

Thirteenth International Conference on Environmental, Cultural, Economic, and Social Sustainability

Pathways to Sustainability: Challenges and Opportunities for State and Society

19–21 JANUARY 2017 | BIOMASS AND WATER MANAGEMENT RESEARCH CENTER
FLUMINENSE FEDERAL UNIVERSITY | NITERÓI, RIO DE JANEIRO, BRAZIL

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Thirteenth International Conference on Environmental, Cultural, Economic & Social Sustainability

*“Pathways to Sustainability: Challenges and
Opportunities for State and Society”*

19–21 January 2017 | Biomass and Water Management Research Center,
Fluminense Federal University | Niterói, Rio de Janeiro, Brazil



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Thirteenth International Conference on Environmental, Cultural, Economic & Social Sustainability
www.onsustainability.com

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Designed by Ebony Jackson
Cover image by Phillip Kalantzis-Cope

Dear Conference Participants,

It is a great pleasure to warmly welcome you to the Thirteenth International Conference on Environmental, Cultural, Economic & Social Sustainability in Niterói, Rio de Janeiro.

Twenty-five years ago the world's attention was focused on Rio de Janeiro as the United Nations Conference on Environment and Development (the "Earth Summit") was held, attended by representatives from 172 governments, of which 116 sent heads of state or government. As well as the UNCED, a parallel event was held, the Global Forum, at the time the largest gathering of international civil society attended by 17,000 people. Rio also hosted the UN Conference on Sustainable Development ("Rio + 20") on the twentieth anniversary of the Earth Summit in 2012, again with a sizeable civil society forum.

Rio has thus come to symbolize the importance of both state and non-state actors in the pursuit of sustainability, hence the theme for this conference: *Pathways to Sustainability: Challenges for State and Society*. The state plays a contradictory role in sustainability politics, facing multiple, often competing, pressures, and facilitating both environmental degradation and environmental conservation. Hence many actors now look to the non-state sector for the necessary social changes that will generate sustainability. I am sure we shall take part in some stimulating debates on this theme, especially in relation to Brazil, a growing global economic power and the world's most extensive tropical forested country.

I am most grateful to the local organizing committee for the excellent work they have done in organizing and agreeing to host this conference, in particular:

- *From Fluminense Federal University, Niterói*: Raimundo Damasceno, Savio Bruno, and Eduardo Vilela.
- *From Niterói City Hall*: Luis Vergara, Axel Grael, Valéria Braga, and Nathallia Telerski.

Thank you very much also to the staff from Common Ground for their role in organizing the conference, especially Phillip Kalantzis-Cope and Patricija Kirvaitis.

On behalf of the On Sustainability Research Network I would also like to thank Amareswar Galla for his leadership in setting up the first On Sustainability Conference in 2005. He very much remains part of the Common Ground Research Network family, chairing The Inclusive Museum and Tourism & Leisure Studies Research Networks.

Wishing you a productive and enjoyable conference.

Cordially,



David Humphreys, PhD, FICFor (Hon), SFHEA
Professor of Environmental Policy, The Open University
Email: david.humphreys@open.ac.uk

In Remembrance

Dora Negreiros: Friend, Militant Environmentalist, and Counselor



Dora Hees de Negreiros suddenly left us on 14 November 2016, at 82 years of age. We are very sorry to have lost an opportunity to hear her insight during this event, and she will be very missed.

She was a chemical engineer, and also one of the Environmental Engineering State Foundation (FEEMA) founders. One of her most outstanding roles was in participating in the Executive Group for the Decontamination of Guanabara Bay. Her mission was to lead negotiations with the Inter-American Development Bank – BID – and to structure the Guanabara Bay Clean-up Project – GEDEG.

In 1993, the Guanabara Bay Institute (IBG) was created. Dora was in a position of great leadership at the IBG, having presided over the organization for most of its existence. In addition to this role, she was also a counselor at the Rumo Nautico Institute (Grael Project), and was also a part of the board of the Rio de Janeiro-Maryland Committee, from the Companions of the Americas organization.

After being a part of the governmental arena for so long, in addition to leading the IBG, Dora left a great legacy at the Guanabara Bay Institute. She had a vision—that the Guanabara Bay recovery would not be achieved exclusively by governmental action, but would be, above all, a citizen conquest, involving the active participation of the entire society. Because of this, she had a fundamental role in the design of a governance model of Guanabara Bay.

She guided the IBG in being a promoter of environmental education initiatives, mobilized the protection of Guanabara Bay ecosystems, and sought out partnerships with governments (federal, state, and municipal), communities, ONG's, universities, athletes, companies, and international partners - all of this to build a coalition of actors in favor of Guanabara Bay.

No doubt there is still a long way to ensure that Guanabara Bay can exist as it has been envisioned by many, but there is no doubt that Dora's touch can be seen in every bit of progress achieved so far, and will doubtless be recognized for years to come.

Dora Negreiros was a remarkable presence that exhibited professionalism and environmental militancy. She had the rare ability to combine firmness and tenderness, but she was not intransigent. She was a natural leader and an “eco-encyclopedia”. She was able to explain the origin of many environmental norms and routines, such as environmental licensing, monitoring of Guanabara Bay, environmental standards. She is sure to continue to inspire us all, and her legacy will continue.

Axel Grael

Our Mission

Common Ground Research Networks aims to enable all people to participate in creating collaborative knowledge and to share that knowledge with the greater world. Through our academic conferences, peer-reviewed journals and books, and innovative software, we build transformative research networks and provide platforms for meaningful interactions across diverse media.

Our Message

Heritage knowledge systems are characterized by vertical separations—of discipline, professional association, institution, and country. Common Ground identifies some of the pivotal ideas and challenges of our time and builds research networks that cut horizontally across legacy knowledge structures. Sustainability, diversity, learning, the future of the humanities, the nature of interdisciplinarity, the place of the arts in society, technology's connections with knowledge, the changing role of the university—these are deeply important questions of our time which require interdisciplinary thinking, global conversations, and cross-institutional intellectual collaborations. Common Ground is a meeting place for these conversations, shared spaces in which differences can meet and safely connect—differences of perspective, experience, knowledge base, methodology, geographical or cultural origins, and institutional affiliation. We strive to create the places of intellectual interaction and imagination that our future deserves.

Our Media

Common Ground creates and supports research networks through a number of mechanisms and media. Annual conferences are held around the world to connect the global (the international delegates) with the local (academics, practitioners, and community leaders from the host community). Conference sessions include as many ways of speaking as possible to encourage each and every participant to engage, interact, and contribute. The journals and book imprint offer fully-refereed academic outlets for formalized knowledge, developed through innovative approaches to the processes of submission, peer review, and production. The research network also maintains an online presence—through presentations on our YouTube channel, monthly email newsletters, as well as Facebook and Twitter feeds. And Common Ground's own software, **Scholar**, offers a path-breaking platform for online discussions and networking, as well as for creating, reviewing, and disseminating text and multi-media works.

On Sustainability Research Network

*Exploring sustainability in a holistic perspective,
where environmental, cultural, economic, and
social concerns intersect*



The On Sustainability Research Network is brought together around a common concern for learning and an interest to explore new educational possibilities. The research network interacts through an innovative, annual face-to-face conference, as well as year-round online relationships, a family of peer reviewed journals, and book imprint—exploring the affordances of the new digital media.

Conference

The On Sustainability Conference is built upon four key features: Internationalism, Interdisciplinarity, Inclusiveness, and Interaction. Conference delegates include leaders in the field as well as emerging scholars, who travel to the conference from all corners of the globe and represent a broad range of disciplines and perspectives. A variety of presentation options and session types offer delegates multiple opportunities to engage, to discuss key issues in the field, and to build relationships with scholars from other cultures and disciplines.

Publishing

The On Sustainability Research Network enables members to publish through two media. First, research network members can enter a world of journal publication unlike the traditional academic publishing forums—a result of the responsive, non-hierarchical, and constructive nature of the peer review process. The On Sustainability Journal Collection provides a framework for double-blind peer review, enabling authors to publish into an academic journal of the highest standard. The second publication medium is through the book imprint, On Sustainability, publishing cutting edge books in print and digital formats. Publication proposals and manuscript submissions are welcome.

Research network

The On Sustainability Research Network offers several opportunities for ongoing communication among its members. Any member may upload video presentations based on scholarly work to the research network YouTube channel. Quarterly email newsletters contain updates on conference and publishing activities as well as broader news of interest. Join the conversations on Facebook and Twitter. Or explore our new social media platform, **Scholar**.



Studies of sustainability, with a focus on environmental analyses

Theme 1: Environmental Sustainability

- The science and technology of environmental sustainability
- Ecosystemics
- Sustainable agriculture
- Urbanization and its consequences
- Ecological footprints and ecospace
- Atmosphere and biosphere: global warming, the ozone layer, pollution
- Energy: renewable and not
- Water: sources and uses
- Land and sea, mountain and savanna, desert and wet zones, forests and coasts: variable impacts on varied environments
- Biological diversity: its past and prospects
- Biotechnology and its critics
- Danger signs: rising sea levels, desertification, soil degradation

Studies of sustainability, with a focus on socio-cultural and economic analyses

Theme 2: Sustainability in Economic, Social, and Cultural Context

- One, two, three, four, how many 'bottom lines'?
- The meaning of cultural sustainability and sustainable heritage development
- Belonging and identity: their environmental, economic, and social significance
- Changing patterns and cultures of consumption
- Cosmopolis: local cultures, globalization, diaspora
- Women and men, children and the elderly, families and sustainability
- Cultural dimensions of childbearing and population growth
- Cultural tourism
- Indigenous peoples: self-government, self management, and cultural autonomy.
- Indigenous knowledge and traditional practices of sustainability: broadening the scope of valid knowledge
- The economics of sustainability, environment, culture, and society
- What is economic value?
- Cultural, social, and environmental capital
- Needs, wants, and demand: reconfiguring the economic equation
- Business cases: the cost and value of sustainability
- Risks and risk management: where economy meets environment, culture, and society
- Free trade and fair trade
- Global flows: finance, trade, technology transfer, and debt
- Sustainable aid and aid for sustainability
- The dynamics of production and consumption
- Accountability: beyond financial years and bottom lines



- Measuring performance and reporting sustainability
- Organizations and corporations: defining the stakeholders and meeting their interests
- Development, underdevelopment, and sustainability
- Tourism and its impacts
- Sustainable and unsustainable transportation
- Well-being and quality of life: sources and strategies
- Gender and sustainability
- Poverty and its eradication
- Health in its environmental, cultural, economic, and social contexts
- Population growth and its consequences
- Wastes and waste management
- Urbanization and the sustainability of human settlement

Addressing sustainability agendas and the practices flowing from these in government, corporate, and community sectors

Theme 3: Sustainability Policy and Practice

- The politics of sustainability
- National and global sustainability policies and initiatives
- Sustainability in local government
- Corporate sustainability initiatives
- Community and NGO sustainability initiatives
- Measuring impacts: environmental assessment
- Bioethics
- Nature as intellectual and physical property
- Civic pluralism: multiculturalism and cultural sustainability
- Cultural and political liberalization: challenges and dangers
- The arts and creativity as a resource for sustainability
- Structures of ownership: private property, public property, and the commons
- Good citizenship in fragile environments, cultures, economies, societies
- Levels of governance: interactions of sustainability initiatives at local, regional, national, and international levels
- Domains of responsibility: NGOs, corporations, persons
- The sources of sustainable innovation
- Planning for sustainability
- Capacity building in theory and practice
- Sustainability and community participation
- Managing 'human resources'



On teaching and learning about human relations to the environment, and raising community awareness of sustainability

Theme 4: Sustainability Education

- Environmental education in a time of ecosystemic crisis
- Teaching and learning sustainability: schools, universities, communities
- The media, public awareness, and community education on sustainability
- Education sustaining language and culture
- Public knowledge: the role of the media and government
- Natural and social sciences: taking an holistic view
- Researching sustainability
- Knowledge capacities: developing sustainability science and technology locally



Pathways to Sustainability: Challenges and Opportunities for State and Society

In the twenty-fifth anniversary year of the historic 1992 “Earth Summit,” Common Ground Research Networks will hold its annual International Conference on Environmental, Cultural, Economic and Social Sustainability in Niterói, Rio de Janeiro, 19–21 January 2017. The special conference focus is *Pathways to Sustainability: Challenges and Opportunities for State and Society*.

The state plays a contradictory role in sustainability politics, facilitating both environmental degradation and environmental conservation. It stands at the interface between local, national, and global politics and faces multiple—often competing—pressures. The pressure includes that from businesses, pressing for a political environment that is conducive to investment and economic development, and from citizens and social groups making a broad range of demands for domestic and international security, economic stability, social public goods, and environmental sustainability. Internationally, the state remains the sole representative of its public, and it is legally the only actor with the regulatory authority and capacity to govern within its territory. Yet, critical research on globalization suggests that the state is losing its autonomy, yielding decision-making authority to international organizations, transnational corporations, and non-governmental organizations. Activists are increasingly looking to non-state actors to catalyze the necessary social changes that will generate sustainability. This has produced a rich literature on sustainable consumption, environmental citizenship, and non-state market-driven forms of environmental governance that are reconfiguring society. But the state, while inadequate on its own, is also indispensable—hence the “greening” of the state—advocated to contain corporate power, channel the use of technology into low-carbon energy production, and stimulate sustainable modes of production that respect ecological integrity and local cultures.



Four Fundamentals

Four foundations – four fundamentals – constitute a fourfold ‘bottom line’ for sustainability.

Environment: Nature is a dynamic thing in and of itself, and sometimes convulsively so. Humans are its beneficiaries and at times its victims. They are also increasingly agents, interacting in and with natural processes. Over several millennia, the human species has become one of the forces of nature, a critical part of its destiny, and ever more so today and tomorrow. Perhaps even, the human species may be a catalyst in another convulsion in the course of natural history. As nature more and more becomes an object of human artifice, its prospects move to the forefront of human consciousness. ‘What have we done with nature?’ we may well ask ourselves. What have been the forms and effects of our interventions? What are the implications of our newfound species-role as a force of nature, and what the responsibilities that accompany this role? How can we create a viable home for ourselves alongside the other lifeforms of the planet?

Culture: This is the stuff of our human natures, our subjectivities, our shared meanings and our memories. Culture is the glue of similarity (‘identity,’ literally) that grounds our sociability. It is also a matter of difference or cultures in the plural, the multilayered combinations of which form persons in the plural: ways of seeing, ways of thinking, ways of meaning, ways of relating to each other, ways of connecting with nature. The challenge of culture is as much to forge a productive diversity for the human species (ethnos, gender, ecosystemics) as it is to nurture the sources of cohesion and commonality.

Economy: Here we consider the dynamics of our material life, where, in our social relations and using our tools, we mix our energies with the natural world to meet our human needs. The challenge is to create economic systems which are environmentally viable, not destroying or damaging our life sources as natural beings. Such systems also need to be culturally viable, not harming our identities and ultimately what is humane in our natures. And they need to be socially viable, not creating destructive tensions and unsustainable injustices around axes in inequality of access to material and social resources.

Society: To these perspectives we need to add our systems of regulation, governance, and resource distribution. What allows for all our participation as autonomous yet social beings? What makes for good citizenship? How do we create, manage, and propagate knowledge? How do we ensure justice? How do we integrate the four fundamentals of environment, culture, economy, and society so we can address our human futures and live to the full our human potentials?

This research network attempts to locate what is experienced here and now in the context of longer, broader, and deeper views of the four fundamentals of sustainability.



Longer Views

How do we understand longer views of sustainability?

On a length dimension, we may wish to question the now-ness of our interests and actions: organizations which measure performance in solely in terms financial years; consumers who measure well-being in terms of instant gratification; and communities which compromise future generations by satisfying their wants in the present. Of course, we need to live in the here and now, but that living is limited if it is purely for the here and the now and so prejudices environment, culture, economy, or society in the longer view.

Broader Views

How do interests and actions shape views of sustainability?

On a breadth dimension, we may need to question the here-ness of our interests and actions: acting locally without thinking globally; living personally without knowing politically; living in our cultures but sensitive to the diversity of others; operating to narrow economic or social goals without taking into account their ecosystemic sources and effects.

Deeper Views

Who are the participants?

On a depth dimension, we may question the this-ness of our interests: what we feel in our everyday lifeworlds in relation to deep and less immediately tangible social, economic, and ecological structures; our individual and corporate motivations in relation to human and ecological values; monetary value in relation to human value; the hidden hand of personal self interest as opposed to the conscious hand of good governance, responsible citizenship, and the values of caring for nature and each other.

This research network provides a forum for discussion of the connections between environment, culture, economy, and society. The perspectives presented range from big picture analyses which address global and universal concerns, to detailed case studies which speak of localized applications of the principles and practices of sustainability. Conference presentations and publications traverse a broad terrain, sometimes technically and other times socially oriented, sometimes theoretical and other times practical in their perspective, and sometimes reflecting dispassionate analysis whilst at other times suggesting interested strategies for action.



About

The On Sustainability Research Network is dedicated to the concept of independent, peer-led groups of scholars, researchers, and practitioners working together to build bodies of knowledge related to topics of critical importance to society at large. Focusing on the intersection of academia and social impact, the On Sustainability Research Network brings an interdisciplinary, international perspective to discussions of new developments in the field, including research, practice, policy, and teaching.

Membership Benefits

As an On Sustainability Research Network member you have access to a broad range of tools and resources to use in your own work:

- Digital subscription to the On Sustainability Journal Collection for one year.
- Digital subscription to the book imprint for one year.
- One article publication per year (pending peer review).
- Participation as a reviewer in the peer review process, with the opportunity to be listed as an Associate Editor after reviewing three or more articles.
- Subscription to the community e-newsletter, providing access to news and announcements for and from the Research Network.
- Option to add a video presentation to the community YouTube channel.
- Free access to the **Scholar** social knowledge platform, including:
 - ◊ Personal profile and publication portfolio page
 - ◊ Ability to interact and form communities with peers away from the clutter and commercialism of other social media
 - ◊ Optional feeds to Facebook and Twitter
 - ◊ Complimentary use of **Scholar** in your classes—for class interactions in its Community space, multimodal student writing in its Creator space, and managing student peer review, assessment, and sharing of published work.



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Present and Participate in the Conference

You have already begun your engagement in the research network by attending the conference, presenting your work, and interacting face-to-face with other members. We hope this experience provides a valuable source of feedback for your current work and the possible seeds for future individual and collaborative projects, as well as the start of a conversation with research network colleagues that will continue well into the future.

Publish Journal Articles or Books

We encourage you to submit an article for review and possible publication in the journal. In this way, you may share the finished outcome of your presentation with other participants and members of the research network. As a member of the research network, you will also be invited to review others' work and contribute to the development of the research network knowledge base as an Associate Editor. As part of your active membership in the research network, you also have online access to the complete works (current and previous volumes) of the journal and to the book imprint. We also invite you to consider submitting a proposal for the book imprint.

