



Hochschule für Angewandte
Wissenschaften Hamburg
Hamburg University of Applied Sciences



UNIVERSIDADE FEDERAL
DO RIO DE JANEIRO



Ministério da Saúde
FIOCRUZ
Fundação Oswaldo Cruz

SYMPOSIUM

ON CLIMATE CHANGE ADAPTATION IN LATIN AMERICA

Rio de Janeiro, Brazil | 10-12 November 2016





BACKGROUND

Similar to what is seen in other parts of the world, there are clear signs of the impacts of climate change to Latin American countries. The region, where a substantial portion of the world's biological diversity can be found, hosts a wide range of ecosystems including rainforests and semi-arid zones. The disruption of natural ecosystems is one of the main causes of biodiversity and ecosystem losses in Latin America, a proportion of which is due to human-induced climate change.

According to the Fifth Assessment Report (AR5) produced by the Intergovernmental Panel on Climate Change (IPCC), climate change in Latin America is likely to contribute towards altering coastal and marine ecosystems, with mangrove degradation being observed along the coast of South America, for instance.

In addition, AR5 mentions the fact that significant trends in precipitation and temperature have been observed in Central America (CA) and South America (SA) and that changes in climate variability and in extreme events have severely affected the region.

The above state of affairs illustrates the need for a better understanding of how climate change affects the Latin American region, and for the identification of processes, methods and tools which may help the countries and the communities in the region to adapt. There is also a perceived need to showcase successful examples of how to cope with the social, economic and political problems posed by climate change in Latin America, especially the ways of acting, production and consumption of communities and traditional populations.

It is against this background that the **“LATIN AMERICAN SYMPOSIUM ON CLIMATE CHANGE ADAPTATION”** is being organized by the Federal University of Rio de Janeiro, Oswaldo Cruz Foundation, the Research and Transfer Centre “Applications of Life Sciences” of the Hamburg University of Applied Sciences (Germany), and the International Climate Change Information Programme (ICCIP). The Symposium will be a truly interdisciplinary event, mobilizing scholars, social movements, practitioners and members of governmental agencies, undertaking research and/or executing climate change projects in Latin America.

The **“LATIN AMERICAN SYMPOSIUM ON CLIMATE CHANGE ADAPTATION”** will focus on “understanding and managing climate change in Latin America”, meaning that it will serve the purpose of showcasing experiences from research, field projects and best practice to foster climate change adaptation among countries in the region, which may be useful or implemented elsewhere.



AIMS

Consistent with the need for more cross-sectoral interactions among the various stakeholders working in the field of climate change adaptation in the Latin American region, the aims of the “**LATIN AMERICAN SYMPOSIUM ON CLIMATE CHANGE ADAPTATION**” are as follows:

- I. to provide research institutions, universities, NGOs, government agencies and enterprises from Latin America with an opportunity to display and present their works in the field of climate change adaptation;
- II. to foster the exchange of information, ideas and experiences acquired in the execution of climate change adaptation projects, especially successful initiatives and good practice across the region;
- III. to discuss methodological approaches and experiences deriving from case studies and projects, which aim to show how climate change adaptation may be implemented in practice;
- IV. to network the participants and provide a platform so they can explore possibilities for cooperation.

Last but not least, a further aim of the event will be to document and disseminate the wealth of experiences available today. To this purpose, the **book “Climate Change Adaptation in Latin America: managing vulnerability, fostering resilience”** will be published, with all accepted papers. This will be a further volume of the award-winning book series “Climate Change Management” published by Springer, which since its creation in 2008 has become the world’s leading book series on climate change management. The decision of the editors as to which papers may be selected and undergo peer review for the book is final.

