



ALCUE NET /CORDEX LAC III workshop on Biodiversity and Climate Change

ALCUE NET

Latin America, Caribbean and European Union Network on Research and Innovation

**Latin America, Caribbean
and European Union**

Network on Research and Innovation

September 21-23 2015

Bogotá, Colombia

**Venue: Salón Túquerres
Holiday Inn Hotel Bogotá
Avenida Calle 26 # 69D - 91**

Organizer: ALCUE NET/CORDEX

ALCUE NET - is a four and a half year project funded by the 7th Framework Programme of the European Union, which started in December 2012. The consortium is composed of 19 institutions, eight from the European Union and eleven from Latin American and Caribbean countries, representing stakeholders from government and research. Its main goal is to strengthen bi-regional sustainable dialogue on Science and Technology between European (EU), Latin American and Caribbean (LAC) countries by focusing on the following areas defined as bi regional interest: Bioeconomy, Information and Communication Technologies, **Biodiversity and Climate Change**, and Energy.

ALCUE NET Partners organizing the event:

- COLCIENCIAS Colombia. Host organization.
- Ministry of Science, Technology and Productive Innovation (MINCYT) Argentina
- Institut de Recherche pour le Développement (IRD) France

CORDEX- COordinated Regional climate Downscaling Experiment, is a WCRP-sponsored program to organize an international coordinated framework to produce an improved generation of regional climate change projections world-wide for input into impact and adaptation studies within the AR5 timeline and beyond. CORDEX will produce an ensemble of multiple dynamical and statistical downscaling models considering multiple forcing GCMs from the CMIP5 archive. Initially, a 50km grid spacing has been selected, favoring engagement of wider community. Multiple common domains covering all (or most) land areas in the World have been selected.

Host Organization: COLCIENCIAS is the Administrative Department of Science, Technology and Innovation. It leads, guides, and coordinates the scientific national policy and the National System of Science, Technology and Innovation to generate and integrate the knowledge to the social, economic, cultural development in Colombia.

As governing body of the National System, Colciencias promotes the articulated interaction between the Academy, the Private Sector and the State in order for the country to consolidate a scientific culture, design policies that promote knowledge production and drives the circulation and usage of the science, technology and innovation as tools for the nation's development.

ALCUE NET /CORDEX LAC III workshop on Biodiversity and Climate Change

Rationale, motivation and justification:

- To take advantage of the first two CORDEX-LAC workshops and the ALCUE NET Thematic Workshop on Biodiversity and Climate Change to organize a joint ALCUE NET / CORDEX workshop on biodiversity and climate change.

- Bring together key people from the communities of biodiversity and climate downscaling to identify user knowledge needs as well as on-going climate modelling activities within the CORDEX framework within the region.

Specific objectives and key agenda items:

- To develop a capacity building effort to evaluate regional climate downscaled model projections, and applications to biodiversity,
- To provide targeted downscaled information for impact assessment analysis,
- To plan strategies for adaptation/mitigation options, and
- To Provide input and recommendation to the C&T Policy Dialogue on Biodiversity and Climate Change in the framework of the upcoming Senior Official Meeting

Proposed attendees: Experts on biodiversity involved in ALCUE NET and climate downscaling involved in CORDEX from Latin America, Caribbean and European countries. Efforts will be made to bring experts that already have taken part in either the CORDEX LAC workshops or the ALCUE NET workshops on biodiversity and climate change.

Anticipated outcomes (deliverables):

- Identification of climate information needs for biodiversity applications and the available regional downscaling efforts that can be used for improve their studies
- Improved interactions between the climate science and biodiversity communities, in Latin America, Caribbean and the European Union
- Better synergy between biodiversity and climate science regional activities
- Draft thematic report on Biodiversity and Climate Change to present to the Senior Officials Meeting

Format: Targeted presentations and discussion sessions. A peer learning activity is proposed with the main aim of training the participants to gain a deeper understanding of approaches for developing useful climate-relevant messages for biodiversity and policy decisions.

The goal of the training activity will be to develop key, actionable statements based on case studies identified by sub-groups, based on the participant's expertise.

Science Organising Committee: Silvina Solman and Eleanor O'Rourke by CORDEX; Olivier Dangles and Argiro de Jesús Ramirez by ALCUE NET; Carlos Ereño as coordinator and Marcela Sanchez Vargas, Eгна Yamile Barrero, Luciana Ayciriex and Claire Freour completing the organising committee.

Meeting Agenda

Monday 21 th September, 2015	
8:30 to 9:00	Registration
	Welcome and opening
	Chairman: Marcela Sanchez, COLCIENCIAS, Colombia
9:00 to 9:15	- Welcome words. <i>Argiro de Jesus Ramirez Aristizabal, COLCIENCIAS, Colombia</i>
9:15 to 9:30	- ALCUE NET project. <i>Guido Bonino, MINCYT, Argentina</i>
9:30 to 9:40	- CORDEX. <i>Eleanor O'Rourke, CORDEX IPO, Sweden</i>
9:40 to 9:55	Presentation of the objectives and agenda - Introductory remarks – meeting objectives. <i>Carlos Ereño, MINCYT, Argentina</i>
9:55 to 10:15	Questions
10:15 to 10:45	Coffee break
10:45 to 12:15 (25' each presentation + 5' for questions)	Session 1: Opening the scientific dialogue between biodiversity and climate change communities. Biodiversity - <i>Olivier Dangles, IRD, France</i> - <i>Carlos Patiño-Gomez, CONACYT UDLAP, México</i> - <i>Paula Cristina Sierra, INVEMAR, Colombia</i> Moderator: Sandra García Galeano, UPCT, Spain
12:15 to 14:00	Lunch
14:00 to 15:30 (25' each presentation + 5' for questions)	Session 1: Opening the scientific dialogue between biodiversity and climate change communities. (cont.) Climate Change - <i>Silvina Solman, CIMA, Argentina</i> - <i>Enrique Sánchez, UCLM, Spain</i> - <i>Ricardo Lozano, IDEAM, Colombia</i> Moderator: Christoph Matulla, ZAMG, Austria
15:30 to 15:45	Coffee break
15:45 to 18:45	Round table