Engage through Social Media

There are several ways to connect and network with colleagues:



Email Newsletters: Published quarterly, these contain information on the conference and publishing, along with news of interest to the research network. Contribute news or links with a subject line 'Email Newsletter Suggestion' to support@onsustainability.com.



Scholar: Common Ground's path-breaking platform that connects academic peers from around the world in a space that is modulated for serious discourse and the presentation of knowledge works.



Facebook: Comment on current news, view photos from the conference, and take advantage of special benefits for members at: <http://www.facebook.com/OnSustainability>.



Twitter: Follow the research network [@onsustainability](https://twitter.com/onsustainability) and talk about the conference with [#onsustainability2017](https://twitter.com/onsustainability2017).



YouTube Channel: View online presentations or contribute your own at <http://cgnetworks.org/support/uploading-your-presentation-to-youtube>.



The principal role of the Advisory Board is to drive the overall intellectual direction of the On Sustainability Research Network and to consult on our foundational themes as they evolve along with the currents of the field. Board members are invited to attend the annual conference and provide important insights on conference development, including suggestions for speakers, venues, and special themes. We also encourage board members to submit articles for publication consideration to On Sustainability Journal Collection as well as proposals or completed manuscripts to the On Sustainability Book Imprint.

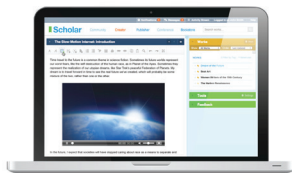
We are grateful for the continued service and support of the following world-class scholars and practitioners.

- **Dang Van Bai**, Ministry of Culture and Information, Vietnam
- **Michael Cameron**, University of Waikato, Hamilton, New Zealand
- **Richard M. Clugston**, University Leaders for a Sustainable Future, Washington, D.C., USA
- **John Dryzek**, Australian National University, Canberra, Australia
- **Steven Engelsman**, Rijksmuseum voor Volkenkunde, Leiden, The Netherlands
- **John Fien**, RMIT University, Melbourne, Australia
- **Amareswar Galla**, International Institute for the Inclusive Museum, Australia
(*Founding Chair, Editor*)
- **Suzanne Grant**, University of Waikato, Hamilton, New Zealand
- **Steve Hamnett**, University of South Australia, Adelaide, Australia
- **Olaf Gerlach Hansen**, Danish Cultural Institute, Copenhagen, Denmark
- **Charles Hopkins**, York University, Toronto, Canada
- **David Humphreys**, The Open University, Milton Keynes, UK (*Current Chair, Editor*)
- **Lily Kong**, National University of Singapore, Singapore.
- **Jim McAllister**, Central Queensland University, Rockhampton, Australia
- **Helena Norberg-Hodge**, The International Society for Ecology and Culture (ISEC), United Kingdom
- **Peter Phipps**, RMIT University, Melbourne, Australia
- **Spencer S. Stober**, Alvernia University, Reading, USA
- **Douglas Worts**, Toronto, Canada
- **Lyuba Zarsky**, Middlebury Institute of International Studies at Monterey, Monterey, California, USA

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3. Click on the “**Find and join communities**” link located under the YOUR COMMUNITIES heading (On the left hand navigation bar).
4. Search for a community to join or create your own.

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- **Peers:** Invite others to connect as a peer and keep up with their work.
- **Shares:** Make your page a comprehensive portfolio of your work by adding publications in the Shares area - be these full text copies of works in cases where you have permission, or a link to a bookstore, library or publisher listing. If you choose Common Ground’s hybrid open access option, you may post the final version of your work here, available to anyone on the web if you select the ‘make my site public’ option.
- **Image:** Add a photograph of yourself to this page; hover over the avatar and click the pencil/edit icon to select.
- **Publisher:** All Common Ground community members have free access to our peer review space for their courses. Here they can arrange for students to write multimodal essays or reports in the Creator space (including image, video, audio, dataset or any other file), manage student peer review, co-ordinate assessments, and share students’ works by publishing them to the Community space.

A Digital Learning Platform

Use **Scholar** to Support Your Teaching

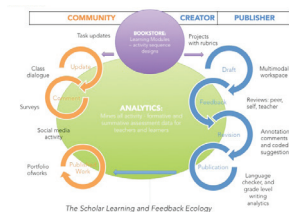
Scholar is a social knowledge platform that *transforms the patterns of interaction in learning by putting students first*, positioning them as knowledge producers instead of passive knowledge consumers. **Scholar** provides scaffolding to encourage making and sharing knowledge drawing from multiple sources rather than memorizing knowledge that has been presented to them.

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A collaborative research and development project between Common Ground and the College of Education at the University of Illinois, **Scholar** contains a Research Network space, a multimedia web writing space, a formative assessment environment that facilitates peer review, and a dashboard with aggregated machine and human formative and summative writing assessment data.

The following **Scholar** features are only available to Common Ground Research Networks members as part of their membership. Please email us at support@cgscholar.com if you would like the complimentary educator account that comes with participation in a Common Ground conference.

- Create projects for groups of students, involving draft, peer review, revision, and publication.
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Scholar is a generation beyond learning management systems. It is what we term a *Digital Learning Platform*—it transforms learning by engaging students in powerfully horizontal “social knowledge” relationships. **For more information, visit: <http://knowledge.cgscholar.com>.**

On Sustainability Journal Collection

*Aiming to create an intellectual frame of reference
for interdisciplinary conversations presenting
innovative theories and practices of sustainability*



Indexing

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Reference Center
(EBSCO)
The Australian
Research Council
(ERA)
Ulrich's Periodicals
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Founded:

2005

Publication

Frequency:

Quarterly (March,
June, September,
December)

Acceptance Rate:

36% (2015)

Community

Website:

onsustainability.com

Bookstore:

ijs.cgpublisher.com

About

The On Sustainability Journal Collection creates a place for the publication of papers presenting innovative theories and practices of sustainability.

The journals in this collection are cross-disciplinary in their scope, a meeting point for natural and social scientists, researchers and practitioners, professionals, and community representatives.

The perspectives presented range from big picture analyses which address global and universal concerns, to detailed case studies which speak of localized applications of the principles and practices of sustainability. The papers traverse a broad terrain, sometimes technically and other times socially oriented, sometimes theoretical and other times practical in their perspective, and sometimes reflecting dispassionate analysis whilst at other times suggesting interested strategies for action.

Collection Editor



David Humphreys, Reader in Environmental Policy, The Open University, UK

Associate Editors

Articles published in the On Sustainability Journal Collection are peer reviewed by scholars who are active members of the On Sustainability Research Network. Reviewers may be past or present conference delegates, fellow submitters to the collection, or scholars who have volunteered to review papers (and have been screened by Common Ground's editorial team). This engagement with the Research Network, as well as Common Ground's synergistic and criterion-based evaluation system, distinguishes the peer review process from journals that have a more top-down approach to refereeing. Reviewers are assigned to papers based on their academic interests and scholarly expertise. In recognition of the valuable feedback and publication recommendations that they provide, reviewers are acknowledged as Associate Editors in the volume that includes the paper(s) they reviewed. Thus, in addition to the On Sustainability Journal Collection's Editors and Advisory Board, the Associate Editors contribute significantly to the overall editorial quality and content of the collection.



The International Journal of Environmental, Cultural, Economic, and Social Sustainability: Annual Review

ISSN: 1832-2077

DOI: 10.18848/1832-2077/CGP

Indexing: EBSCO Environmental Engineering Collection: India (EBSCO), Economics & Finance Directory (Cabell's), Scopus, Sustainability Reference Center (EBSCO), The Australian Research Council (ERA), Ulrich's Periodicals Directory

About: *The International Journal of Environmental, Cultural, Economic, and Social Sustainability: Annual Review* creates a place for the publication of papers presenting innovative theories and practices of sustainability. The annual review consists only of articles considered to be of wide interest across the field, selected by our editorial team. Candidates for inclusion in this survey journal include works by invited contributors and top-ranked articles selected from thematic journal submissions for their wide applicability and interest.



The International Journal of Environmental Sustainability

ISSN: 2325-1077 (print) | 2325-1085 (online)

DOI: 10.18848/2325-1077/CGP

Indexing: Economics & Finance Directory (Cabell's), Environment Complete (EBSCO), Environment Index (EBSCO), Scopus, Sustainability Reference Center (EBSCO), Ulrich's Periodicals Directory

About: *The International Journal of Environmental Sustainability* focuses on sustainable ecosystems, urban environments, agriculture, energy systems, water use, atmospheric quality, and biodiversity.



The International Journal of Sustainability Education

ISSN: 2325-1212 (print) | 2325-1220 (online)

DOI: 10.18848/2325-1212/CGP

Indexing: Economics & Finance Directory (Cabell's), Educational Curriculum & Methods Directory (Cabell's), Education Source (EBSCO), Sustainability Reference Center (EBSCO), Scopus, Ulrich's Periodicals Directory

About: *The International Journal of Sustainability Education* explores teaching and learning about human relations to the environment.



The International Journal of Sustainability in Economic, Social, and Cultural Context

ISSN: 2325-1115 (print) | 2325-114X (online)

DOI: 10.18848/2325-1115/CGP

Indexing: Economics & Finance Directory (Cabell's), Scopus, SocINDEX (EBSCO), SocINDEX with Full Text (EBSCO), Sociology Source International (EBSCO), The Australian Research Council (ERA), Ulrich's Periodicals Directory

About: *The International Journal of Sustainability in Economic, Social, and Cultural Context* invites research on sustainability practices, including documentation of case studies and exegeses analyzing the effects of these practices.



The International Journal of Sustainability Policy and Practice

ISSN: 2325-1166 (print) | 2325-1182 (online)

DOI: 10.18848/2325-1166/CGP

Indexing: Economics & Finance Directory (Cabell's), Scopus, Sustainability Reference Center (EBSCO), Ulrich's Periodicals Directory

About: *The International Journal of Sustainability Policy and Practice* addresses sustainability agendas and the practices flowing from these in government, corporate, and community sectors.



Journal Collection Submission Process and Timeline

Below, please find step-by-step instructions on the journal article submission process:

1. Submit a conference presentation proposal.
2. Once your conference presentation proposal has been accepted, you may submit your article by clicking the “Add a Paper” button on the right side of your proposal page. You may upload your article anytime between the first and the final submission deadlines. (See dates below)
3. Once your article is received, it is verified against template and submission requirements. If your article satisfies these requirements, your identity and contact details are then removed, and the article is matched to two appropriate referees and sent for review. You can view the status of your article at any time by logging into your CGPublisher account at www.CGPublisher.com.
4. When both referee reports are uploaded, and after the referees’ identities have been removed, you will be notified by email and provided with a link to view the reports.
5. If your article has been accepted, you will be asked to accept the Publishing Agreement and submit a final copy of your article. If your paper is accepted with revisions, you will be required to submit a change note with your final submission, explaining how you revised your article in light of the referees’ comments. If your article is rejected, you may resubmit it once, with a detailed change note, for review by new referees.
6. Once we have received the final submission of your article, which was accepted or accepted with revisions, our Publishing Department will give your article a final review. This final review will verify that you have complied with the Chicago Manual of Style (16th edition), and will check any edits you have made while considering the feedback of your referees. After this review has been satisfactorily completed, your paper will be typeset and a proof will be sent to you for approval before publication.
7. Individual articles may be published “Web First” with a full citation. Full issues follow at regular, quarterly intervals. All issues are published 4 times per volume (except the annual review, which is published once per volume).



Submission Timeline

You may submit your article for publication to the journal at any time throughout the year. The rolling submission deadlines are as follows:

- Submission Round 1 – 15 January
- Submission Round 2 – 15 April
- Submission Round 3 – 15 July
- Submission Round 4 (final) – 15 October

Note: If your article is submitted after the final deadline for the volume, it will be considered for the following year's volume. The sooner you submit, the sooner your article will begin the peer review process. Also, because we publish "Web First," early submission means that your article may be published with a full citation as soon as it is ready, even if that is before the full issue is published.



Hybrid Open Access

All Common Ground Journals are Hybrid Open Access. Hybrid Open Access is an option increasingly offered by both university presses and well-known commercial publishers.

Hybrid Open Access means some articles are available only to subscribers, while others are made available at no charge to anyone searching the web. Authors pay an additional fee for the open access option. Authors may do this because open access is a requirement of their research-funding agency, or they may do this so non-subscribers can access their article for free.

Common Ground's open access charge is \$250 per article—a very reasonable price compared to our hybrid open access competitors and purely open access journals resourced with an author publication fee. Digital articles are normally only available through individual or institutional subscriptions or for purchase at \$5 per article. However, if you choose to make your article Open Access, this means anyone on the web may download it for free.

Paying subscribers still receive considerable benefits with access to all articles in the journal, from both current and past volumes, without any restrictions. However, making your paper available at no charge through Open Access increases its visibility, accessibility, potential readership, and citation counts. Open Access articles also generate higher citation counts.

Institutional Open Access

Common Ground is proud to announce an exciting new model of scholarly publishing called Institutional Open Access.

Institutional Open Access allows faculty and graduate students to submit articles to Common Ground journals for unrestricted open access publication. These articles will be freely and publicly available to the whole world through our hybrid open access infrastructure. With Institutional Open Access, instead of the author paying a per-article open access fee, institutions pay a set annual fee that entitles their students and faculty to publish a given number of open access articles each year.

The rights to the articles remain with the subscribing institution. Both the author and the institution can also share the final typeset version of the article in any place they wish, including institutional repositories, personal websites, and privately or publicly accessible course materials. We support the highest Sherpa/Romeo access level—Green.

For more information on how to make your article Open Access, or information on Institutional Open Access, please contact us at support@cgnetworks.org.



International Award for Excellence

The On Sustainability Journal Collection presents an annual International Award for Excellence for new research or thinking in the area of interdisciplinary perspectives on sustainability, where environmental, cultural, economic, and social concerns intersect. All articles submitted for publication in the On Sustainability Journal Collection are entered into consideration for this award. The review committee for the award is selected from the International Advisory Board for the collection and the annual International Conference on Environmental, Cultural, Economic, and Social Sustainability. The committee selects the winning article from the ten highest-ranked articles emerging from the review process and according to the selection criteria outlined in the reviewer guidelines.

Award Winner, Volume No. 11

Andrea M. Brown, Wilfrid Laurier University, Waterloo, Canada

For the Article

“Sustaining African Cities: Urban Hunger and Sustainable Development in East Africa”

Abstract

This research focuses on the drivers, dimensions, and links between rapid urbanization, sustainability, and food security, drawing on examples from East Africa. By 2030, Africa will have a larger urban than rural population, and in large cities of East Africa, roughly 50% of urban residents already live below the poverty line, where malnutrition is higher than in rural areas. Over the past decade, various levels of government in Tanzania, Kenya, and Uganda have introduced policy to respond to urbanization, most of which notes the importance of a sustainable focus. Yet, this policy fails to identify urban food security as a concern, beyond some limited attention to urban agriculture. This failure poses humanitarian and security risks, already evident in urban food riots and measures of urban poverty and malnutrition. Urban hunger needs to be part of the equation of a sustainable response to the challenges of rapid urbanization and inclusive growth if policy interventions are to be effective.



Research Network Membership and Personal Subscriptions

As part of each conference registration, all conference participants (both virtual and in-person) have a one-year digital subscription to the entire On Sustainability Journal Collection. This complimentary personal subscription grants access to both the current volume of the collection as well as the entire backlist. The period of complimentary access begins at the time of registration and ends one year after the close of the conference. After that time, delegates may purchase a personal subscription.

To view articles, go to <http://ijs.cgpublisher.com/>. Select the “Login” option and provide a CGPublisher username and password. Then, select an article and download the PDF. For lost or forgotten login details, select “forgot your login” to request a new password.

Journal Subscriptions

Common Ground offers print and digital subscriptions to all of its journals. Subscriptions are available to the full On Sustainability Journal Collection, individual journals within the collection, and to custom suites based on a given institution’s unique content needs. Subscription prices are based on a tiered scale that corresponds to the full-time enrollment (FTE) of the subscribing institution.

For more information, please visit:

- <http://onsustainability.com/journals/subscribe>
- Or contact us at subscriptions@cgnetworks.org

Library Recommendations

Download the Library Recommendation form from our website to recommend that your institution subscribe to the On Sustainability Journal Collection: <http://cgnetworks.org/support/recommend-a-subscription-to-your-library>.

On Sustainability Book Imprint

*Aiming to set new standards in
participatory knowledge creation and
scholarly publication*



On Sustainability Book Imprint

Call for Books

Common Ground is setting new standards of rigorous academic knowledge creation and scholarly publication. Unlike other publishers, we're not interested in the size of potential markets or competition from other books. We're only interested in the intellectual quality of the work. If your book is a brilliant contribution to a specialist area of knowledge that only serves a small intellectual community, we still want to publish it. If it is expansive and has a broad appeal, we want to publish it too, but only if it is of the highest intellectual quality.

We welcome proposals or completed manuscript submissions of:

- Individually and jointly authored books
- Edited collections addressing a clear, intellectually challenging theme
- Collections of articles published in our journals
- Out-of-copyright books, including important books that have gone out of print and classics with new introductions

Book Proposal Guidelines

Books should be between 30,000 and 150,000 words in length. They are published simultaneously in print and electronic formats and are available through Amazon and as Kindle editions. To publish a book, please send us a proposal including:

- Title
- Author(s)/editor(s)
- Draft back-cover blurb
- Author bio note(s)
- Table of contents
- Intended audience and significance of contribution
- Sample chapters or complete manuscript
- Manuscript submission date

Proposals can be submitted by email to books@cgnetworks.org. Please note the book imprint to which you are submitting in the subject line.



Call for Book Reviewers

Common Ground Research Networks is seeking distinguished peer reviewers to evaluate book manuscripts.

As part of our commitment to intellectual excellence and a rigorous review process, Common Ground sends book manuscripts that have received initial editorial approval to peer reviewers to further evaluate and provide constructive feedback. The comments and guidance that these reviewers supply is invaluable to our authors and an essential part of the publication process.

Common Ground recognizes the important role of reviewers by acknowledging book reviewers as members of the Editorial Review Board for a period of at least one year. The list of members of the Editorial Review Board will be posted on our website.

If you would like to review book manuscripts, please send an email to books@cgnetworks.org with:

- A brief description of your professional credentials
- A list of your areas of interest and expertise
- A copy of your CV with current contact details

If we feel that you are qualified and we require refereeing for manuscripts within your purview, we will contact you.



The Sustainability Practitioner's Guide to Social Analysis and Assessment

Joy Murray, Darian McBain, and Thomas Wiedmann (eds.)



ISBN:

978-1-61229-812-2

239 Pages

Community

Website:

onsustainability.com

Bookstore:

onsustainability.org

cgpublisher.com

A welcome addition to the “Sustainability Practitioners Guide” series, this book gathers together progress that has been made in analysing, assessing, and reporting social issues. Approachable for experts and non-experts alike and written in a characteristic ‘easy to understand style,’ this edited volume presents complex concepts with clarity. The comprehensive selection of topics, which includes such indicators as labour conditions, inequality, food security, and even sleep, is bound to present something of relevance and interest to a wide variety of readers.