ORGANISERS

Co-Chairs

- Professor Walter Leal, Hamburg University of Applied Sciences (Germany) and Manchester Metropolitan University (UK)
- Professor Edmundo Gallo, Oswaldo Cruz Foundation, Brazil
- Professor Ana Luiza Coelho Netto, Geoscience Institute of Federal University of Rio de Janeiro



Scientific Committee

- Maria de Fátima Alves, CFE, Coimbra University, Portugal
- Dr. Nelson Amaro, Galileo University, Guatemala
- Georgina Calderón Aragón, Universidad Autónoma de México, México
- Prof. Ulisses Miranda Azeiteiro, CFE, University of Coimbra, Portugal
- Christovam Barcellos, Oswaldo Cruz Foundation, Brazil
- Dr. Juan Carlos Belausteguigoitia, Instituto Tecnológico Autónomo de México, Mexico
- Flavia Moraes Lins-de-Barros, Federal University of Rio de Janeiro, Brazil
- Rômulo Paes de Sousa, World Centre for Sustainable Development, Brazil
- Prof. Harry Diaz, University of Regina, Canada
- Leonardo Freitas, Federal University of Rio de Janeiro and Oswaldo Cruz Foundation, Brazil
- Edmundo Gallo, Oswaldo Cruz Foundation, Brazil
- Luiz Augusto Cassanha Galvão, Pan American Health Organization, Brazil
- Mauro de Lima Gomes, Oswaldo Cruz Foundation, Brazil
- Paulo Leal, Federal Fluminense University, Brazil
- Carlos Machado, Oswaldo Cruz Foundation, Brazil
- Marcos Mendonça, Federal University of Rio de Janeiro, Brazil
- Ana Luiza Coelho Netto, Federal University of Rio de Janeiro, Brazil
- Guilherme Franco Netto, Oswaldo Cruz Foundation, Brazil
- Letícia Parente Ribeiro, Federal University of Rio de Janeiro, Brazil
- Carolina Munhoz Rojas, University of Chile, Chile
- Ligia de Salazar, Fundesalud Foundation, Colombia
- Dr. Víctor Sánchez-Cordero, Universidad Nacional Autónoma de México, Mexico
- Anderson Sato, Federal Fluminense University, Brazil
- Svetlana S. Zavgorodniaya, Escuela de Ciencias Geográficas, Rússia
- Ulisses Miranda Azeiteiro, CFE, University of Coimbra, Portugal

Scientific Support

- Dr Jelena Barbir, International Climate Change Information Programme (ICCIP)

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Cooperating Organisations

- United Nations Environment Programme (UNEP)
- World Health Organisation (WHO)
- World Meteorological Organisation (WMO)
- International Climate Change Information Programme (ICCIP)
- International Council for Local Environmental Initiatives (ICLEI)

PROFILE OF PARTICIPANTS

Delegates attending the “**LATIN AMERICAN SYMPOSIUM ON CLIMATE CHANGE ADAPTATION**” will come from a cross-sectoral range of areas. These are:

1. members of NGOs working with climate change;
2. researchers at universities and research centres;
3. teaching staff at universities;
4. representatives from companies;
5. representatives from UN and national development and aid agencies working with climate change adaptation and funding/ executing projects on the ground;
6. members of social movements;
7. project officers and consultants;
8. other people interested in the topic.

The participation of doctoral students is warmly encouraged and supervisors/advisers are kindly requested to facilitate their participation. The sort of international exposure and the rich content of this Symposium, will be beneficial to their training and to their future careers.

It is believed that this wide range of participants will help to outline the need for and the usefulness of integrated approaches towards climate change adaptation in Latin America and hence contribute to the further consolidation of this thematic area.



STRUCTURE OF THE EVENT

The “**LATIN AMERICAN SYMPOSIUM ON CLIMATE CHANGE ADAPTATION**” will be organised in two main strands:

Strand 1: the displays

Participating organisations will be able to put-up displays describing their works and projects and to distribute the relevant information to the participants. The displays will be the backbone of the event and will allow close, one-to-one contacts between the participants and the exhibitors.

Strand 2: the presentations

A set of presentations, divided into five main themes will be organised, distributed over parallel sessions dealing with some of the issues of strategic value in the field of climate change adaptation. These are:

Session 1: Climate Change Adaptation, Resilience and Hazards (including droughts/extreme rainfall induced landslides/floods)

Session 2: Climate Change Territory and Society

Session 3: Climate Change Adaptation in Urban Areas, Cities, Countries and via Outreach Programmes

Session 4: Information, Communication, Education and Training on Climate Change

Session 5: Climate Change and Health

Session 6: Local Climate Change Adaptation Governance

The plenary and parallel sessions, as well as the social events, will provide participants with an outstanding opportunity to interact, network and learn about the latest ideas, projects and practices, mainstreaming climate change adaptation in the Latin American region.