	Keynote speakers on the interactions between biodiversity and climate change communities - John Charlery, West Indies University of Bridgetown, Barbados(CC) - Rasmus Benestad, Meteorological Institute, Norway (CC) - Francisco Pando from GBIF, Spain (BD) - Omar López, INDICASAT, Panama (BD) Moderators: - Olivier Dangles, IRD, France (BD) - Silvina Solman, CIMA, Argentina (CC)
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Tuesday 22 th September, 2015	
Training Activities – Imagining a perfect world	
	Producing policy relevant science in an ideal world -Chris Lennard • We envision an ideal world in which LAC and European climate and biodiversity scientists work effortlessly together to produce the "best" type of information that provides maximum benefit to policy makers and society. • We then explore why this ideal world does not exist. • Lastly we try to identify the steps required to get as close as possible to the ideal world scenario by exploring which barriers identified can be overcome/ modified and how this could be done Format: This is envisioned to be through facilitator-led group work Content: This is provided by the Climate System Analysis Group and consists of training materials developed over the years. These will be made available to delegates. Session 1: The ideal world - Create a common picture a "Perfect World," where communication between policy/decision makers and scientists is easy and useful for both parties
	Coffee break
	Session 2: Reality bites - Understand current challenges by exploring the barriers that stand between the current reality and the "Perfect World" - why do we not work together?
	Lunch
	Session 3: Potential for change - Identify which barriers can be overcome/modified and the steps required to get as close as possible to the Perfect World - changing what can be changed.
	Coffee break
	Session 4: Key messages + Round Table

	What barriers to sustained trans-disciplinary engagement can be focused on within ALCUE-NET that will facilitate greater activities between (a) LAC climate and biodiversity communities (b) LAC and EU scientists and (c) climate and biodiversity scientists and policy makers. - Marta Llopart, USP, Brazil (CC) - Sandra García Galeano, Universidad Politécnica de Cartagena, Spain (CC) - Juliana Chacón Pinilla, University of Bonn, Germany (BD) - Diego Rivera Salazar, Universidad de Concepción, Chile (BD) - Klaus Riede, University of Bonn, Germany (BD) Moderators: Chris Lennard, UCT, South Africa

Wednesday 23 rd September, 2015	
9:00 to 9:20	Session 5: Future joint actions planned - ALCUE NET related activities on Biodiversity and Climate Change. <i>Claire Freour, IRD, France</i> - Overview of Horizon 2020 and the international cooperation <i>Mark Sciriha, Delegation of the European Union in Colombia, Colombia</i> - Capacity building opportunities in Horizon 2020 and Erasmus+. <i>Claire Freour, IRD, France</i> - Biodiversity and climate change in Horizon 2020 and related international programmes (EUROCLIMA). <i>Christos Fragikis, European Commission, DGRI</i> Moderator: Nuno Ferrand, CIBIO, Portugal
9:20 to 9:30	
9:30 to 9:40	
9:40 to 10:00	
10:00 to 10:20	Coffee break
10:20 to 12:00	Session 5: Future joint actions planned (small groups) 1) Formulation of a common priority topic for research activities based on the outputs of this workshop 2) Formulation of general recommendations based on the outputs of the workshop (capacity building activities, partnerships with other initiatives, thematic focus) 3) Preparation of the next workshops of ALCUE NET and CORDEX Moderators:

	<i>Claire Freour, IRD, France</i> <i>Olivier Dangles IRD, France</i> <i>Marcela Sanchez, COLCIENCIAS, Colombia</i> <i>Guido Bonino, MINCYT, Argentina</i>
12:00 to 12:15	- Questionnaire
12:15 to 12:30	- Main conclusions and end of the workshop <i>Reporters:</i> <i>Argiro de Jesus Ramirez Aristizabal, Colciencias, Colombia</i> <i>Carlos Ereño, MINCYT, Argentina</i>
12:30 to 14:00	Lunch
SOM Working group on Biodiversity and Climate Change Meeting	
14:00 to 14:30	- EU-CELAC Cooperation on S&T: Biodiversity and Climate Change. <i>Olivier Giron, MENESR, France</i> - Presentation of the recommendations to the SOM 2015. <i>Claire Freour, IRD, France</i> - Discussions <i>Moderators:</i> <i>Claire Freour, IRD, France</i> <i>Olivier Giron, MENESR, France</i>
15:30 to 15:45	Coffee break
15:45 to 17:00	- Update of the thematic report: elaboration of a draft report - Next steps <i>Moderators:</i> <i>Claire Freour, IRD, France</i> <i>Olivier Giron, MENESR, France</i>