Angela Druckman,
Centre of Environmental Strategy
University of Surrey

Editor Bios:

Joy Murray is a senior research fellow with the Integrated Sustainability Analysis group in the School of Physics, University of Sydney.

Darian McBain is the global director of sustainable development for the Thai Union Group, and an adjunct senior lecturer to the Integrated Sustainability Analysis (ISA) group at the University of Sydney.

Thomas Wiedmann is associate professor of sustainability research in the School of Civil and Environmental Engineering at UNSW Australia, Sydney.

Posthuman Plants: Rethinking the Vegetal through Culture, Art, and Poetry

John Charles Ryan



ISBN:
978-1-61229-822-1
223 Pages

Community Website:
onsustainability.com

Bookstore:
onsustainability.com
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Our interdependence with plants entails symbiosis that is not only biological but also cultural, social, and linguistic. *Posthuman Plants* addresses our diverse entanglements with plants in everyday life through the prisms of posthumanist, multispecies, ecocritical, and ecocultural theory. This volume asks: how does the reconfiguration of human “being” as inherently permeable affect our perceptions of and relationships to plants—those “others” that have been regarded historically as passive elements of the landscape and constructed as the mute foils of animality? This book contributes to the ever-increasing debate about how we perceive plants and their influence on what it means to be human, more-than-human, and other-than-human. It argues that reconceptualizing the botanical world requires seeing, feeling, and understanding plants as intelligent, active, and sentient agents.

Posthuman Plants is divided into five sections: Affect and Reciprocity, Heritage and Digitality, Art and Vegetality, Poetry and Vegetality, and Plants and the Senses. Although some of its content is strongly focused on the vegetal life of the southwest of Australia where the author resides, other countries, bioregions, places, and contexts figure into the analysis. The chapters are presented as essays on diverse subjects, all organized around the common strand of rethinking plants through culture, art, and poetry. In re-imagining the vegetal, *Posthuman Plants* draws from ethnographic, auto-ethnographic, historical, and literary sources and develops plant-based theoretical models that blur disciplinary boundaries. This broadly ranging work will be of interest to international audiences, especially researchers in the fields of environmental studies and ecological humanities.

Author Bio:

John Charles Ryan is a postdoctoral research fellow in Communications and Arts at Edith Cowan University in Australia. He is the author of *Green Sense* (2012), *Two with Nature* (2012, with Ellen Hickman), *Unbraided Lines* (2013), *Digital Arts* (2014, with Cat Hope), and *Being With* (2014). He is the co-editor of two forthcoming collections in the field of critical plant studies: *Green Thread* (2015) and *The Language of Plants* (2016) with Patrícia Vieira and Monica Gagliano.

Valuing the First Voice of Pacific Women: Gender and Development in Small Island Developing States

Cathryn Morriss



ISBN:
978-1-61229-722-4
255 Pages

**Community
Website:**
onsustainability.com

Bookstore:
onsustainability.com
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Valuing the First Voice of Pacific Women is a valuable publication providing the intellectual and political framework for analysing and understanding regional intergovernmental policy development. It has elucidated a strong standpoint that the voices of Pacific Islander women are critical in any governance framework to ensure measurable and sustainable outcomes in all forms of development.

This book is about people and how the experience of people can contribute to the making of policy and processes that advances their living standards, creates new opportunities for inclusiveness, and ensures that the rights and well-being of people are respected and indeed honoured. It is about women, and in particular, it is about Pacific Islander women's experiences of inclusion or exclusion in regional policy-making processes.

The future Sustainable Development Goals and the UN post 2015 Development Agenda must take a more integrated approach to the sustainable development of Small Island Developing States, with the support of the international community and all stakeholders. In doing so, gender equity must be an outcome that is driven by the First Voice of women in the Pacific.

Author Bio:

Dr. Cate Morriss is a researcher, writer, and educator with a professional background in the fields of peace and conflict, sociology, Pacific Island politics, international security, international community development, international politics, feminist theory, and gender studies. Cate also works as an independent consultant facilitating advanced workshops on gender inclusive peacebuilding, education, and community development. Previous works include *Gender and Inclusive Education: Managing the Education Environment* (2011), *Gender Inclusive Approaches to Peacebuilding: NGO Handbook for staff training* (2008) and *Feminist Theory in International Relations: A workbook and resources manual for NGO training* (2008).

Ecopragmatics

Edward T. Wimberley and Scott Pellegrino



ISBN:
978-1-61229-612-8
316 Pages

**Community
Website:**
onsustainability.com

Bookstore:
[onsustainability.
cgpublisher.com](http://onsustainability.cgpublisher.com)

In an era when environmental policy discussions have become increasingly rancorous and balkanized, *Ecopragmatics* provides a framework for addressing seemingly intransigent environmental issues by relying upon a method of pragmatic analysis and inquiry grounded in the ideas of William James and John Dewey. This approach eschews ideological posturing in favor of a consequentialist approach wherein reasonable and shared solutions to environmental problems are pursued on the basis of their perceived value to the community and in regard to natural environments and ecosystems. This approach incorporates a communitarian perspective to promote an atmosphere of collaboration by discerning the motivational factors informing the decisions of key stakeholders and subsequently framing policy issues to encourage compromise and ongoing partnership. In so doing, *Ecopragmatics* presents a series of conceptual chapters followed by original case studies illustrating how ecopragmatic principles can empower decision makers to not only imagine possible policy options but to actually animate those ideas within their imagination to derive the potential worth of each option—what we call “imaginating.”

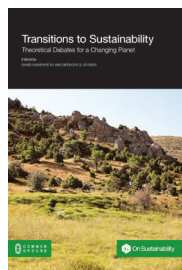
Author Bios:

Edward T. “Terry” Wimberley, PhD is professor of ecological studies at Florida Gulf Coast University in Fort Myers, FL and the author of *Nested Ecology* (2009).

Scott Pellegrino, MA is a doctoral student in philosophy at the University of St. Andrews, Fife, Scotland.

Transitions to Sustainability: Theoretical Debates for a Changing Planet

David Humphreys and Spencer S. Stober (eds.)



ISBN:
978-1-61229-544-2
360 Pages

**Community
Website:**
onsustainability.com

Bookstore:
onsustainability.com
cgpublisher.com

By the turn of the millennium the evidence that humans were changing the biosphere was manifested through a number of disturbing trends, including climate change, ozone depletion, global deforestation, coral bleaching, biodiversity loss, increased incidences of drought, and rising levels of atmospheric and marine pollution. These changes, some of which are irreversible, have given rise to the concept of the Anthropocene, a new geological epoch in which humans are the dominant force for planetary change. We are the first generation to realize the enormity of the changes that humans are wreaking on the global biosphere, and in all likelihood we are the last generation with the opportunity to do something about it. Yet traditional policies are failing to respond to the challenge of reversing global environmental decline at the very historical moment when the need for action is most urgent. The profound changes that we are living through and the need to find new and innovative responses to global environmental degradation present a pressing theoretical and conceptual challenge for both practitioners and scholars of sustainability. This book aims to respond to that challenge.

The contributions in this pioneering volume are divided into six thematic sections: culture, systems, business, art, rights, and citizenship. The chapters—empirically rich and critically guided—are written by leading scholars from around the world. The book makes a vital contribution to debates on sustainability and will prove essential reading for anyone who is concerned about global environmental change and our options for addressing it.

Editor Bios:

David Humphreys is reader in environmental policy and social sciences programme director at The Open University in the UK where he specializes in environmental politics and policy.

Spencer S. Stober is a professor of biology and leadership studies at Alvernia University in the US. His research interests are diverse and include ecosystem change, genetic technologies, the intersection of religion and science, and nature-centered leadership.

On Sustainability Conference

*Curating global interdisciplinary spaces,
supporting professionally rewarding
relationships*



Conference History

Founded in 2005, the International Conference on Environmental, Cultural, Economic & Social Sustainability provides a multidisciplinary space, spanning the various fields and perspectives through which we can address the fundamental and related questions of sustainability, brought together by a common concern for sustainability in an holistic perspective, where environmental, cultural, economic, and social concerns intersect.

The International Conference on Environmental, Cultural, Economic & Social Sustainability is built upon four key features: Internationalism, Interdisciplinarity, Inclusiveness, and Interaction. Conference delegates include leaders in the field as well as emerging scholars, who travel to the conference from all corners of the globe and represent a broad range of disciplines and perspectives. A variety of presentation options and session types offer delegates multiple opportunities to engage, to discuss key issues in the field, and to build relationships with scholars from other cultures and disciplines.

Past Conferences

- 2005 - University of Hawai'i at Manoa, Island of Oahu, Hawai'i, USA
- 2006 - Hanoi and Ha Long Bay, Vietnam
- 2007 - University of Madras, Chennai, India
- 2008 - Universiti Malaysia Terengganu, Kuala Terengganu, Malaysia
- 2009 - University of Technology, Mauritius
- 2010 - University of Cuenca, Cuenca, Ecuador
- 2011 - University of Waikato, Hamilton, New Zealand
- 2012 - UBC Robeson Square, Vancouver, Canada
- 2013 - International Conference Center, Hiroshima, Japan
- 2014 - University of Split, Split, Croatia
- 2015 - Scandic Hotel, Copenhagen, Denmark
- 2016 - Portland State University, Portland, USA

Plenary Speaker Highlights

The International Conference on Environmental, Cultural, Economic & Social Sustainability has a rich history of featuring leading and emerging voices from the field, including:

- Junko Edahiro, Japan for Sustainability, Tokyo, Japan (2013)
- Steve Gough, University of Bath, Bath, UK (2007)
- Hans-Martin Hinz, International Council of Museums (ICOM) (2006)
- Charles Hopkins, York University, Toronto, Canada (2012)
- Katherine Morton, Australian National University (2007)
- Helena Norberg-Hodge, International Society for Ecology and Culture, UK (2005)
- William E. Rees, University of British Columbia, Vancouver, Canada (2013)
- Vandana Shiva, Research Foundation for Science, Technology and Ecology, New Delhi, India (2006)
- Lawrence Surendra Madras University (2007)
- Linda Te Aho, University of Waikato (2011)





Past Partners

Over the years the International Conference on Environmental, Cultural, Economic & Social Sustainability has had the pleasure of working with the following organizations:



Cultural Development Network,
Melbourne, Australia (2005)



Hanoi University,
Hanoi, Vietnam (2006)



University of
South Australia

Hawke Research Institute,
University of South Australia,
Adelaide, Australia (2007–2009)



Japan for Sustainability,
Tokyo, Japan (2013)



Portland State
UNIVERSITY

Portland State University,
Portland, USA (2015)



RMIT
UNIVERSITY

RMIT,
Melbourne, Australia
(2005–2010)



Australian
National
University

The Australian National
University,
Canberra, Australia (2006)



The Globalization
Research Center,
University of Hawai'i at Manoa,
Honolulu, Hawai'i (2005)



UNESCO
Ha Long Bay World Heritage
Area, Vietnam (2006)



UNESCO
Hanoi Office,
Vietnam (2006)



சென்னை பல்கலைக்கழகம்
University of Madras

University of Madras,
Chennai, India (2007)



UNIVERSITY OF SPLIT
UNIVERSITAT SPLITSKA

University of Split,
Split, Croatia (2014)



University of
Technology, Mauritius,
Mauritius (2008)



Conference Principles and Features

The structure of the conference is based on four core principles that pervade all aspects of the Research Network:

International

This conference travels around the world to provide opportunities for delegates to see and experience different countries and locations. But more importantly, the On Sustainability Conference offers a tangible and meaningful opportunity to engage with scholars from a diversity of cultures and perspectives. This year, delegates from over 20 countries are in attendance, offering a unique and unparalleled opportunity to engage directly with colleagues from all corners of the globe.

Interdisciplinary

Unlike association conferences attended by delegates with similar backgrounds and specialties, this conference brings together researchers, practitioners, and scholars from a wide range of disciplines who have a shared interest in the themes and concerns of this research network. As a result, topics are broached from a variety of perspectives, interdisciplinary methods are applauded, and mutual respect and collaboration are encouraged.

Inclusive

Anyone whose scholarly work is sound and relevant is welcome to participate in this research network and conference, regardless of discipline, culture, institution, or career path. Whether an emeritus professor, graduate student, researcher, teacher, policymaker, practitioner, or administrator, your work and your voice can contribute to the collective body of knowledge that is created and shared by this research network.

Interactive

To take full advantage of the rich diversity of cultures, backgrounds, and perspectives represented at the conference, there must be ample opportunities to speak, listen, engage, and interact. A variety of session formats, from more to less structured, are offered throughout the conference to provide these opportunities.

Become a Partner

Common Ground Research Networks has a long history of meaningful and substantive partnerships with universities, research institutes, government bodies, and non-governmental organizations. Developing these partnerships is a pillar of our Research Network agenda. There are a number of ways you can partner with a Common Ground Research Network. Contact us at support@onsustainability.com to become a partner.





Plenary

Plenary speakers, chosen from among the world's leading thinkers, offer formal presentations on topics of broad interest to the community and conference delegation. One or more speakers are scheduled into a plenary session, most often the first session of the day. As a general rule, there are no questions or discussion during these sessions. Instead, plenary speakers answer questions and participate in informal, extended discussions during their Garden Conversation.



Garden Conversation

Garden Conversations are informal, unstructured sessions that allow delegates a chance to meet plenary speakers and talk with them at length about the issues arising from their presentation. When the venue and weather allow, we try to arrange for a circle of chairs to be placed outdoors.



Talking Circles

Held on the first day of the conference, Talking Circles offer an early opportunity to meet other delegates with similar interests and concerns. Delegates self-select into groups based on broad thematic areas and then engage in extended discussion about the issues and concerns they feel are of utmost importance to that segment of the community. Questions like "Who are we?", "What is our common ground?", "What are the current challenges facing society in this area?", "What challenges do we face in constructing knowledge and effecting meaningful change in this area?" may guide the conversation. When possible, a second Talking Circle is held on the final day of the conference, for the original group to reconvene and discuss changes in their perspectives and understandings as a result of the conference experience. Reports from the Talking Circles provide a framework for the delegates' final discussions during the Closing Session.



Themed Paper Presentations

Paper presentations are grouped by general themes or topics into sessions comprised of three or four presentations followed by group discussion. Each presenter in the session makes a formal twenty-minute presentation of their work; Q&A and group discussion follow after all have presented. Session Chairs introduce the speakers, keep time on the presentations, and facilitate the discussion. Each presenter's formal, written paper will be available to participants if accepted to the journal.



Colloquium

Colloquium sessions are organized by a group of colleagues who wish to present various dimensions of a project or perspectives on an issue. Four or five short formal presentations are followed by a moderator. A single article or multiple articles may be submitted to the journal based on the content of a colloquium session.



Focused Discussion

For work that is best discussed or debated, rather than reported on through a formal presentation, these sessions provide a forum for an extended “roundtable” conversation between an author and a small group of interested colleagues. Several such discussions occur simultaneously in a specified area, with each author’s table designated by a number corresponding to the title and topic listed in the program schedule. Summaries of the author’s key ideas, or points of discussion, are used to stimulate and guide the discourse. A single article, based on the scholarly work and informed by the focused discussion as appropriate, may be submitted to the journal.



Workshop/Interactive Session

Workshop sessions involve extensive interaction between presenters and participants around an idea or hands-on experience of a practice. These sessions may also take the form of a crafted panel, staged conversation, dialogue or debate—all involving substantial interaction with the audience. A single article (jointly authored, if appropriate) may be submitted to the journal based on a workshop session.



Poster Sessions

Poster sessions present preliminary results of works in progress or projects that lend themselves to visual displays and representations. These sessions allow for engagement in informal discussions about the work with interested delegates throughout the session.



Virtual Lightning Talk

Lightning talks are 5-minute “flash” video presentations. Authors present summaries or overviews of their work, describing the essential features (related to purpose, procedures, outcomes, or product). Like Paper Presentations, Lightning Talks are grouped according to topic or perspective into themed sessions. Authors are welcome to submit traditional “lecture style” videos or videos that use visual supports like PowerPoint. Final videos must be submitted at least one month prior to the conference start date. After the conference, videos are then presented on the network YouTube channel. Full papers can based in the virtual poster can also be submitted for consideration in the journal.



Virtual Poster

This format is ideal for presenting preliminary results of work in progress or for projects that lend themselves to visual displays and representations. Each poster should include a brief abstract of the purpose and procedures of the work. After acceptance, presenters are provided with a template, and Virtual Posters are submitted as a PDF or in PowerPoint. Final posters must be submitted at least one month prior to the conference start date. Full papers can based in the virtual poster can also be submitted for consideration in the journal.

Thursday, 19 January

8:00	Conference Registration Desk Open
9:00–9:45	Conference Welcome and Opening—Phillip Kalantzis-Cope, Director, Common Ground Research Networks, USA; David Humphreys, Reader, Environmental Policy, The Open University, Milton Keynes, UK; Axel Grael, Executive Secretary of Niterói, Rio de Janeiro, Brazil; Mr. Sidney Luiz de Matos Mello, Rector, Universidade Federal Fluminense, Niterói, Rio de Janeiro, Brazil
9:45–10:20	Plenary Session—Washington Fajardo, Brazilian Society for the Advancement of Science, and City Council Cultural Heritage Protection, Rio de Janeiro, Brazil
10:20–10:35	Coffee and Morning Refreshments
10:35–11:15	Talking Circles
11:15–11:20	Transition
11:20–13:00	Parallel Sessions
13:00	End of Sessions
15:00	Tour of Niteroi
20:00	Informal Reception: Drinks at H Hotel Bar

Friday, 20 January

8:00	Conference Registration Desk Open
9:00	Daily Update—Phillip Kalantzis-Cope, Director, Common Ground Research Networks, USA
9:10–9:30	Publishing Your Article with Common Ground
9:30–10:05	Plenary Session—Axel Grael, Executive Secretary of Niterói, Rio de Janeiro, Brazil
10:05–10:40	Plenary Session—Paulo Bidegain, Environmental Biologist, Planner and Policy Maker, Niterói, Rio de Janeiro, Brazil
10:40–11:00	Coffee Break
11:00–12:40	Parallel Sessions
12:40–13:30	Lunch
13:30–14:10	Parallel Sessions
14:15–14:25	Transition Break
14:25–16:00	Parallel Sessions
18:00	Dinner at Verdanna Grill

Saturday, 21 January

8:00	Conference Registration Desk Open
9:00	Daily Update—Phillip Kalantzis-Cope, Director, Common Ground Research Networks, USA
9:10–9:45	Plenary Session—Dr. Rômulo Paes Director, UNDP World Centre for Sustainable Development, Rio de Janeiro, Brazil
9:45–10:20	Plenary Session—Verena Andreatta, Municipal Secretariat of Urban Planning and Mobility of Niterói, Rio de Janeiro, Brazil
10:20–10:40	Coffee and Refreshments
10:40–12:20	Parallel Sessions
12:20–13:00	Closing Reception
15:00	Optional Rio Tour



Featured Sessions

Publishing Your Article or Book with Common Ground

Friday, 20 January | 9:10–9:30

Phillip Kalantzis-Cope, Director, Common Ground Research Networks, USA

Description: In this session we will present and discuss the On Sustainability Journal Collection. We will present an overview of Common Ground’s publishing philosophy and practices. We will also offer tips for turning conference papers into journal articles, present an overview of journal publishing procedures, introduce the On Sustainability Book Imprint, and provide information on Common Ground’s book proposal submission process.