TIME-TABLE

The “LATIN AMERICAN SYMPOSIUM ON CLIMATE CHANGE ADAPTATION” will be held on 10th-12th November in Rio de Janeiro, Brazil. Rio de Janeiro is one of Brazil’s major cities, and has many international connections. The schedule is as follows:

10 th NOVEMBER 2016	11 th NOVEMBER 2016
<p>Afternoon: Arrival and set-up of displays</p> <p>Evening: informal get-together of participants for informal chats and networking</p>	<p>All day: Exhibition and visit to displays</p> <p>Morning: Plenary and Sessions</p> <p>Afternoon: Plenary and Sessions</p> <p>Evening: Reception</p>
12 th NOVEMBER 2016 (morning)	12 th NOVEMBER 2016 (afternoon)
<p>Morning: Plenary and Sessions</p> <p>Exhibition and visit to displays</p>	<p>Afternoon: Plenary and Sessions</p> <p>Exhibition and visit to displays</p> <p>Round-table with key experts & Conclusions with the hand over of the Awards for the best papers</p>

In order to ensure an efficient use of the time, delegates are kindly asked to organise their travel in a way that allows them to arrive in Rio de Janeiro in the course of 10th November 2016, and travel back on or after the 13th November 2016, so they can fully take part in the Symposium.



DEADLINES

Deadline for submission of abstracts: 20th April 2016

Deadline for submission of papers: 30th June 2016

Deadline for the submission of revised papers: 30th September 2016

Deadline for registrations: 30th September 2016

Since the conference book is expected to be launched shortly after the event, the deadlines need to be followed.

FEES AND CHARGES

A discounted fee of US\$ 300/ Euro 270 (professionals) or US\$ 100 /Euro 90 (for students) plus 19% VAT, will be charged to those who register until 30th April 2016 (early bird registration). After that, delegates will need to pay the full fee of US\$ 350 /Euro 316 and US\$ 120/Euro 100 respectively (plus 19% VAT). The fee includes lunches and coffee breaks on 10th and 11th November 2016 as well as the evening reception on 10th November 2016. Furthermore, the fee includes a **on-line copy of the book “Climate Change Adaptation in Latin America: managing vulnerability, fostering resilience”**, to be made available to those authors whose papers have been peer-reviewed and accepted.

Organisations or individuals not able to pay this fee should contact the Secretariat so that it may be reduced in special cases. Interested people and organisations are encouraged to register by completing the application form provided. **This is a self-funded event and the organisers are unable to pay any travel or accommodation costs** of any kind. They are however happy to issue letters of invitation to support delegates to request funding for their participation.

REGISTRATION AND CONDITIONS OF PARTICIPATION

Registrations are now open and are possible until the 30th July 2016. Regrettably, logistical limitations mean that registrations after the deadline will not be possible. Since the space for displays and the time for presentations is limited, **delegates are advised to register as soon as possible**. The organisers will notify any interested delegate or organisation in case there are any limitations with time for presentations or space for displays. Registered delegates will then receive further details on the payment of the fees and updated information on the preparations for the event. The decision as to which papers will be accepted for presentation will be taken by the Chairpersons, following consultation with the organising committee. Participants registering to the event will do so under the condition that they will cover their own travel, accommodation and incidental costs (e.g. visa fees) related to their trip to Rio de Janeiro. **This is a self-funded event and the organisers are unable to pay any travel or accommodation costs of any kind**. Letters of invitation to enter the Federal Republic of Brazil can only be sent to bona fide, registered delegates, who have paid their fees and need a document to show



their employers. For cancellations of registrations up to 45 days before the event, a 50% refund may be made. For cancellations afterwards, no refunds will be possible. Registrations are now open and may be made on-line at: <http://www.haw-hamburg.de/en/ftz-als/veranstaltungen/latinamerica2016.html>