The 2030 Agenda for Sustainable Development: To Sustain, or Not to Sustain

Friday, 20 January | 14:25–16:05

Dr. Spencer S. Stober, Graduate Studies, Alvernia University, Reading, USA

Description: The 2030 Agenda for Sustainable Development with seventeen goals was recently adopted by world leaders. This paper examines those goals in light of “weak” and “strong” perspectives on environmental sustainability.

Sustainable Urban Food Systems in Nairobi: Learning from Informality

Saturday, 21 January | 10:40–12:20

Dr. Andrea M. Brown, Political Science, Wilfrid Laurier University, Waterloo, Canada

Description: This study questions the links between the urban environment and urban hunger in Nairobi. How can informal coping strategies inform policy?



Special Events

Niterói City Tour

Thursday, 19 January | Time: 15:00

Cost: Included | Pick-Up Location: NAB (the conference venue)

We are pleased to offer a complimentary tour of Niterói to all registered delegates, which will take place after the first day of the conference, 19 January, at 15:00. The tour will pass through Icaraí and São Francisco beaches on its way to the first stop, the Fortaleza de Santa Cruz, the oldest protector fortress of the Guanabara Bay. Going back to the central region of Niterói the tour will stop at the Niemeyer Way and then will proceed to the MAC before coming back to the H hotel.

Informal Welcome Reception: Drinks at the H Hotel bar

Thursday, 19 January | Time: 20:00 | Location: The H Hotel

Please join us at the H Hotel for a drink and conversation after the first conference day - unwind with fellow delegates and enjoy the view.

Conference Dinner at the Verdanna Grill

Friday, 20 January | Time: 18:00

Cost: \$50.00 USD | Pick-Up Location: The H Hotel

We are pleased to offer delegates the option of joining us for dinner at the Verdanna Grill. Seats are limited, so please let us know if you will be joining us at your earliest convenience.

Closing Reception

Saturday, 21 January | Time: 12:20–13:00 | Location: NAB (the conference venue)

Please join your fellow delegates at the closing reception, to enjoy a drink and some light Brazilian fare before heading home. The reception will take place at the conference venue and is included in your registration cost.



Washington Fajardo

Brazilian Society for the Advancement of Science, and City Council Cultural Heritage Protection, Rio de Janeiro, Brazil



Washington Fajardo is an architect and urban planner. He is currently the president of the Rio World Heritage Institute and a Special Advisor on Urban Issues for Mayor Eduardo Paes. His most recent architectural project is the “Arena Carioca,” a cultural venue designed as a multi-purpose theater, among many other uses.

Axel Grael

Executive Secretary of Niterói, Rio de Janeiro, Brazil



Axel has 20 years of experience in positions of the main executive team of state and municipal government of Rio de Janeiro, with experience in public management, formulation of environmental policies, project management with external funding and management of environmental emergencies. He was Secretary of Environment of the State of Rio de Janeiro, president of the environmental state authority - FEEMA (twice), chairman of the State Forestry Institute, Planning and Environmental Education Coordinator of Environmental State of Rio de Janeiro Department and Executive Director of Parks and Gardens Foundation (City Hall of Rio de Janeiro). Already an environmental consultant, Grael has 15 years of experience, seven years as a part of large companies and four as an independent consultant. He developed environmental projects in all biomes, including the Amazon where, among other things, he developed studies in the Indigenous Area of Nhamundá-Mapuera-PA. He has worked with environmental studies, environmental planning and licensing, (including EIA / RIMA linear projects such as pipelines and the energy sector, in particular hydropower) Area Recovery Project Degraded (emphasis on developments in the mining sector), environmental programs in the industry, etc. In the third sector, he has recognized actions on the environmental and social movement. He began as an environmentalist in the 70s, at the age of 17, founding and chairing the Ecological Resistance Movement, and was a pioneer in the defense of Guanabara Bay. He chaired several other organizations since then, having founded and chaired the Institute Rumo Náutico, an organization which manages the “GRAEL Project”, an initiative recognized and awarded by the ISAF (International Sailing Federation), UNICEF, UNESCO and the program CHILD HOPE. In 2010, he was one of six finalists for the Social Entrepreneur Award, promoted by Folha de São Paulo and the Schwab Foundation. Academically, Axel received an invitation from UFRJ to develop a PhD in Geography, and was approved first in the selection process. He fulfilled the credits, but did not complete the thesis. He participates as a teacher or lecturer in several Post Graduate and MBA courses. He was ranked third in Public Tender for teaching at UFF- Universidade Federal Fluminense.

Paulo Bidegain

Environmental Biologist, Planner and Policy Maker, Niterói, Rio de Janeiro, Brazil



Paulo Bidegain is an environmental biologist, planner, and policy maker with extensive experience in parks and protected areas, environmental conservation, watershed planning, and environmental policy. Paulo has been in the Parks and Protected Areas field for almost 30 years, working in parks and environmental agencies, third sector organizations, and as consultant, in which he: designed five States Parks and three Municipal Parks, including acts that created them, as well as three private protected areas; produced several policies and management plans; managed a private reserve; worked as vice-president of Rio de Janeiro State Forest Institute; and was a team-member that designed the new Rio de Janeiro State Environmental Agency responsible for managing protected areas since 2009. Paulo also planned and managed the Ilha Grande State Park Strengthening Program (2007–2009) in which: park capital budget reached R\$ 14 million from R\$ 36,000, one of the highest in Brazil; operational budget went to R\$ 1,4 million from R\$ 150,000; the staff reached 36 professionals from only four; the size of the Park went to 12.052 ha from 4.330 ha; visitor center, infra-structure, vehicles, and equipment were added; scientific knowledge was improved, and partnership began with Ontario Parks Agency (Canada) and Queensland Park Department (Australia). Ilha Grande State Park was adopted by a private corporation that donated R\$ 5 million over five years. He successfully brought investments of US\$ 2.5 million through Ilha Grande Bay Integrated Ecosystem Management Plan, in partnership with FAO/GEF. Paulo has worked on all of South America's major biomes, such as the Amazon Forest, Atlantic Rain Forest; Pantanal (the largest freshwater marsh in the world), Cerrado scrublands and woodlands, Caatinga (dry vegetation with shrubs and cacti), and Pampa (Southern Prairie).

Dr. Rômulo Paes de Sousa

Director, UNDP World Centre for Sustainable Development, Rio de Janeiro, Brazil



Romulo Paes de Sousa, MD, PhD in Environmental Epidemiology (London School of Hygiene and Tropical Medicine) has been the Director of the UNDP World Centre for Sustainable Development in Rio de Janeiro since 2013. Previously, he was the Senior International Associate at the Institute of Social Development Studies at the University of Sussex (UK). He served as Deputy Minister of Social Development and Fight against Hunger of Brazil (2009–2012). Prior to that, he served as National Secretary of Evaluation and Information Management (2004–2007) in the same Ministry. Romulo has also worked as a consultant on health and social protection policies in Egypt, South Africa, Honduras, and the UK. His areas of research interest are: sustainable development, social protection policies, social inequality indicators, and health inequality. He has published six books and several scientific works on social protection policies and epidemiology. He currently maintains academic links with various institutions, including: Honorary Associate of the Institute of Development Studies (IDS), University of Sussex; Honorary Professor of the



Government School of the Oswaldo Cruz Foundation (Fiocruz); Research Associate of the Government Studies Center, Federal University of Rio Grande do Sul; and Associate Professor of the International Relations Institute, Pontifical Catholic University of Rio de Janeiro (PUC-Rio).

Verena Andreatta

Municipal Secretariat of Urban Planning and Mobility of Niterói, Rio de Janeiro, Brazil



Verena Andreatta holds a doctorate degree in Urbanism and Territorial Management by the Universitat Politècnica de Catalunya (Barcelona, 2007), amasters degree in Housing, Planning and Building from the Institute for Housing Studies (Rotterdam, 1984). Verena is also an architect and urban planner with a degree from the Faculdades Integradas Bennett (Rio de Janeiro, 1981). She currently serves as the Director of Urban Projects (1993) and President of the Instituto Pereira Passos, Rio de Janeiro municipality's Urban Planning Agency (1993–2000). During this period, activities involved the management of programs for urban rehabilitation and social integration such as “Favela-Bairro” and “Rio-Cidade.” Author of several articles in Spain and Brazil and published books in Rio de Janeiro, such as “Cidades Quadradas, Paraísos Circulares: os Planos Urbanísticos do Rio de Janeiro do Século XIX” issued by Mauad Editora (2006); Atlas Andreatta – Os planos urbanísticos do Rio de Janeiro de Beaurepaire-Rohan ao Plano Estratégico”, Editora Vivereidades (2008) and “Porto Maravilha Rio de Janeiro + 6 casos de sucesso de revitalização portuária”, Editora Casa da Palavra (2010). Currently, Verena is writing a book on Rio de Janeiro's waterfront and, with Farès el-Dahdah and Alida Metcalf, from Rice University, Houston, EUA, is working on mapping Rio's urban plans. Presently, she is in charge of the Municipal Secretariat of Urban Planning and Mobility of Niterói, Rio de Janeiro, Brazil.

Sina Abadzadesahraei



Sina Abadzadesahraei is a PhD candidate and researcher at the University of Northern British Columbia (UNBC). Sina completed his master's degree in water resources at the University of Algarve, Portugal, and received his bachelor's degree in Agricultural Engineering (Branch of Irrigation) from Iran University. In 2013, Sina joined the Northern Hydrometeorology Group (NHG), where he has been involved with several water management projects, in northeastern British Columbia, Canada. This experience has provided him with a strong skill set in the fields of hydrometeorological data acquisition and analysis, computer programming and statistics, preparation of technical reports, and use of state-of-the-art field equipment and data loggers. His research interests involve studying hydrology, watershed management, and surface and ground water modelling. He has had several full teaching assistant and lab instructor positions at UNBC. Sina is not only active in academics, as he is also the karate instructor at the UNBC Sports Centre.

Haris Alibašić



Dr. Haris Alibašić is an Assistant Professor in the Legal Studies and Public Administration Department at University of West Florida. Dr. Alibašić brings over 20 years of expertise and experience in the public sector, including working for the United Nations, NATO, and the Office of High Representative in Bosnia and Herzegovina, and directing energy, sustainability, and legislative affairs policies and programs for Grand Rapids, the second largest city in Michigan. In Grand Rapids, he promoted policies resulting in significantly reduced energy usage and cost and spurred substantial renewable energy investments.

Clarissa Marques Cunha



Clarissa is currently doing Postdoctoral Research at the New School of Social Research. She has her PhD in Law from UFPE-Brazil, and is currently a law professor at UPE/FACIPE/FADIC.

Marcelo Dionisio



Marcelo Dionisio is a PhD student at COPPEAD Business Institut – UFRJ in strategy, CSR and Sustainability with an MBA from ISG - Institut Supérieur de Gestion (Paris, France) and specializations at Pace University (New York, EUA) and International Management University of Asia (Tokyo, Japan) and graduated at UERJ in Management. Marcelo has professional experience in Sales and Marketing of MNC's, such as Procter & Gamble and Japan Tobacco International, in Latin America and as an entrepreneur in the areas of import/export, retail, and consulting for both international and local companies.

Fabiola Espinoza



Fabiola Espinoza was born in Lima, Peru. She is a biologist from the National University of San Marcos and holds a diploma in Sustainable Development. For over four years, she worked in Peru's National Park Service managing a marine protected area which involved supervision and evaluation of natural resources and promoting participatory processes with local organizations and community members. Since 2015, she has worked as the Programming and Training Specialist in the Community Based Environmental Program in Peace Corps/Peru, providing training and technical support to American volunteers and host country counterparts on community environmental projects as well she being the point of contact in Peru for the Let Girls Learn initiative, which seeks to promote girls' education and woman's empowerment in rural communities. She is an advocate in women's equality, enjoys nature, and loves the sea!

Kuntal Goswami



Kuntal Goswami started his career in the field of hospitality marketing (India) followed by retail management (Oman) and institutional marketing (India). After migrating to Australia, he worked as finance tutor in the university sector then shifted to the South Australian local government and worked as Senior Finance Officer and Corporate Service Manager for different local councils. After completing his honors, he started his PhD at the Northern Institute, Charles Darwin University (CDU), Alice Springs (Campus), Australia. In 2015, he enrolled into CDU-ANU Joint PhD program at the RegNet, Australian National University (ANU), Canberra, Australia.

Marisol Mata



Marisol was born and raised in Tucuman, Argentina, where she got her licentiate degree in Life Sciences. She is currently an MS Student in the Department of Horticultural Science at NC State University in Raleigh, North Carolina (USA). Her work focuses on pollinator health in urban landscapes, specifically pollen production and nutrient content in ornamental flowers and how they affect bee survival and growth. She is also interested in helping bridge the gap between science and society by participating in various projects that involve the community and the future of our very important pollinators. Through her work she wishes to make a difference in the way people think about environmental problems and give them tools to make positive and effective changes.



Mikhaela Correia Mattos



Mikhaela Correia Mattos has received her bachelor's degree in Environmental and Sanitary Engineering from the Centro Universitário de Caratinga (2013), Certificate in Environmental Licensing from the Instituto Superior de Educação de Afonso Cláudio (2014), and is currently a master's student in PRODEMA (Programa de Pós graduação em Desenvolvimento Regional e Meio Ambiente) at Universidade Estadual de Santa Cruz in Ilhéus - Bahia.

Alexander Rohan



Alexander Rohan is a PhD student at Oklahoma State University, USA. He has a background in engineering and has experience working in sustainable waste management at the grassroots in a developing country. His current interests lean towards taking an interdisciplinary approach in sustainable community development. 'Beauty from Trash' is one of his favorite taglines, not forgetting that people and processes always play an important role and must be at the heart too. He loves to see new places, get to know people and cultures, and is always willing to dialogue and exchange ideas.

Laura Santos



Laura graduated in economics at the State University of Campinas (2012). She holds a master's degree in Public Policies, Strategies, and Development from the Federal University of Rio de Janeiro (2015). Currently, she is a doctoral student in the same program and researcher of the Center for Research in Law and Economics (CPDE) from FGV Direito Rio. She has experience in the evaluation of public policies for rural areas, particularly those related to family farming. At present, she contributes to sustainable development studies, seeking to associate environmental law and economics knowledge.

Tim Stott



Tim Stott is professor of Physical Geography & Outdoor Education at Liverpool John Moores University, where he is a member of his Faculty's research leadership team & teaches on the BSc (Hons) Outdoor Education. His research interests are in fluvial geomorphology in pro-glacial areas and the impacts of climate change on erosion and sediment redistribution.

On behalf of Common Ground Research Networks, we would like to thank the Local Organizing Committee for their contribution to the Thirteenth International Conference on Environmental, Cultural, Economic & Social Sustainability.

- **Raimundo Damasceno**, Fluminense Federal University, Niterói, Brazil (NAB Coordinator)
- **Savio Bruno**, Fluminense Federal University, Niterói, Brazil (Ecology and Zoology)
- **Luis Vergara**, Niterói City Hall, Niterói, Brazil, MAC - Museum of Contemporary Arts, Niterói, Brazil
- **Eduardo Vilela**, Fluminense Federal University, Niterói, Brazil (Tourism)
- **Axel Graef**, Executive Secretary, Niterói City Hall, Niterói, Brazil
- **Valéria Braga**, Projects Management Office Coordinator, Niterói City Hall, Niterói, Brazil
- **Nathalia Telerski**, Communications Analyst, Niterói City Hall, Niterói, Brazil

THURSDAY, 19 JANUARY

THURSDAY, 19 JANUARY	
8:00-9:00	CONFERENCE REGISTRATION DESK OPEN
9:00-9:45	CONFERENCE WELCOME AND OPENING - PHILLIP KALANTZIS-COPE, DIRECTOR, COMMON GROUND PUBLISHING, USA; DAVID HUMPHREYS, READER, ENVIRONMENTAL POLICY, THE OPEN UNIVERSITY, MILTON KEYNES, UK; AXEL GRAEL, EXECUTIVE SECRETARY OF NITERÓI, RIO DE JANEIRO, BRAZIL; MR. SIDNEY LUIZ DE MATOS MELLO, RECTOR, UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RIO DE JANEIRO, BRAZIL; RAIMUNDO DAMASCENO, NAB COORDINATOR, FLUMINENSE FEDERAL UNIVERSITY, NITERÓI, BRAZIL
9:45-10:20	PLENARY SESSION - WASHINGTON FAJARDO, BRAZILIAN SOCIETY FOR THE ADVANCEMENT OF SCIENCE, AND CITY COUNCIL CULTURAL HERITAGE PROTECTION, RIO DE JANEIRO, BRAZIL
10:20-10:35	COFFEE AND MORNING REFRESHMENTS
10:35-11:15	TALKING CIRCLES
11:15-11:20	TRANSITION BREAK
11:20-13:00	PARALLEL SESSIONS
Room 1	<p>Public Participation and Response to Policy and Practice</p> <p>CyberGIS for Sustainable Mobility in New York City Dr. Hongmian Gong, <i>Department of Geography, Hunter College of the City University of New York, New York City, USA</i> <i>Overview:</i> A CyberGIS is developed to send data from smartphones to cloud computing for travel mode detection and transportation planning and provide feedbacks to users to encourage sustainable travel mode choices. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>The Value of Greening Urban Environments: A Pilot Study in Fair Park, Dallas David A. Driskill, <i>UrbanTech, College of Architecture, Texas Tech University, Lubbock, USA</i> Dr. Jennifer Vanos, <i>Department of Geosciences, Texas Tech University, Lubbock, USA</i> Tary Arterburn, <i>Landscape Architecture, Studio Outside, Dallas, USA</i> <i>Overview:</i> Using "park" as a noun rather than a verb, we model the future benefits of incorporating greenspace into a fair park for urban heat island reduction and air pollution mitigation. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>The Valley of Electronics: The Creation of a School and the Building of a Successful Industrial Cluster Dr. Helio Costa Jr., <i>Social Applied Sciences Institute, Federal University of Alfenas, Varginha, Brazil</i> <i>Overview:</i> This paper discusses the case of Santa Rita do Sapucaí, a small town in Brazil, that became an important industrial cluster after the creation of a technical school. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p>

THURSDAY, 19 JANUARY

11:20-13:00	PARALLEL SESSIONS
Room 2	<p>Addressing Environmental Sustainability</p> <p>The Impact of Human Activities and Climate Variations on Grassland Productivity by Structural Equation Modeling Prof. Yichun Xie, <i>Institute for Geospatial Research and Education, Eastern Michigan University, Ypsilanti, USA</i> <i>Overview:</i> This study applies variance based partial least squares structural equation modeling to investigate causal relationships between human-climate factors and grassland vegetation productivity represented by above-ground biomass. <i>Theme: Environmental Sustainability</i></p> <p>Jacaré River: A Hydrological Investigation for River Restoration in Niteroi, Brazil Alberto Figueiredo, <i>Department of Geology and Geophysics, Federal Fluminense University, Niteroi, Brazil</i> Felipe Monteiro dos Santos, <i>Federal Fluminense University, Niteroi, Brazil</i> Eberton Rodrigues de Oliveira Neto, <i>Niteroi, Brazil</i> Raquel Macedo Dias, <i>Niteroi, Brazil</i> Julia Pires de Oliveira Machado, <i>Niteroi, Brazil</i> Amanda Bourguignon Cecilio, <i>Niteroi, Brazil</i> Ana Luiza Muniz Lima, <i>Niteroi, Brazil</i> Bruna Lucca Carbonesi, <i>Niteroi, Brazil</i> Clara Pinto Ferreira Maia Porto, <i>Niteroi, Brazil</i> Israeli Rodrigo Mathias do Santos, <i>Niteroi, Brazil</i> Juliana Fernandes Araujo, <i>Niteroi, Brazil</i> Dione M. Marinho Castro, <i>Niteroi, Brazil</i> Sergio Ricardo Silveira Barros, <i>Federal Fluminense University, Niteroi, Brazil</i> <i>Overview:</i> This paper describes a hydrological investigation on the Jacaré river as a basis for river restoration. <i>Theme: Environmental Sustainability</i></p> <p>Evaluation of the Water Balance of a Shallow Lake Using a Combination of Field Measurements and a Distributed Physically-based Hydrological Model Sina Abadzadesahraei, <i>Natural Resources and Environmental Studies, University of Northern British Columbia, Prince George, Canada</i> Dr. Stephen Déry, <i>University of Northern British Columbia, Prince George, Canada</i> Dr. John Rex, <i>Ministry of Forests, Lands, and Natural Resource Operations, Prince George, Canada</i> <i>Overview:</i> Outcomes of this research are beneficial for researchers worldwide in that it aids understanding of how well a fully-distributed, coupled surface-groundwater model can estimate water balances compared to observational results. <i>Theme: Environmental Sustainability</i></p>

THURSDAY, 19 JANUARY

11:20-13:00	PARALLEL SESSIONS
Room 3	<p>Rethinking Sustainability</p> <p>When Future Becomes Present: A Further Understanding of the Environmental Crisis PhD Clarissa Marques, <i>Law Faculty, Pernambuco Integrated School, Recife, Brazil</i> <i>Overview:</i> This paper stresses "relocating" humanity's attitude towards nature and overcoming modern dichotomies, such as the opposition between man and nature, in order to evaluate drifting between human and non-human. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>The Origins and Interpretations of Sustainability Zachary A. Smith, <i>Environmental and Natural Resources, Politics and International Affairs, Northern Arizona University, Flagstaff, USA</i> <i>Overview:</i> This paper addresses history and current interpretations of sustainability. <i>Theme: Sustainability Policy and Practice</i></p> <p>Whose Sustainability Counts: Backcasting as a Tool to Incorporate Local Voices in Planning Processes Eva Wieners, <i>Center for Earth System Research and Sustainability, Institute of Geography, University of Hamburg, Hamburg, Germany</i> <i>Overview:</i> This study explores if backcasting is an adequate tool to include the voices of marginalized groups in project planning. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>The Ethics of Clean Energy: Wind Power in Bodrum, Turkey Dr. Marcie J Patton, <i>Department of Politics, Fairfield University, Fairfield, USA</i> <i>Overview:</i> My paper explores the ethical dimensions of renewable energy and the meaning of environmental sustainability via a case study of community resistance to the installation of wind turbines in Turkey. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p>

THURSDAY, 19 JANUARY

11:20-13:00	PARALLEL SESSIONS
Room 4	<p>Environmental Sustainability Management</p> <p>Maximizing Resource Recovery from Wastewater: New Alternatives for Biofuels and Animal Feed Dr. Lance Schideman, <i>Illinois Sustainable Technology Center, University of Illinois at Urbana-Champaign, Champaign, USA</i> <i>Overview:</i> Municipal wastewater and manure contain significant amounts of residual organics and nutrients that can be converted into large-scale, sustainable resources for bioenergy and animal feed. <i>Theme: Environmental Sustainability</i></p> <p>A Climate Smart Sustainability Management Tool: Reducing the Environmental Impacts of Fertilizer Application Practices Dr. Francois Visser, <i>School of Agriculture and Food Sciences, University of Queensland, Brisbane, Australia</i> <i>Overview:</i> This paper discusses a climate smart cropping sustainability tool to quantify environmental impact improvements generated by practice changes, while also tracking profitability, thereby identifying win-win cropping scenarios. <i>Theme: Environmental Sustainability</i></p> <p>Onsite Construction Waste Management in the United Kingdom: Current Practice, Impediments, and Facilitators Dr. Mohamed Osmani, <i>School of Civil and Building Engineering, Loughborough University, Loughborough, UK</i> Bousmaha Baiche, <i>Oxford Brookes University, Oxford, UK</i> Karim Hadjri, <i>University of Central Lancashire, Preston, UK</i> <i>Overview:</i> This research investigates causes of construction wastes, existing onsite waste management practices in the UK, and impediments and facilitators to a comprehensive waste streamline program. <i>Theme: Environmental Sustainability</i></p> <p>Relevance of Certifications and Deforestation-free Commitments in the Palm Oil Sector: Preventing the Southeast Asian Haze Yi Han Tan, <i>PM.Haze, Singapore, Singapore</i> Dr. Charles CC Lee, <i>School of Environmental and Life Sciences, University of Newcastle, Singapore, Singapore</i> Wen Zhang, <i>PM.Haze, Singapore, Singapore</i> Benjamin W. Tay, <i>PM.Haze, Singapore</i> <i>Overview:</i> RSPO certification and deforestation-free commitments were found to be partially relevant in preventing fires within concessions, but to effectively prevent haze, a landscape approach is required. <i>Theme: Environmental Sustainability</i></p>

THURSDAY, 19 JANUARY

11:20-13:00	PARALLEL SESSIONS
Room 5	<p>Supporting Cultural Sustainability</p> <p>The Role of Children in the Sustainable Preservation of Cultural Heritage: Rieldans in South Africa Prof. Thomas van der Walt, <i>Department of Information Science, University of South Africa, Pretoria, South Africa</i> <i>Overview:</i> This paper discusses the important role that children could play in sustainability safeguarding of intangible heritage by referring to a traditional dance of South Africa, the “rieldans.” <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Katxuyana Ethnographic Collections: Reflections about Cultural Sustainability, Museums, and the Amerindian People in Brazil and Denmark Adriana Russi, <i>Department of Arts and Cultural Studies, Federal Fluminense University, Rio de Janeiro, Brazil</i> Astrid Kieffer-Døssing, <i>Arhus, Denmark</i> Marcela Endreffy, <i>Rio de Janeiro, Brazil</i> <i>Overview:</i> This paper discusses the meaning of cultural sustainability and sustainable heritage development, highlighting the Amerindian Katxuyana ethnographic collections in Brazil and Denmark and their sense of belonging and identity. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Social Innovations towards a Regenerative Culture: An Ethnographic Study of Findhorn Ecovillage, Scotland Taisa Mattos, <i>Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Cecilia de Mello e Souza, <i>Institute of Psychology, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> Ecovillages are social innovations, seeds of a regenerative culture, which are developing tools, technologies, and methodologies to promote community, quality of life, low environmental impact, and low consumption. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>The Hermeneutics of Art as a Driver of Urban Socio-cultural Sustenance Spatially: Kalighat to Kolkata Mainak Ghosh, <i>Department of Architecture and Regional Planning, Indian Institute of Technology Kharagpur, Kolkata, India</i> Saptarshi Kolay, <i>Department of Architecture and Planning, Indian Institute of Technology Roorkee, Roorkee, India</i> Amitava Adhikari, <i>Tripura University, Suryamaninagar, India</i> <i>Overview:</i> This paper investigates the interpretation of traditional art, as continuum to urban socio-cultural sustenance and spatial attributes, in the context of an urban folk-art evolved in the backdrop of Kolkata. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p>
13:00-13:05	END OF SESSIONS - BREAK FOR LUNCH BEFORE TOUR
15:00-17:00	NITEROI CITY TOUR
19:00-20:00	WELCOME DRINK AT HOTEL

FRIDAY, 20 JANUARY

FRIDAY, 20 JANUARY	
9:00-9:10	DAILY UPDATE
9:10-9:30	PUBLISHING YOUR BOOK OR ARTICLE WITH COMMON GROUND
9:30-10:05	PLENARY SESSION - DR. RÔMULO PAES DIRECTOR, UNDP WORLD CENTRE FOR SUSTAINABLE DEVELOPMENT, RIO DE JANEIRO, BRAZIL
10:05-10:40	PLENARY SESSION - VERENA ANDREATTA, MUNICIPAL SECRETARIAT OF URBAN PLANNING AND MOBILITY OF NITERÓI, RIO DE JANEIRO, BRAZIL
10:40-11:00	MORNING COFFE AND BREAK
11:00-12:40	PARALLEL SESSIONS
Room 1	<p>Creating Community Cooperation: Challenges and Opportunites for State and Society</p> <p>A Cross-cultural Assessment of Pro-environmental Behaviors from Two Communities: A Pilot Study Dr. Srijana Bajracharya, <i>Department of Health Promotion and Physical Education, Ithaca College, Ithaca, USA</i> <i>Overview:</i> This paper assesses community members' attitudes regarding pro-environmental behaviors and perceptions of social norm, self-identity, moral obligation, and behavioral control from the United Kingdom and the United States. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Local Development and Mining Dependence: Reflections on the Samarco Case in Mariana, Minas Gerais Laura Meneghel dos Santos, <i>Center for Research in Law and Economics, Rio de Janeiro Law School of Getulio Vargas Foundation, Rio de Janeiro, Brazil</i> Dr. Antônio José Maristrello Porto, <i>Center for Research in Law and Economics, Rio de Janeiro Law School of Getulio Vargas Foundation, Rio de Janeiro, Brazil</i> <i>Overview:</i> Considering the occurrence of the largest Brazilian environmental disaster, our study problematizes the consequences of mining activity in local sustainable development of Mariana's municipality. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>The Commitment to Sustainable Development in Three Australian States: A Case Study Kuntal Goswami, <i>Charles Darwin University, Australian National University, Adelaide, Australia</i> <i>Overview:</i> This paper investigates the political and economic context, the influences, and the process of adoption of a sustainable development-based strategic plan in three Australian states. <i>Theme: Sustainability Policy and Practice</i></p> <p>Sustainable Interactions between Psychological Processes Underlying Human Behavior and the Built Environment: The Case of Ljubljana, the Zero Waste City Assoc. Prof. Bojan Grum, <i>European Faculty of Law, Ljubljana, Slovenia</i> Prof. Darja Kobal Grum, <i>Department of Psychology, Faculty of Arts, University of Ljubljana, Ljubljana, Slovenia</i> <i>Overview:</i> Since environmental stress has an impact on human and built environment relations, we focus on re-design of our society so that all waste is recycled back into the system. <i>Theme: Environmental Sustainability</i></p>



FRIDAY, 20 JANUARY

11:00-12:40	PARALLEL SESSIONS
Room 2	<p>Environmental Governance and Climate Change</p> <p>Regional Cooperation on Marine Environmental Governance: Findings from a Research Project on Baltic Sea Eutrophication Dr. Björn Hassler, <i>Department of Natural Science, Technology, and Environmental Studies, Södertörn University, Stockholm, Sweden</i> <i>Overview:</i> Nutrient leakage comprises a complex, environmental governance problem. This research suggests that farmer norms and contested knowledge claims need to be better understood to improve implementation of mitigation strategies. <i>Theme: Sustainability Policy and Practice</i></p> <p>Seas: Natural Capital Assets Prof. Mordechai Shechter, <i>Natural Resource and Environmental Research Center, University of Haifa, Haifa, Israel</i> Dr. Shiri Shamir, <i>Natural Resource and Environmental Research Center, University of Haifa, Haifa, Israel</i> <i>Overview:</i> This study is an analysis and valuation of marine ecosystem services and marine natural capital in the Mediterranean Sea. <i>Theme: Environmental Sustainability</i></p> <p>The Ilha Grande Ecodevelopment Institute, Angra dos Reis, Rio de Janeiro State, Brazil: An Integrative Approach to Local Sustainable Development Dr. Raimundo Damasceno, <i>Biomass and Water Management Research Center, Federal Fluminense University, Niterói, Brazil</i> José Luiz Zaganelli, <i>Ilha Grande Bay Econodevelopment Institute, Angra dos Reis, Brazil</i> Dr. Olympio Faissol, <i>Ilha Grande Ecodevelopment Institute, Rio de Janeiro, Brazil</i> Renan Ribeiro e Silva, <i>Ilha Grande Ecodevelopment Institute, Angra do Reis, Brazil</i> Carloso Mauricio Vicuña Cabeza, <i>Marine Larviculture Labs, Angra dos Reis Ecodevelopment Institute, Angra dos Reis, Brazil</i> <i>Overview:</i> This project eliminates the threat of extinction of the lion's paw scallop, (<i>Nodipecten nodosus</i>) a native mollusk of the Ilha Grande Bay, and its production on an industrial scale. <i>Theme: Environmental Sustainability</i></p>

FRIDAY, 20 JANUARY

11:00-12:40	PARALLEL SESSIONS
Room 3	<p>Teaching Sustainability in Higher Education</p> <p>Ecocriticism for the Makers of the Built Environment: The Place of Sustainability in Architecture and Urban Planning Education Dr. Tyana Santini, <i>Architecture Faculty, Universidad ORT Uruguay, Montevideo, Uruguay</i> <i>Overview:</i> Despite the attention to technical aspects of sustainability in university programs, it is still necessary to educate future architects and urban planners on theoretical and historical perspectives of environmental issues. <i>Theme: Sustainability Education</i></p> <p>Leading Change for Sustainability in Education: A Cross-organizational Approach Dr. Beate Klingenberg, <i>School of Management and School of Sciences, Lorenzo de' Medici School, Firenze, Italy</i> Dr. Susan Kochanowski, <i>Vanderbilt University, Nashville, USA</i> <i>Overview:</i> This paper describes a "triple dilemma" of misalignment between stakeholders, representing change barriers for implementing sustainability in higher education. It attempts to identify an effective, system-wide change agent. <i>Theme: Sustainability Education</i></p> <p>The Master's in Development Practice in Brazil after Five Years: Outcomes in the Field of Education for Sustainable Development Dr. Flávia Souza Rocha, <i>Department of Environmental Sciences, Federal Rural University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Sílvia Regina Goi, <i>Federal Rural University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. André Felipe Nunes de Freitas, <i>Federal Rural University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Rodrigo Medeiros, <i>Conservation International in Brazil, Rio de Janeiro, Brazil</i> <i>Overview:</i> We discuss the experience of the Master's in Development Practice in Brazil, a cross-disciplinary program and part of the Global Association of MDPs (Columbia University, NYC, USA). <i>Theme: Sustainability Education</i></p> <p>Environmental Educommunication and Ecology of Knowledge in Caiçara Community of Praia do Sono, Paraty, Brazil Gustavo Carvalhaes Xavier Martins Pontual Machado, <i>Observatory for Sustainable and Healthy Territories of Bocaina, Oswaldo Cruz Foundation, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Cristina Haguenaue, <i>Psycho-Sociology of Communities and Social Ecology, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Lucia Carrera, <i>Observatory for Sustainable and Healthy Territories of Bocaina, Oswaldo Cruz Foundation, Rio de Janeiro, Brazil</i> Edmundo Gallo, <i>Observatory for Sustainable and Healthy Territories of Bocaina, Oswaldo Cruz Foundation, Rio de Janeiro, Brazil</i> <i>Overview:</i> This paper discusses a project focused on ecological sanitation developed on the principles of ecology of knowledge and environmental educommunication evaluated with qualitative methodology in Praia do Sono, Brazil. <i>Theme: Sustainability Education</i></p>

FRIDAY, 20 JANUARY

11:00-12:40	PARALLEL SESSIONS
Room 4	<p>Corporate and Organizational Sustainability</p> <p>Triple Collaboration for Innovation and Sustainability: A Study Case of a Manufacturing Enterprise Agnes Franco Temple, <i>Department of Management Science, Pontifical Catholic University of Peru, Lima, Peru</i> Manuel Alejandro Diaz Gamarra, <i>Department of Management Science, Pontifical Catholic University of Peru, Lima, Peru</i> María Elena Sánchez, <i>Department of Management Science, Pontifical Catholic University of Peru, Lima, Peru</i> <i>Overview:</i> This research analyzes one manufacturing enterprise in Peru, looking at what elements drove triple cooperation (private, public sector, and academia) to conduct innovative and eco-friendly research and development projects. <i>Theme: Sustainability Policy and Practice</i></p> <p>The Diffusion Mechanism of Energy Conservation in Japan: The Case of Small- and Medium-sized Enterprises Prof. Hyunyoung Lee, <i>Department of Environmental Design, Faculty of Collaborative Regional Innovation, Ehime University, Matsuyama, Japan</i> Sakamoto Yuka, <i>Health and Living Sciences Education, Naruto University of Education, Naruto-shi, Japan</i> Yoshizawa Yasuyo, <i>Graduate School of Management, Kagawa University, Takamatsu-shi, Japan</i> <i>Overview:</i> This research analyzes the diffusion mechanism of energy conservation of small- and medium-sized enterprises by applying Rogers' diffusion theory in Japan. <i>Theme: Sustainability Policy and Practice</i></p> <p>Nonprofit Organizations in Argentina: Can They Attain Both Social and Economic Sustainability? Dr. Stephen John Beaumont, <i>Centro de Tecnología para el Desarrollo, Buenos Aires, Argentina</i> <i>Overview:</i> In Argentina, many nonprofit organizations rely mainly on state funding to achieve their missions. This, in time, creates state-dependent organizations that cannot stand on their own without everlasting subsidies. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Sustainability as Fundamental for Organizational Growth Marcelo Dionisio, <i>COPPEAD Graduate School of Business, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> This paper argues, based on growth, decline, and stakeholder theory, that sustainability is vital for organizational growth and long-term survival. <i>Theme: Environmental Sustainability</i></p>