Field Trips

Pre-Symposium Field Trip A (8 -9th November) is going to Nova Friburgo-Teresópolis municipalities in the mountainous region of Rio de Janeiro. In January 2011 extreme rainfall induced landslides have largely spread over these areas leading to a catastrophic disaster that killed more than 1,500 inhabitants and caused extensive social, economic and environmental losses. The main focus in this trip is driven to local adaptation efforts conducted by different actors, including: local inhabitants, non-governmental organizations, university and governmental institutions to avoid or at least to provide landslide disaster reduction during the next extreme rainfall events, that may occur during the summertime. Lead by Anderson Sato, Leonardo Freitas e Sandro Schottz.

Post-Symposium Field Trip B (13 -14th November) is going to Angra dos Reis e Paraty municipalities in the Costa Verde region of Rio de Janeiro, and Ubatuba, in the coastal region of São Paulo. In this region live about 50 traditional communities, among caiçaras, maroons and indigenous. The main focus in this trip is driven to meet consumption practices and sustainable production of these communities, as they represent an important way of living with climate change. Lead by Vagner Nascimento e Leonardo Freitas.

CONTACT POINTS FOR SCIENTIFIC INPUTS AND STRATEGIC COOPERATION

All questions related to scientific inputs and strategic partnerships, as well as the book, should be sent to:

Walter Leal (BSc, PhD, DSc, DPhil, DEd, DLitt, FSB, FRGS, FLS)
Professor of Environment and Technology
Hamburg University of Applied Sciences (Germany) and Manchester Metropolitan University (UK)
E-mail: info@iccip.net

and/ or

Edmundo Gallo
Research of Oswaldo Cruz Foundation
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E-mail: edmundo.gallo@fiocruz.br

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and/ or

Ana Luiza Coelho Netto
Full Professor of Geography Department, Geoscience Institute
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Rio de Janeiro
Brazil
E-mail: ananetto@acd.ufrj.br

CONFERENCE ADMINISTRATION AND CONTACT POINT FOR FURTHER DETAILS

All questions related to abstracts and registrations should be sent to:

Dr. Jelena Barbir
International Climate Change Information Programme
E-mail: [<jelena@barbir.com.es>](mailto:jelena@barbir.com.es)

HOW TO SUBMIT AN ABSTRACT

An abstract should be up to 200 words, it should describe the rationale and aims of the paper, and some of its results. General descriptions of broad contexts should be avoided. The full contact details about the author(s) need to be provided. Abstracts should be written in the third person and not in the first or second one (e.g. I, me, or my paper). Please see below a sample abstract. Authors whose abstracts have been accepted, will receive further details about how to submit their full papers, and further logistical information.



SAMPLE ABSTRACT

(PLEASE SEND YOUR ABSTRACT EXACTLY WITH THE FORMAT BELOW TO:

Dr. Jelena Barbir
International Climate Change Information Programme
E-mail: <jelena@barbir.com.es>

Promoting Climate Change Adaptation in Developing Countries: breaking misconceptions and addressing information needs

Walter Leal (BSc, PhD, DSc, DPhil, DEd, DLitt, FSB, FRGS, FLS)
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Abstract

The impacts of climate change to natural ecosystems, infra-structure and livelihood, means that the implementation of climate change adaptation strategies in developing countries has become a pressing issue. Among other factors, the undertaking of adaptation strategies is made difficult by the general lack of awareness and spread misconceptions about the real impacts of climate change which, in turn, slow down the execution of the adaptation initiatives needed, and which may ameliorate them.

This paper presents an analysis about the misconceptions related to the implementation of climate change adaptation strategies, and describes the most widespread ones, as well as their implications. A special emphasis is given to the problems and barriers caused by misinformation, which – in turn – prevent the promotion of adaptation initiatives at local level. Finally, some concrete steps which may be taken in order to break the misconceptions and foster a more systematic view of adaptation strategies, are outlined. Experiences gathered in this paper will be useful to people and organisations interested in the different levels of responses given to climate changes threats, and on some of the tools which may be used to encourage specific action to adapt to changing climate conditions.