FRIDAY, 20 JANUARY

11:00-12:40	PARALLEL SESSIONS
Room 5	<p>Paper Session in Portuguese</p> <p>Estudo da Relacao Entre Responsabilidade Social Corporativa e Criacao de Valor a Partir de Um Modelo de Quatro Fatores Alexandre Antunes Teixeira, <i>Pesquisa econômica, Fundação Getúlio Vargas (EESP-FGV), São Paulo, Brazil</i> Ricardo Ratner Rochman, <i>São Paulo, Brazil</i> <i>Overview:</i> Trabalho utiliza modelo de quatro fatores - tradicional modelo Fama-French de três fatores, mais um fator de sustentabilidade - para avaliar relação entre Responsabilidade Social Corporativa e retorno das ações. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Territorio Ilhota: Uma Outra Cidade Profa. Cláudia Zanatta, <i>Instituto de Artes, Universidade Federal do Rio Grande do Sul-UFRGS, Porto Alegre, Brazil</i> Fernanda Lenzi, <i>Instituto de Artes, Universidade Federal do Rio Grande do Sul-UFRGS, Porto Alegre, Brazil</i> <i>Overview:</i> O projeto Comunidade Território Ilhota trata sobre uma parceria de trabalho entre uma comunidade em vulnerabilidade social em Porto Alegre e uma universidade pública, tendo como foco o ambiente. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Direito à Cidade Sustentável: Um Olhar Sobre o Distrito Industrial de Santa Cruz Célio da Silva Pupo Junior, <i>Mestrado Acadêmico em Administração, Universidade Rural do Rio de Janeiro, Nova Friburgo, Brazil</i> Dr. Luiz Alberto de Lima Leandro, <i>Universidade Federal Rural do Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> Busca analisar os conceitos teóricos de Justiça Ambiental, Zonas de Sacrifício e Direito à Cidade, para, sob esta ótica, analisar o Distrito Industrial de Santa Cruz <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Experimentação de Outras Formas de Produzir Conhecimento a Partir da Troca Entre Saberes Tradicionais e Acadêmicos Profa. Cláudia Zanatta, <i>Universidade Federal do Rio Grande do Sul, UFRGS, Porto Alegre, Brazil</i> Fernanda Lenzi, <i>UFRGS, Porto Alegre, Brazil</i> Tayhy Grehs, <i>Artes Visuais, UFRS, Porto Alegre, Brazil</i> Dra. Kubo Rumi, <i>Departamento de Ciências Econômicas e Relações Internacionais, UFRS, Porto Alegre, Brazil</i> Bruna Gabriele Rodrigues, <i>UFRS, Porto Alegre, Brazil</i> Cerise Gomes, <i>Porto Alegre, Brazil</i> <i>Overview:</i> Vídeo que relata trabalho realizado a partir de uma parceria de trabalho entre uma comunidade indígena no RS e Universidade Federal do RS. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p>

FRIDAY, 20 JANUARY

11:00-12:40	PARALLEL SESSIONS
Room 6	<p>Sustainability Maintenance, Practice, and Adaptation</p> <p>Watershed Transposition Cycle with Irrigated Biomass Dr. Julian David Hunt, <i>Energy Planning Program, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> This paper introduces the "Watershed Transposition Cycle," thus increasing hydroelectric generation potential, energy storage potential, water for irrigated biomass and agriculture, and creation of a mechanism to control the climate. <i>Theme: Environmental Sustainability</i></p> <p>Evaluation of the Removal of Copper in Synthetic Effluent Using HDPE Composites Reinforced with Vegetal Biomasses Dr. Bruno C. Gambarato, <i>University Centre of Volta Redonda, Volta Redonda, Brazil</i> Marina Jardim Faria Araujo, <i>Environmental Engineering, University Center of Volta Redonda, Volta Redonda, Brazil</i> <i>Overview:</i> This study evaluates the adsorption efficiency of copper present in synthetic effluent by HDPE composites reinforced with sugarcane bagasse, royal palm, and macadamia nuts. <i>Theme: Environmental Sustainability</i></p> <p>The Use of Sustainable Agricultural Inputs for Production of Cactus for Fodder in a Brazilian Semi-arid Region: Stonemeal Technology as a Potential Tool for Agroecology in a Quilombola Community Fernanda de Paula Medeiros, <i>Postgraduate Program in Environment and Rural Development, University of Brasília, Brasília, Brazil</i> Suzi Huff Theodoro, <i>University of Brasília, Brasília, Brazil</i> <i>Overview:</i> This paper discusses stonemeal technology as a potential tool for agroecology in the polyculture cactus for fodder in a Quilombola community in the Brazilian semi-arid region. <i>Theme: Environmental Sustainability</i></p> <p>Assessing Ecosystem Services from the Perspective of Soil's Physical-chemical Characteristics in the Divici-Pojejena Wetland, Romania Mihaela Andreea Moncea, <i>Impact of Built Environment and Nanomaterials Departments, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Monica Matei, <i>Climate Change and Sustainable Development Department, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Madalina Boboc, <i>Natural Resource Management and Green Energy Department, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Diana Dumitru, <i>Impact of Built Environment and Nanomaterials Departments, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Lucian Laslo, <i>Climate Change and Sustainable Development Department, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Cristina Musat, <i>Natural Resource Management and Green Energy Department, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Marius Raischi, <i>Natural and Technological Hazards Department, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> György Deak, <i>National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> <i>Overview:</i> This paper analyses the influence soil characteristics have on the wetland ecosystem considering that it can affect the water regime and biochemical activity among others. <i>Theme: Environmental Sustainability</i></p>
12:40-13:30	LUNCH



FRIDAY, 20 JANUARY

13:30-14:15	PARALLEL SESSIONS
Room 1	<p>Posters</p> <p>Hydro Energy and Privatization of Water Rights in Turkey Prof. Murat Germen, <i>Faculty of Arts and Social Sciences, Sabanci University, Istanbul, Turkey</i> <i>Overview:</i> The percentage of hydropower in developed countries is on average roughly five percent. While the gain is so minimal the loss is massive. <i>Theme: Environmental Sustainability</i></p> <p>The Effectiveness of Aesthetically Pleasing Rain Gardens: A Study of Iowa's Native Prairie Plants Annika Helverson, <i>Biology Department, Grinnell College, Grinnell, USA</i> Samantha Snodgrass, <i>Biology Department, Grinnell College, Grinnell, USA</i> <i>Overview:</i> Plant root structure and transpiration rates impact the ability of plants to take up water. These factors, along with their visual appeal, must be considered when choosing rain garden plants. <i>Theme: Environmental Sustainability</i></p> <p>Endocrine Disruptors and Their Impacts on Water Environments Danieli Cunha, <i>Federal Fluminense University, Niteroi, Brazil</i> Samuel Muylaert, <i>Rio de Janeiro State University, Niterói, Brazil</i> Estefan M. da Fonseca, <i>Ocean and Earth Dynamics Program, Federal Fluminense University, Niterói, Brazil</i> Daniele Bila, <i>Rio de Janeiro State University, Rio de Janeiro, Brazil</i> <i>Overview:</i> This study shows endocrine disruptors impacts on aquatic ecosystems and analyzes the state of the art of legislation relating to endocrine disruptors in Europe, the United States, and Brazil. <i>Theme: Environmental Sustainability</i></p> <p>The Use of Colombian Palm Oil Fuel Ash in Alkali Activated Cement Stabilized Soil Blocks Jose Reynaldo Zelaya, <i>Faculty of Architecture, National University of Colombia at Medellín, Medellín, Colombia</i> Juan Carlos Ochoa, <i>School of Construction, Faculty of Architecture, National University of Colombia at Medellín, Medellín, Colombia</i> Yhan Paul Arias, <i>School of Construction, Faculty of Architecture, National University of Colombia at Medellín, Medellín, Colombia</i> <i>Overview:</i> This study investigates the use of by-products obtained from the Colombian palm oil industry to elaborate alkali activated cement stabilized soil block, a sustainable construction material. <i>Theme: Environmental Sustainability</i></p> <p>Concentrated Animal Feeding Operations, Conflict, and Compromise: An Ethnographic Approach to Conflict over Livestock in Iowa Elizabeth Jean Queathem, <i>Biology Department, Grinnell College, Grinnell, USA</i> Julia Schafer, <i>Religious Studies Department, Grinnell College, Grinnell, USA</i> <i>Overview:</i> Concentrated animal feeding operations increase efficiency, but also create friction between farmers and neighbors in rural communities in Iowa. We interviewed thirteen people to explore this source of conflict qualitatively. <i>Theme: Environmental Sustainability</i></p>



FRIDAY, 20 JANUARY

13:30-14:15	PARALLEL SESSIONS
	<p>The Serra da Tiririca Cat and Dog Project: Partial Population Control Data in the Serra da Tiririca State Park Savio Freire Bruno, <i>Department of Pathology and Clinical Veterinary, Federal Fluminense University, Niteroi, Brazil</i> Gabriela Lins, <i>Department of Pathology and Clinical Veterinary, Federal Fluminense University, Niteroi, Brazil</i> Daiana Angelo, <i>Niteroi, Brazil</i> Beatriz Teixeira, <i>Niteroi, Brazil</i> Gisela Gioia, <i>Niteroi, Brazil</i> Felipe Queiroz, <i>Serra da Tiririca State Park, Rio de Janeiro State Environmental Institute, Niteroi, Brazil</i> Aline Moreira de Souza, <i>Department of Pathology and Clinical Veterinary, Federal Fluminense University, Niteroi, Brazil</i> Fabio Otero Ascoli, <i>Firmino Marsico Filho Veterinary University Hospital, Federal Fluminense University, Niteroi, Brazil</i> Prof. Phillippe Bauer de Araujo Doria, <i>Department of Pathology and Clinical Veterinary, Federal Fluminense University, Niteroi, Brazil</i> Joao Marcelo Silva Silveira, <i>Department of Pathology and Clinical Veterinary, Federal Fluminense University, Niteroi, Brazil</i> Overview: The Serra da Tiririca Cat and Dog Project performs population control of domestic animals in this conservation unit to avoid zoonosis transmission and impact on native fauna. Theme: Environmental Sustainability</p> <p>Distribution and Habitat Use of Mesoclemmys hoguey (Hoge's Sideneck Turtles) in the Médio Paraíba do Sul Region: A Basis for Conservation and Sustainable Development Fernando Matias de Melo, <i>State Conservation Units, Biodiversity Board, Instituto Estadual do Ambiente, Rio de Janeiro, Brazil</i> Bruno Jorge Batista dos Santos, <i>Rio de Janeiro, Brazil</i> Diego Ramos Inácio, <i>Rio de Janeiro, Brazil</i> Ricardo da Silva Gomes, <i>Federal Fluminense University, Rio de Janeiro, Brazil</i> Savio Freire Bruno, <i>Department of Pathology and Clinical Veterinary, Federal Fluminense University, Rio de Janeiro, Brazil</i> Overview: This work introduces information about Hoge's sideneck turtles, an endangered species, in order to contribute to the conservation of its habitat. Theme: Environmental Sustainability</p> <p>Basic Sanitation as Public Policies to Promote Socio-environmental Sustainability Fabiane Bertoni dos Reis Soares, <i>Federal Fluminense University, Niteroi, Brazil</i> Jefferson Fernandes, <i>Federal Fluminense University, Niteroi, Brazil</i> Juliana Pamplona Silva, <i>Federal Fluminense University, Niteroi, Brazil</i> Estefan M. da Fonseca, <i>Ocean and Earth Dynamics Program, Federal Fluminense University, Niteroi, Brazil</i> Overview: This study introduces a project that supports thirty-two municipalities from Espirito Santo State to build their sanitation plan in accordance with the Law 11.445/ 2007 in order to promote sustainability. Theme: Sustainability Policy and Practice</p> <p>The Sustainability of Quality Control Mechanisms for HIV Sentinel Surveillance in India: An Experience of a Regional Institute in India Dr. Sanjay K Rai, <i>Centre for Community Medicine, All India Institute of Medical Sciences, New Delhi, India</i> Overview: This study introduces the sustainability of quality control mechanisms for HIV Sentinel Surveillance in India, highlighting a regional institute experience. Theme: Sustainability Policy and Practice</p>

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13:30-14:15	PARALLEL SESSIONS
	<p>Local Environmental Sustainability and Family Farming in the Municipality of Maraú, Bahia Mikhaela Mattos, <i>Regional Development and the Environment, State University of Santa Cruz, Ilhéus, Brazil</i> Christiana Profice, <i>Regional Development and the Environment, State University of Santa Cruz, Ilhéus, Brazil</i> <i>Overview:</i> This work involves associations of family farmers in the municipality of Maraú, Bahia and their local sustainability, where we conducted a participatory qualitative and quantitative research in the research-action modality. <i>Theme: Sustainability Policy and Practice</i></p> <p>Collaborative Networks and Their Relation to Sustainable Development Goals Amanda Navarro, <i>Institute of Biosciences, Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Michelle Cristina Sampaio, <i>Institute of Biosciences, Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> This poster is a mapping of collaborative networks that aim at sustainability in their spaces of action and the alignment of their purposes with Sustainable Development Goals. <i>Theme: Sustainability Policy and Practice</i></p> <p>A Program for Healthy Eating Practices in India Dr. Puneet Misra, <i>Community Medicine, All India Institute of Medical Sciences, New Delhi, India</i> Shashi Kant, <i>All India Institute of Medical Sciences Delhi, Delhi, India</i> Anand Krishnan, <i>All India Institute of Medical Sciences Delhi, Delhi, India</i> <i>Overview:</i> This study discusses developing a program for healthy eating practices from locally available low-cost food and program sustainability in rural areas of a community in North India. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Recyclable Waste Collectors and Corporate Social Responsibility: A Bibliometric Analysis Iasmin Ferreira da Cruz Godinho, <i>Institute of Biosciences, Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Rodrigo Amado dos Santos, <i>Department of Domestic Economy and Hotel Business, Federal Rural University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Michelle Cristina Sampaio, <i>Institute of Biosciences, Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> This study performs a bibliometric analysis on the role of recyclable waste pickers in actions that involve the return of solid waste to the business sector. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Produção Florestal e Agricultura Familiar: O caso da Região Serrana Fluminense Raíssa Tamassia Côrtes, <i>Instituto de Florestas, Departamento de Ciências Ambientais., Universidade Federal Rural do Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> O estudo apresenta a dinâmica da produção florestal em propriedades de agricultura familiar. Busca-se compreender o manejo adotado nessas propriedades, e sua capacidade de abastecer o mercado local de madeira. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Seasonal Variability in the Madeira River Water Chemistry Luiz H. Fontana, <i>Federal Fluminense University, São Gonçalo, Brazil</i> Leonardo Lima, <i>Federal Fluminense University, Rio de Janeiro, Brazil</i> Jéssica de F. Delgado, <i>Federal Fluminense University, Rio De Janeiro, Brazil</i> Estefan M. da Fonseca, <i>Ocean and Earth Dynamics Program, Federal Fluminense University, Niterói, Brazil</i> <i>Overview:</i> This study evaluates the water geochemistry dynamic of the Madeira River in the adjacent area of Porto Velho municipality. <i>Theme: Environmental Sustainability</i></p>

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13:30-14:15	PARALLEL SESSIONS
	<p>Heavy Metal Concentrations in Oysters from the Curimataú Estuarine Complex in Brazil</p> <p>Leonardo Lima, <i>Federal Fluminense University, Rio de Janeiro, Brazil</i> Jéssica de F. Delgado, <i>Federal Fluminense University, Rio De Janeiro, Brazil</i> Estefan M. da Fonseca, <i>Ocean and Earth Dynamics Program, Federal Fluminense University, Niterói, Brazil</i> Carlos Augusto Ramos e Silva, <i>Federal Fluminense University, Niterói, Brazil</i> <i>Overview:</i> This study evaluates heavy metal levels in oysters, <i>Crassostrea rhizophorae</i>, using biomonitors in the Curimataú Estuarine system, in the Rio Grande Northeast of Brazil. <i>Theme: Environmental Sustainability</i></p> <p>Contaminant Level Variations at the Disposal Site following the Dredging of the Rio de Janeiro Harbor</p> <p>Jéssica de F. Delgado, <i>Federal Fluminense University, Niterói, Brazil</i> Lucas da Cruz Ramos, <i>Federal Fluminense University, Niterói, Brazil</i> Leonardo Lima, <i>Federal Fluminense University, Niterói, Brazil</i> Estefan M. da Fonseca, <i>Ocean and Earth Dynamics Program, Federal Fluminense University, Niterói, Brazil</i> <i>Overview:</i> This study evaluates a dredging disposal site for the evolution of contamination levels. <i>Theme: Environmental Sustainability</i></p>

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13:30-14:15	PARALLEL SESSIONS
Room 2	<p>Virtual Lightning Talks</p> <p>Thermo-chemical Conversion of Renewable or Waste Biomass/Material to Bio-oils Dr. Brajendra Sharma, <i>Prairie Research Institute, Illinois Sustainable Technology Center, University of Illinois at Urbana-Champaign, Champaign, USA</i> <i>Overview:</i> The Illinois Sustainable Technology Center at the University of Illinois is examining energy production from renewable (non-corn or soybean) and waste biomass/material using thermo-chemical conversion methods. <i>Theme: Environmental Sustainability</i></p> <p>Shoreline Extraction Using Satellite Imagery: Guanabara Bay Environmental Management Patricia G. F. Fernandes, <i>Ocean and Earth Dynamics Program, Federal Fluminense University, Niterói, Brazil</i> Eduardo M. Portella, <i>Ocean and Earth Dynamics Program, Federal Fluminense University, Niterói, Brazil</i> Estefan M. da Fonseca, <i>Ocean and Earth Dynamics Program, Federal Fluminense University, Niterói, Brazil</i> <i>Overview:</i> This study discusses the monitoring of Guanabara Bay coastline changes through satellite periodic image comparison. <i>Theme: Environmental Sustainability</i></p> <p>The Development Potential of Alberta's Climate Leadership Plan Dr. Marcus Ogyu Edino, <i>Geography Department, Colgate University, Hamilton, USA</i> <i>Overview:</i> The government of Alberta, Canada in May 2016 introduced Bill 20, the Climate Leadership implementation Act. This paper discusses an appraisal of this new policy. <i>Theme: Sustainability Policy and Practice</i></p> <p>Sustainable Program Management: Hierarchical Causal Systems Bongs Lainjo, <i>Results Based Management, Cybermatic International, Montréal, Canada</i> <i>Overview:</i> Designing and implementing development programs remains a complex, convoluted, and daring venture. This study is an extensive review of the models employed in management of sustainable development programs. <i>Theme: Sustainability Policy and Practice</i></p> <p>Creating Inclusive Communities Anabel López Salinas, <i>Public Administration, Portland State University, Portland, USA</i> <i>Overview:</i> The emergence of Latino immigrant populations in Oregon is placing new strains on local planning agencies. This research develops sustainability and social equity indicators that are important to this community. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Leading for Sustainable Change: Preserving the Essence of an Island Community Dr. Alicia H. Sprow, <i>Holleran Center for Community Engagement, Alvernia University, Reading, USA</i> Robert J. Waller, <i>School of Graduate Studies, Holleran Center for Community Engagement, Alvernia University, Reading, USA</i> Daisy R. Porrazzo, <i>Holleran Center for Community Engagement, Alvernia University, Reading, USA</i> <i>Overview:</i> Using first-hand accounts of potentially dramatic environmental and social changes of an island community, this research contends that we must rethink the kind of leadership that produces sustainable communities. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Interdependence of Economic and Environmental Sustainability in the Great Lakes Prof. Jenny Kehl, <i>School of Freshwater Sciences, University of Wisconsin, Milwaukee, Milwaukee, USA</i> <i>Overview:</i> The Great Lakes are vast and vital, and their fragile ecosystem is at a critical threshold. We will discuss interdependence and policy options for economic and environmental sustainability. <i>Theme: Environmental Sustainability</i></p>

FRIDAY, 20 JANUARY

13:30-14:15	PARALLEL SESSIONS
Room 3	<p>Virtual Posters</p> <p>One Billion Gallon Water Challenge Nancy Holm, <i>Illinois Sustainable Technology Center, Prairie Research Institute, University of Illinois at Urbana-Champaign, Champaign, USA</i> Elizabeth Meschewski, <i>Illinois Sustainable Technology Center, Prairie Research Institute, University of Illinois at Urbana-Champaign, Champaign, USA</i> Dr. Nandakishore Rajagopalan, <i>Illinois Sustainable Technology Center, Prairie Research Institute, University of Illinois at Urbana-Champaign, Champaign, USA</i> Overview: This project focuses on reducing water use in industry and communities by encouraging adoption of new processes and technologies as well as behavior changes to preserve the state's water resources. Theme: 2017 Special Focus - Pathways to Sustainability: Challenges and Opportunities for State and Society</p> <p>Fear and Community: Putting the “Us” Back in Sustainability Dr. Mindy Engle-Friedman, <i>Baruch College Task Force on Sustainability, Department of Psychology, Baruch College, City University of New York, New York, USA</i> Rose Deng, <i>Department of Psychology, Bernard M. Baruch College of the City University of New York, New York, USA</i> Nnekora Wilson, <i>Department of Psychology, Bernard M. Baruch College of the City University of New York, New York, USA</i> Overview: Participants are fearful of future environmental disasters but are hopeful that they can be mitigated. This study assesses the relationship between social and emotional factors and pro-environmental attitudes and behaviors. Theme: Sustainability in Cultural, Economic, and Social Context</p> <p>Feeling Good about the Future, but Will You Protect It? Optimism and Sustainability in the Face of Natural Disaster Jonathan Campbell, <i>Sleep and Environmental Psychology Lab, Baruch College of the City University of New York, New York, USA</i> Rose Deng, <i>Sleep and Environmental Psychology Lab, Baruch College of the City University of New York, New York, USA</i> Dr. Mindy Engle-Friedman, <i>Department of Psychology, Baruch College of the City University of New York, New York, USA</i> Overview: Following Hurricane Sandy, participants reported lower sustainable attitudes and behaviors. We further examined the relationship between optimism and sustainable attitudes and behaviors following this disaster. Theme: Sustainability in Cultural, Economic, and Social Context</p> <p>The Challenges of and Opportunities to Recycle in Flats: A Case Study of Recycling in France Dr. Annabelle Boulay, <i>Geoscience, University of Derby, Derby, UK</i> Overview: This project assesses the role of identity and behavior in recycling in flats as well as the challenges of and opportunities for recycling. Theme: Sustainability in Cultural, Economic, and Social Context</p> <p>Educating Speech and Language Pathology Students about Sustainability by Producing Therapeutic Resources Tatiana Bagetti, <i>Department of Specific Training in Speech-Language Pathology, Federal Fluminense University, Nova Friburgo, Brazil</i> Francelise Pivetta Roque, <i>Federal Fluminense University, Nova Friburgo, Brazil</i> Izabella Botelho Medeiros, <i>Federal Fluminense University, Nova Friburgo, Brazil</i> Overview: This research relates an experience in educating speech and language pathology students about sustainability by producing therapeutic resources made of recycled materials in a public university in Brazil. Theme: Sustainability Education</p>

FRIDAY, 20 JANUARY

13:30-14:15	PARALLEL SESSIONS
	<p>Engaging and Sustaining Diverse Networks and Ecosystems: Change Agency, Practical Authority, and Sustaining Brazilian Waters Prof. Donnie Lawrence, <i>Northcentral University of Arizona, Bluefield, USA</i> <i>Overview:</i> Institution building and exercising practical authority require engaging diverse networks and ecosystems. Actors gaining access to power experiment with new water problem-solving pathways in sustaining Brazil's water, safety, and health. <i>Theme: 2017 Special Focus - Pathways to Sustainability: Challenges and Opportunities for State and Society</i></p> <p>Profile of Wastewater Treatment Plants in Illinois Dr. Nandakishore Rajagopalan, <i>Illinois Sustainable Technology Center, Prairie Research Institute, University of Illinois at Urbana-Champaign, Champaign, USA</i> Srirupa Ganguly, <i>Illinois Sustainable Technology Center, Prairie Research Institute, University of Illinois at Urbana-Champaign, Champaign, USA</i> <i>Overview:</i> By examining performance metrics at Illinois wastewater treatment plants, the information can lead to increasing efficiency at treatment plants and standardization of practices. <i>Theme: Environmental Sustainability</i></p> <p>Zero Blowdown Cooling Towers: Does It Work? Dr. Nandakishore Rajagopalan, <i>Illinois Sustainable Technology Center, Prairie Research Institute, University of Illinois at Urbana-Champaign, Champaign, USA</i> <i>Overview:</i> Cooling towers provide a good opportunity for water conservation. This project examines the feasibility of an alternative water management program for zero discharge cooling tower operation. <i>Theme: Environmental Sustainability</i></p> <p>Creating Markets for Captured Carbon: Retrofit of Abbott Power Plant and Future Utilization of Captured Carbon Dioxide Dr. Kevin O'Brien, <i>Illinois Sustainable Technology Center, Prairie Research Institute, University of Illinois at Urbana-Champaign, Champaign, USA</i> <i>Overview:</i> This project pilot tests new carbon capture technology, discovers innovative carbon utilization methods, and works to create a carbon market for the captured CO₂. <i>Theme: Environmental Sustainability</i></p> <p>The ICORE Project: A Model Technical Assistance Program for Underserved Regions in Illinois Dan Marsch, <i>Illinois Sustainable Technology Center, Prairie Research Institute, University of Illinois at Urbana-Champaign, Peoria, USA</i> Mike Springman, <i>Illinois Sustainable Technology Center, Prairie Research Institute, University of Illinois at Urbana-Champaign, Godfrey, USA</i> <i>Overview:</i> The Illinois Conservation of Resources and Energy (ICORE) project strives to achieve energy and water conservation improvements among Illinois' underserved, rural communities and businesses, focusing primarily on the manufacturing sector. <i>Theme: Environmental Sustainability</i></p>



FRIDAY, 20 JANUARY

13:30-14:15	PARALLEL SESSIONS
Room 4	<p>Focused Discussion</p> <p>Urban Planning as an Instrument to Make Brazilian Cities Sustainable: The Case of Niterói Eduardo Faria Fernandes, <i>Attorney of the Municipality of Niteroi, City of Niterói, Niterói, Brazil</i> <i>Overview:</i> This discussion deals with the strategies adopted by the city of Niterói to overcome the challenge of implementing a sustainable model of urban growth. <i>Theme: 2017 Special Focus - Pathways to Sustainability: Challenges and Opportunities for State and Society</i></p> <p>Permanent Institutional Sustainability Committee: The Sustainability Milestone of the Federal University of the State of Rio de Janeiro Dr. Michelle Cristina Sampaio, <i>Institute of Biosciences, Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Carlos Henrique Soares Caetano, <i>Institute of Biosciences, Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Daniel Fonseca de Andrade, <i>Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Carlos Augusto Assumpção de Figueiredo, <i>Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Natascha Krepsky, <i>Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Loreine Hermida da Silva e Silva, <i>Institute of Biosciences, Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Evelyn Goyannes Dill Orrico, <i>Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Alcides Wagner Serpa Guarino, <i>Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Ricardo Silva Cardoso, <i>Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> The Permanent Institutional Sustainability Committee was established in 2016 and constructed the Sustainable Logistics Management Plan and Environmental Policy of the Federal University of the State of Rio de Janeiro. <i>Theme: Sustainability Education</i></p> <p>Gender Equality and Women's Empowerment: A Focus on Peruvian's Environmental Policies and Management Fabiola Espinoza Cordova, <i>Community Based Environmental Management, Programming and Training Section, Peace Corps - Peru, US Agency, Lima, Peru</i> <i>Overview:</i> This paper reviews the process of mainstreaming gender into policies, programs, and plans related to environmental management, its achievements, and main challenges ahead. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p>
Room 5	<p>Workshop in Spanish</p> <p>Ambiente y sostenibilidad Hernan Modesto Rivas Escobar, <i>Facultad de Educación, Universidad de Nariño, Pasto, Colombia</i> <i>Overview:</i> Resultado de investigación del desarrollo del trabajo de elaboración de materiales didácticos para la educación Agroforestal <i>Theme: Environmental Sustainability</i></p>
14:15-14:25	TRANSITION BREAK

FRIDAY, 20 JANUARY

14:25-16:05	PARALLEL SESSIONS
Room 1	<p>Environmental Policy and Practice: Challenges and Opportunities for State and Society</p> <p>Potential Impacts on European Environmental and Social Sustainability in the Context of the United Kingdom's Departure from the European Union Jason Lowther, <i>Plymouth Law School, Plymouth University, Plymouth, UK</i> Joanne Sellick, <i>School of Law and Social Science, Plymouth University, Plymouth, UK</i> Prof. Simon Payne, <i>Faculty of Social Science and Business, Plymouth University, Plymouth, UK</i> <i>Overview:</i> This paper examines potential impacts and legal consequences of the fracturing of the EU/UK relationship upon biodiversity and bathing water quality as key sustainability indicators. <i>Theme: Sustainability Policy and Practice</i></p> <p>The 2030 Agenda for Sustainable Development: To Sustain, or Not to Sustain Dr. Spencer S. Stober, <i>Graduate Studies, Alvernia University, Reading, USA</i> <i>Overview:</i> The 2030 Agenda for Sustainable Development with seventeen goals was recently adopted by world leaders. This paper examines those goals in light of "weak" and "strong" perspectives on environmental sustainability. <i>Theme: Sustainability Policy and Practice</i></p> <p>The Moroccan Green Energy Revolution Dr. Juan Cole, <i>Center for Middle Eastern and North African Studies, University of Michigan, Ann Arbor, USA</i> <i>Overview:</i> Morocco is the only country in the Middle East that has implemented significant plans for green energy, hoping to get six gigawatts of new electricity that way. <i>Theme: Sustainability Policy and Practice</i></p>
Room 2	<p>New Directions in Sustainability Education and Awareness</p> <p>Developing Sustainable Building Design Criteria: The Log Cabin Project Mazin Bahho, <i>Eastern Institute of Technology, Napier, New Zealand</i> Prof. Brenda Vale, <i>School of Architecture, Victoria University, Wellington, New Zealand</i> <i>Overview:</i> This paper endeavors to demonstrate, by developing a sustainable building project brief, the criteria and choices by which the public can be educated about how to live and build sustainably. <i>Theme: Sustainability Education</i></p> <p>Inventing Green: Educational Tools for Sustainable Design and Innovation Cindy Gilbert, <i>Sustainable Design, Minneapolis College of Art and Design, Minneapolis, USA</i> <i>Overview:</i> We share lessons learned from field testing Inventing Green sustainable design and innovation tools with early-stage entrepreneurial teams. These sustainability educational tools are now available online for free. <i>Theme: Sustainability Education</i></p> <p>Estimating the Carbon Footprint of the University of Lima: Building Indicators for a Sustainable Campus Jorge Sanabria, <i>Faculty of Industrial Engineering, University of Lima, Lima, Peru</i> Daniel Cardenas, <i>School of Engineering, University of Lima, Lima, Peru</i> <i>Overview:</i> This research shows the results of measuring the carbon dioxide emissions generated by the academic and administrative activities at the University of Lima, using indicators to manage campus sustainability. <i>Theme: Sustainability Education</i></p> <p>Pollinator Protection and Conservation: Pollinator Habitat as a Vehicle for Stakeholder Education on the Importance of Sustainably Managed Urban Landscapes Marisol Mata, <i>Department of Horticultural Science, North Carolina State University, Raleigh, USA</i> <i>Overview:</i> This study introduces a pollinator project at a public garden in North Carolina to educate on the importance of sustainable urban landscapes as sources of habitat and resources for pollinators. <i>Theme: Sustainability Education</i></p>



FRIDAY, 20 JANUARY

14:25-16:05	PARALLEL SESSIONS
Room 3	<p>Dynamics of Sustainable Tourism</p> <p>Sustainable Community-based Tourism Dr. Carolin Lusby, <i>Chaplin School of Hospitality and Tourism Management, Florida International University, Miami, USA</i> <i>Overview:</i> This study examines perceptions of residents towards community-based tourism in two small communities and discusses the sustainable development goals of the UN and how they can be met through CBT. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Using Political Power in Special Situations for Sustainable Hua Hin Beach Management Khwanthip Sooksung, <i>Sustainable Land Use and Natural Resource Management Center, Kasetsart University, Bangkok, Thailand</i> <i>Overview:</i> This research studies the use of political power in special situations for sustainable Hua Hin beach management. The study has implications for interdisciplinary practice for sustainable natural resource management. <i>Theme: 2017 Special Focus - Pathways to Sustainability: Challenges and Opportunities for State and Society</i></p> <p>Sustainable Community in Nicaragua Alexander Rohan John, <i>Environmental Science and Entrepreneurship, Oklahoma State University, Stillwater, USA</i> <i>Overview:</i> This research identifies the link among utopianism, Maslow's hierarchy of needs, sustainable development, and eco-tourism. The paper addresses how these core concepts can shape community development in Nicaragua. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Factors Influencing HIV and AIDS Workplace Policies and Programs Uptake in the Namibian Tourism Industry Sector: Its Impact on Sustainable Development Goals Mogos Teweldemedhin, <i>Faculty of Natural Resources, Namibia University of Science and Technology, Windhoek, Namibia</i> Erling Kavita, <i>Faculty of Management Sciences, Namibia University of Science and Technology, Windhoek, Namibia</i> Jan Swartz, <i>Faculty of Health Science, Namibia University of Science and Technology, Windhoek, Namibia</i> Alida Siebert, <i>Faculty of management sciences, Namibia University of Science and Technology, Windhoek, Namibia</i> <i>Overview:</i> This study investigates "what works" in the Namibian tourism industry workplace in terms of HIV and AIDS, and explores which "conducive environmental" factors (if any) contributed to good outcomes. <i>Theme: Sustainability Policy and Practice</i></p>

FRIDAY, 20 JANUARY

14:25-16:05	PARALLEL SESSIONS
Room 4	<p>Economics of Environmental Sustainability</p> <p>The Impact of Anthropogenic Factors on Carbon Dioxide Emissions in Nigeria: Evidence from the STIRPAT Model Marian Omojimi, <i>Economics Department, University of Stirling, Stirling, UK</i> <i>Overview:</i> The study examines the relationship between anthropogenic factors and CO₂ emissions using stochastic impact by regression on population, affluence, and technology (STIRPAT) model in Nigeria between 1980 and 2010. <i>Theme: Environmental Sustainability</i></p> <p>Simulations of Maximum Sustainable Yield and Maximum Economic Yield Harvesting Strategies: An Overlapping Generations Analysis Bureu Özgün, <i>Department of Economics, Middle East Technical University, Cankaya, Turkey</i> <i>Overview:</i> This study investigates maximum sustainable yield and maximum economic yield harvesting strategies by modelling fish population with overlapping generations model. <i>Theme: Environmental Sustainability</i></p> <p>An Overlapping Generations Analysis for Fisheries with Prey-Predator Interaction Ozgen Ozturk, <i>Department of Economics, Middle East Technical University, Cankaya, Turkey</i> <i>Overview:</i> This study investigates maximum sustainable yield and maximum economic yield harvesting strategies to model a prey-predator interaction by employing an overlapping generations model. <i>Theme: Environmental Sustainability</i></p>
Room 5	<p>Social Sustainability: Policy and Practice</p> <p>Reshaping Athletic Competition for a More Sustainable Future Gabriella Palmeri, <i>Natural Science and Political Science Division, Pepperdine University, Malibu, USA</i> <i>Overview:</i> A complete reevaluation of current sport competition at the primary, university, and professional level, especially in regards to typical league travel, is required for a truly sustainable global society. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Teach Teachers and They Shall Teach Nirav Patel, <i>Department of Natural Resources, Cornell University, Ithaca, USA</i> <i>Overview:</i> This paper discusses the role of an energy education training program on educators' motivations to teach sustainability and renewable energy in their classrooms. <i>Theme: Sustainability Education</i></p> <p>Interfaces between Education and Sustainability in Brazil Dr. Leonardo Kaltner, <i>Institute of Languages, Fluminense Federal University, Niteroi, Brazil</i> <i>Overview:</i> This paper discusses the current state of public education in Brazil, focusing on education as a way to surpass inequality and proposing sustainable policies for the development of Brazilian education. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>CoCriar: The Practice of a Living Culture Present in the Collective Camila Rigo, <i>CoCriar Praticas Colaborativas, São Paulo, Brazil</i> Thomas Ufer, <i>CoCriar Praticas Colaborativas, São Paulo, Brazil</i> Tamara Azevedo, <i>CoCriar Praticas Colaborativas, São Paulo, Brazil</i> Augusto Cuginotti, <i>CoCriar Praticas Colaborativas, São Paulo, Brazil</i> Dr. Michelle Cristina Sampaio, <i>Institute of Biosciences, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> This paper discusses CoCriar's practices that provide spaces for genuine collaboration that enhance collective understanding to generate healthier relations and solutions for everyone. <i>Theme: 2017 Special Focus - Pathways to Sustainability: Challenges and Opportunities for State and Society</i></p>
16:05-16:10	END OF SESSIONS
19:00-20:00	CONFERENCE DINNER



SATURDAY, 21 JANUARY

SATURDAY, 21 JANUARY	
9:00-9:10	DAILY UPDATE
9:10-9:45	PLENARY SESSION - AXEL GRAEL, EXECUTIVE SECRETARY OF NITERÓI, RIO DE JANEIRO, BRAZIL
9:45-10:20	PLENARY SESSION - PAULO BIDEgain, ENVIRONMENTAL BIOLOGIST, PLANNER AND POLICY MAKER, NITERÓI, RIO DE JANEIRO, BRAZIL
10:20-10:40	MORNING COFFEE BREAK
10:40-12:20	PARALLEL SESSIONS
Room 1	<p>Sustainability Practices and Development</p> <p>Human Development and Sustainable Agricultural Practices Atila Torres Calvente, <i>Institute of Economics, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Laura Meneghel dos Santos, <i>Center for Research in Law and Economics, Rio de Janeiro Law School of Getúlio Vargas Foundation, Rio de Janeiro, Brazil</i> <i>Overview:</i> This study analyzes the local sustainability practices implemented in schools in Petrópolis, a municipality of Rio de Janeiro, and suggests a link to local farmers as well. <i>Theme: Sustainability Policy and Practice</i></p> <p>Urban Agriculture Potentials on Roofs: A Modelization of the Green Corridors Network in Vienna Maeva Dang, <i>Institute for Interdisciplinary Building Process Management, Industrial Building and Interdisciplinary Planning, Vienna University of Technology, Vienna, Austria</i> <i>Overview:</i> This study develops a model of the intensive greening potentials of Viennese roofs. The results provide a responsive and effective planning strategy of the green corridors network. <i>Theme: Environmental Sustainability</i></p> <p>Land Use and Social Relations in the Amazon Region: A Case Study of Rondônia Sanelly Côrte Coêlho, <i>Department of Botany, Federal University of the State of Rio de Janeiro, Rio de Janeiro, Brazil</i> Atila Torres Calvente, <i>Institute of Economics, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Dr. Michelle Cristina Sampaio, <i>Institute of Biosciences, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Leonardo Ciuffo Faver, <i>Municipality of Petrópolis, Rio de Janeiro, Brazil</i> <i>Overview:</i> Loss of tropical forest ecosystems is a crucial issue in the Amazon region. Large farms and family units have come to the Amazon to convert land into agriculture and pasture. <i>Theme: 2017 Special Focus - Pathways to Sustainability: Challenges and Opportunities for State and Society</i></p> <p>A New Variable for Planning and Sustainable Urban Development: Green Areas in Domestic Gardens of Rio de Janeiro Suburbs Vera Jane Ruffato-Ferreira, <i>Energetic Planning Program, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> José Antonio Sena, <i>Directorate of Geosciences, Geography and Statistics Institute, Rio de Janeiro, Brazil</i> Vania Maria Britto Cunha Lopes Duçap, <i>Rio de Janeiro, Brazil</i> Daniel de Berrêdo Viana, <i>Energy Planning Program, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> Marcos Aurélio Vasconcelos de Freitas, <i>Energy Planning Program, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> This study quantifies and analyzes the green areas in domestic suburban gardens in the city of Rio de Janeiro and their contribution to the urban green. <i>Theme: Environmental Sustainability</i></p>

SATURDAY, 21 JANUARY

10:40-12:20	PARALLEL SESSIONS
Room 2	<p>Pathways to Sustainability: Social Sustainability</p> <p>Impacts of Systemic Neoliberalist Bullying on Social Sustainability Dr. Kim Polistina, <i>Central Queensland University, Caloundra, Australia</i> <i>Overview:</i> This paper discusses the impacts of the use of bullying behaviors by advocates of neoliberalism on the implementation of sustainability at the grass roots level. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Measuring Sustainability Impact in Local Governments Using the Quadruple Bottom Line Approach Dr. Haris Alibasic, <i>College of Education and Professional Studies, Legal Studies, Public Administration, and Sport Management, University of West Florida, Pensacola, USA</i> <i>Overview:</i> Using a case study of a local government's sustainability planning, this paper focuses on a novel approach for measuring and tracking sustainability-related efforts through a Quadruple Bottom Line lens. <i>Theme: Sustainability Policy and Practice</i></p> <p>The Stakeholder Engagement of Social Enterprises: Towards Organizational Sustainability or Sustainable Impact? Dr. Louise van Dyk, <i>Department of Communication Science, University of South Africa, Pretoria, South Africa</i> <i>Overview:</i> This paper explores how the management tensions associated with social enterprises' dual mission of creating sustainable social and economic value manifest in their approach to stakeholder engagement. <i>Theme: Sustainability Policy and Practice</i></p> <p>Social Conflict and Governance: A Model for Analysis and Management María Elena Sánchez, <i>Department of Management Sciences, Pontifical Catholic University of Peru, Lima, Peru</i> Danilo Tapia, <i>Department of Management Sciences, Pontifical Catholic University of Peru, Lima, Peru</i> María Elena Esparza, <i>Department of Management Sciences, Pontifical Catholic University of Peru, Lima, Peru</i> Mauricio Cuadra, <i>Ministerial Dispatch in the Ministry of Energy and Mines, Lima, Peru</i> <i>Overview:</i> This paper proposes a model for analysis and management of conflicts prioritizing the following variables: productive chains, culture, organizational structure, risk, and asymmetric information. <i>Theme: 2017 Special Focus - Pathways to Sustainability: Challenges and Opportunities for State and Society</i></p>
Room 3	<p>Food and Sustainability</p> <p>Giving Up Animal Products Results in a Poor Diet: The Promotion of Unsustainable Food Practices in Estonian Dietary Guidelines Dr. Kadri Aavik, <i>School of Governance, Law, and Society, Tallinn University, Tallinn, Estonia</i> <i>Overview:</i> This paper explores how meat and dairy consumption is constructed as healthy and sustainable in the Estonian national dietary guidelines and addresses the implications of this for sustainable food practices. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Sustainable Urban Food Systems in Nairobi: Learning from Informality Dr. Andrea M. Brown, <i>Political Science, Wilfrid Laurier University, Waterloo, Canada</i> <i>Overview:</i> This study questions the links between the urban environment and urban hunger in Nairobi. How can informal coping strategies inform policy? <i>Theme: Sustainability Policy and Practice</i></p>

SATURDAY, 21 JANUARY

10:40-12:20	PARALLEL SESSIONS
Room 4	<p>Environmental Sustainability Policy and Practice</p> <p>Sustainable Water Supply: Water Supply Systems in Nigerian Peri-urban Communities Dr. Israel Dunmade, <i>Faculty of Science and Technology, Mount Royal University, Calgary, Canada</i> <i>Overview:</i> This study evaluates peri-urban water supply systems. <i>Theme: 2017 Special Focus - Pathways to Sustainability: Challenges and Opportunities for State and Society</i></p> <p>REDD+ Research: Reviewing the Literature, Limitations, and Ways Forward Dr. Richard Mbatu, <i>College of Arts and Sciences, University of South Florida St. Petersburg, St. Petersburg, USA</i> <i>Overview:</i> This study analyzes REDD+ research using the 4Is framework. The study found that there has been a significant increase in REDD+ research over the past nine years. <i>Theme: Sustainability Policy and Practice</i></p> <p>The Case of Brazilian Municipal Solid Waste Management: Residents' Perceptions Dr. Benxiang Zeng, <i>Northern Institute, Charles Darwin University, Alice Springs, Australia</i> Dr. Flavio de São Pedro Filho, <i>Research Group on Management of Innovation and Technology, Federal University of Rondônia, Porto Velho, Brazil</i> Mayana Vera-Sousa, <i>Federal University of Rondônia, Porto Velho, Brazil</i> Jayashree Patil-Dake, <i>K.P.B. Hinduja College, Mumbai, India</i> Valeria Arenhardt, <i>Federal University of Rondônia, Porto Velho, Brazil</i> <i>Overview:</i> Using a sustainability indicator matrix, this study investigates local people's perceptions on sustainability issues with regard to municipal solid waste management in the city of Porto Velho in Brazil. <i>Theme: Sustainability in Cultural, Economic, and Social Context</i></p> <p>Thrivability Appraisals: Tool Supporting Decision-making Processes Integrated Environmental Management Dr. Maria Inês Paes Ferreira, <i>Post-graduation Program of Environmental Engineering, Federal Fluminense University, Rio de Janeiro, Brazil</i> Dr. Pamela Shaw, <i>Community Planning, Vancouver Island University, Nanaimo, Canada</i> Graham Sakaki, <i>Nanaimo, Canada</i> Taylor Alexander, <i>Nanaimo, Canada</i> Dr. Luis Felipe Umbelino dos Santos, <i>Rio de Janeiro, Brazil</i> <i>Overview:</i> This paper examines a new method joining Berke's terminology "social environmental systems" to Ostrom's sustainability principles in a semi-empirical "thrivability appraisal," focusing on Canadian and Brazilian watersheds. <i>Theme: Sustainability Policy and Practice</i></p>
Room 5	<p>Colloquium</p> <p>Mapping and Assessment of the Ecosystem Services in Divici-Pojejena Wetland and Identification of Their Contribution to the Economic Sectors Monica Matei, <i>Climate Change and Sustainable Development Department, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Mihaela Andreea Moncea, <i>Impact of Built Environment and Nanomaterials Departments, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Madalina Boboc, <i>Natural Resource Management and Green Energy Department, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Deak Gyorgy, <i>National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Marius Raischi, <i>Natural and Technological Hazards Department, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> Diana Dumitru, <i>Impact of Built Environment and Nanomaterials Departments, National Institute for Research and Development in Environmental Protection, Bucharest, Romania</i> <i>Overview:</i> This colloquium maps and assesses the wetland ecosystems in Romania using the European Union recommendations, stipulated in the Mapping and Assessment of Ecosystem Services (MAES) reports, within the Biodiversity Strategy. <i>Theme: Environmental Sustainability</i></p>

SATURDAY, 21 JANUARY

10:40-12:20	PARALLEL SESSIONS
Room 6	<p>Late Additions</p> <p>Environmental Responsibility and Cultural Sponsorship: Are Brazilian Corporations Greening the Arts? Prof. Jose Henrique Moreira, <i>Federal University of Rio de Janeiro, Rio de Janeiro, Brazil</i> <i>Overview:</i> The green agenda became a welcomed commonplace in the goals and mission of Brazilian corporations, reaching almost every facet of the organizations. But has it reached the cultural sponsorship department? <i>Theme: Sustainability Policy and Practice</i></p> <p>Corporations and Territories: Interactions for Well-being Priscilla Grimberg, <i>Rio de Janeiro, Brazil</i> <i>Overview:</i> While investment in extractive industries doubles, countries rich in natural resources are marked by inequality. This study discusses what paths can illuminate this issue. <i>Theme: 2017 Special Focus - Pathways to Sustainability: Challenges and Opportunities for State and Society</i></p>
12:20-13:00	SPECIAL EVENT - CLOSING RECEPTION & AWARD CEREMONY



Kadri Aavik	Tallinn University	Estonia
Sina Abadzadesahraei	University of Northern British Columbia	Canada
Camilla Alcântara	Fluminense Federal University	Brazil
Haris Alibasic	University of West Florida	USA
Luma Amaral	Niterói City Hall	Brazil
Verena Andreatta	Municipal Secretariat of Urban Planning and Mobility of Niterói	Brazil
Marina Jardim Faria Araujo	University Center of Volta Redonda	Brazil
Tamara Azevedo	CoCriar Praticas Colaborativas	Brazil
Tatiana Bagetti	Fluminense Federal University	Brazil
Mazin Bahho	Eastern Institute of Technology	New Zealand
Srijana Bajracharya	Ithaca College	USA
Renato Barandier	Urban Planning and Mobility of Niterói	Brazil
Stephen John Beaumont	Centro de Tecnología para el Desarrollo	Argentina
Paulo Bidegain	Niterói City Hall	Brazil
Madalina Boboc	National Institute for Research and Development in Environmental Protection	Romania
Annabelle Boulay	University of Derby	UK
Valéria Braga	Niterói City Hall	Brazil
Beatriz Brito		Brazil
Andrea M. Brown	Wilfrid Laurier University	Canada
Beatriz Caetano Costa	Biomass and Water Management Research Center	Brazil
Jonathan Campbell	Baruch College of the City University of New York, SUNY Geneseo	USA
Daniel Cardenas	Universidad de Lima	Peru
Casagrande	INFRAERO	Brazil
Juan Cole	University of Michigan	USA
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Gabriel Cunha	Niterói City Hall	Brazil
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Murat Germen	Sabanci University	Turkey
Mainak Ghosh	Indian Institute of Technology Kharagpur	India
José Augusto Gomes	Niterói City Hall	Brazil
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Priscilla Grimberg		Brazil
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Susan Kochanowski	Vanderbilt University	USA
Bongs Lainjo	Cybermatic International	Canada
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Gabriela Lins	Fluminense Federal University	Brazil
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Dan Marsch	University of Illinois at Urbana-Champaign	USA
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Monica Matei	National Institute for Research and Development in Environmental Protection	Romania
Fernando Matias de Melo	Instituto Estadual do Ambiente	Brazil
Mikhaela Mattos	Universidade Estadual de Santa Cruz	Brazil
Taisa Mattos	Federal University of Rio de Janeiro	Brazil
Richard Mbatu	University of South Florida, St. Petersburg	USA
Fernanda de Paula Medeiros	University of Brasília	Brazil
Puneet Misra	All India Institute of Medical Sciences, Delhi	India
Mihaela Andreea Moncea	National Institute for Research and Development in Environmental Protection	Romania
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Amanda Navarro	UNIRIO	Brazil
Arthur Neiva Fernandes	INFRAERO	Brazil



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Kim Polistina	Central Queensland University	Australia
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Mateus Quintão	Niterói City Hall	Brazil
Sanjay K Rai	All India Institute of Medical Sciences, Delhi	India
Marius Raischi	National Institute for Research and Development in	
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Nandakishore Rajagopalan	University of Illinois at Urbana-Champaign	USA
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Hernan Modesto Rivas	Universidad de Nariño	Colombia
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Mariane Thamsten	Niterói City Hall	Brazil
Thomas van der Walt	University of South Africa	South Africa
Louise van Dyk	University of South Africa	South Africa
Luiz Eduardo Vergara	Museum of Contemporary Arts	Brazil
Eduardo Villella	Fluminense Federal University	Brazil
Francois Visser	University of Queensland	Australia
Eva Wieners	University of Hamburg	Germany
Yichun Xie	Eastern Michigan University	USA
Jose Reynaldo Zelaya	Universidad Nacional de Colombia sede Medellin	Colombia
Benxiang Zeng	Charles Darwin University	Australia
Burcu Özgün	Middle East Technical University	Turkey











Eleventh International Conference on Design Principles & Practices

Institute without Boundaries at
George Brown College
Toronto, Canada | **2–4 March 2017**
www.designprinciplesandpractices.com/2017-conference



Second International Conference on Tourism & Leisure Studies

UBC Robson Square
Vancouver, Canada | **6–7 April 2017**
www.tourismandleisurestudies.com/2017-conference



Seventh International Conference on Religion & Spirituality in Society

Imperial College London
London, UK | **17–18 April 2017**
www.religioninsociety.com/2017-conference



Seventeenth International Conference on Knowledge, Culture, and Change in Organizations

Charles Darwin University
Darwin, Australia | **20–21 April 2017**
www.organization-studies.com/2017-conference



Ninth International Conference on Climate Change: Impacts & Responses

Anglia Ruskin University
Cambridge, UK | **21–22 April 2017**
www.on-climate.com/2017-conference



Seventh International Conference on The Constructed Environment

International Cultural Centre
Krakow, Poland | **25–26 May 2017**
www.constructedenvironment.com/2017-conference



Thirteenth International Conference on Technology, Knowledge & Society

University of Toronto
Toronto, Canada | **26–28 May 2017**
www.techandsoc.com/2017-conference



Tenth International Conference on e-Learning & Innovative Pedagogies

University of Toronto
Toronto, Canada | **27 May 2017**
www.ubi-learn.com/2017-conference



Tenth Global Studies Conference

National University of Singapore
Singapore | **8–9 June 2017**
www.onglobalization.com/2017-conference



Twelfth International Conference on The Arts in Society

Pantheon-Sorbonne University
Paris, France | **14–16 June 2017**
www.artsinsociety.com/2017-conference



Fifteenth International Conference on New Directions in the Humanities

Imperial College London
London, UK | **5–7 July 2017**
www.thehumanities.com/2017-conference



Fifteenth International Conference on Books, Publishing & Libraries

Imperial College London
London, UK | **7 July 2017**
www.booksandpublishing.com/2017-conference



Eighth International Conference on Sport & Society

Imperial College London
London, UK | **10–11 July 2017**
www.sportandsociety.com/2017-conference



Twenty-fourth International Conference on Learning

University of Hawaii at Manoa
Honolulu, USA | **19–21 July 2017**
www.thelearner.com/2017-conference



Twelfth International Conference on Interdisciplinary Social Sciences

International Conference Center
Hiroshima, Japan | **26–28 July 2017**
www.thesocialsciences.com/2017-conference



Seventeenth International Conference on Diversity in Organizations, Communities & Nations

University of Toronto – Chestnut Conference Centre
Toronto, Canada | **26–28 July 2017**
www.ondiversity.com/2017-conference



Fourteenth International Conference on Environmental, Cultural, Economic & Social Sustainability

The Cairns Institute,
James Cook University
Cairns, Australia | **17–19 January 2018**
www.onsustainability.com/2018-conference



Tenth International Conference on the Inclusive Museum

University of Manchester
Manchester, UK | **15–17 September 2017**
www.onmuseums.com/2017-conference



Seventh International Conference on Health, Wellness & Society

University of Denver
Denver, USA | **5–6 October 2017**
www.healthandsociety.com/2017-conference



Seventh International Conference on Food Studies

Roma Tre University
Rome, Italy | **26–27 October 2017**
www.food-studies.com/2017-conference



Eighth International Conference on The Image

Venice International University
Venice, Italy | **31 Oct.–1 November 2017**
www.ontheimage.com/2017-conference



Aging & Society: Seventh Interdisciplinary Conference

University of California at Berkeley
Berkeley, USA | **3–4 November 2017**
www.agingandsociety.com/2017-conference



Second International Conference on Communication & Media Studies

UBC Robson Square
Vancouver, Canada | **16–17 November 2017**
www.oncommunicationmedia.com/2017-conference



Eighteenth International Conference on Knowledge, Culture, and Change in Organizations

University of Konstanz
Konstanz, Germany | **22–23 March 2018**
www.organization-studies.com/2018-conference



Eighth International Conference on Religion & Spirituality in Society

University of California at Berkeley
Berkeley, USA | **17–18 April 2018**
www.religioninsociety.com/2018-conference



Tenth International Conference on Climate Change: Impacts & Responses

University of California at Berkeley
Berkeley, USA | **20–21 April 2018**
www.on-climate.com/2018-conference



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Founded in 2005, the International Conference on Environmental, Cultural, Economic & Social Sustainability provides a multidisciplinary space, spanning the various fields and perspectives through which we can address the fundamental and related questions of sustainability, brought together by a common concern for sustainability in an holistic perspective, where environmental, cultural, economic, and social concerns intersect.

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Conference Chair

Dr. David Humphreys, Professor of Environmental Policy, The Open University, United Kingdom

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