

Ist Latin American and the Caribbean Regional Workshop

Assessment for Impacts and Adaptation to Climate Change in Multiple Regions and Sectors (AIACC)

Agenda

Tuesday, 27 May 2003

Participants Registration

Session I: Opening

- Dr. Neil Leary, Science Director (AIACC).
- Lic. Ronald Arias, President for Board of Directors (FUNDECOPERACION-GEF) Costa Rica.
- Dr. Ravi Sharma, Climate Change Program Officer, UNEP.
- Lic. Max Campos, Executive Secretary Regional Committee on Hydraulic Resources (CRRH – SICA).
- Dr. Walter Fernández, President Academy of Sciences of Costa Rica and Principal Investigator at University of Costa Rica.

Workshop objectives and agenda presentation..... *Max Campos*

Session II: Science of Climate Change and Understanding of Global and Regional Climate.

Co-Chairs: Carlos Gay and Gustavo Nagy

- Observed changes in atmosphere, land and coasts in Latin America and the Caribbean.
.....*Vicente Barros, Victor Magaña and Jorge Amador.*
- AIACC Data, Methods and Synthesis Website..... *Cynthia Rosenzweig.*
- Regional climate outlooks, enhancing adaptation capacity...LA06 *Patricia Ramírez/Manuel Jiménez*

Session III: Observed Climate Change and Climate Variability

Co-Chairs: Luis Jose Mata and Xianfu Lu

- Introduction to climate extreme events and climate change..... *Luis José Mata.*
- Climate extremes and changes in precipitation patterns (1940-2002) in the vicinities of Montevideo, Uruguay.....LA-32.....*G. Nagy/Lagomarsino/Bidegain*
- Climate extreme events, analyses of variability.....LA-29...*Monica Wehbe*
- Signals of climate change in Central America during last decade...LA-06.....*Erick Rivera / G. Mora*
- Climate variability in the Pampas region-ENSO and other sources..LA-27.....*Graciela Magrin*
- Developing a Caribbean climate interactive data base.....SIS-06...*Amar Amarakoon*
- Observed La Plata River level and wind field change.....LA-26...*Vicente Barros*
- Agriculture, water and climate variability LA 29....*Monica Wehbe*

AIACC Small Group Consultations and Interactions

Wednesday, 28 May 2003

Session IV: Social and Economic Information for Climate Change Projects

Co-Chairs: Claudia Natenzon and Gustavo Sención

- Socio economic dataLA29..... *Mónica Wehbe*
- Social Vulnerability Climatic Change and floods.....LA26.....*Claudia Natenzon*
- Vulnerability and adaptation information for dengue fever- a socioeconomic scenario
.....SIS06.....*Wilma Bailey*
- Impact of climate variability on Aedes Aegypti indices and dengue cases in the Caribbean region: a
prospective studySIS06.....*David Chadee.*
- Water capital and water uses in Central America.....LA06.....*Joaquin Chacon*
- Socio economic data for projection on water uses.....LA06.....*Jaime Echeverría*
- Estuarine artisanal fisheries in the Rio La Plata Pajas BlancasLA32.....*G. Sencion*

Session V: Climate Scenarios

Co-Chairs: Jose Marengo and Vicente Barros.

- Climate scenarios for regional applications, selected cases of Latin America.....*Abel Centella.*
- Regional climate change scenario supporting activities for studies on detection, impacts, assessments
and mitigation - CPTEC*José Marengo.*
- Statistical downscaling.....SIS06.....*Anthony Chen*
- Climate baseline scenarios and GCM performance (Rio de la Plata region).....LA32 & LA26 ..*Mario
Bidegain .*
- Precipitation downscaling with SDSM over Rio de la Plata basin.....LA32*Mario Bidegain*
- Hydrodynamic model for La Plata River.....LA26*Mariano Re.*
- Validation of GCMs and the need of a high resolution atmospheric and hydrological model....LA 26
.....*Vicente Barros.*

Session V: Climate Scenarios (continued)

- Climate change scenariosLA27*Walter Baethgen*
- Assessment of some GCM features and applications of downscaling in the Central America region
.....LA06....*Erick Alfaro*
- Integrated assessment of social vulnerability to climate variability and change among farmers in Mexico
and Argentina LA29.... *Carlos Gay*
- Short term climatic scenarios*Rafael Terra.*

Session VI: Impacts, Adaptation and Vulnerability

Co-Chairs: Cynthia Rosenzweig and Anthony Chen

- Impacts and vulnerability to climatic and non climatic conditions, and the ecosystem adaptation
response. Development of a highly aggregated index of trophic state....LA32.....*Gustavo Nagy.*

Thursday, 29 May 2003

Session VI: Impacts, Adaptation and Vulnerability (continued)

- Impacts, vulnerability and adaptation of the agriculture/livestock sector to climate change, results from the Crop/pasture model.....LA27...*Maria I. Travasso.*
- Impacts of global change to coastal areas: coastal vulnerabilityLA26...*R.Kokot.*
- Epidemiological patterns of dengue under climate change SIS06 ..*Amar Amarakoon*
- Changes in runoff under climate change and variability in El Salvador present tendenciesLA06 *Deisy Lopez.*
- Economic implications of hydrometeorological events in Costa Rica 1996 2001 LA06....*Edwin Vega and Luis Gamez*
- Climate change impacts on agriculture and water and its relationship with commercial farmingLA29 *Monica Wehbe*

Session VII: Adaptive Capacity

Co-Chairs: Freddy Picado and Ian Burton

- Adaptation capacity, an introduction.....*Ian Burton*
- Strategic framework for adaptation to climate change of water resources in Central AmericaLA06....*Alejandro Jiménez*
- Establishing applied systems network for building regional adaptation capacityLA27..... *Walter Baethgen*
- Pilot project on forecasting climate related dengue.....SIS06.....*Anthony Chen*
- Framework for adaptation control information system in the Rio de la Plata system: the case for coastal fisheries and harmful algal blooms.....LA32.....*Walter Norbis*
- Changes in politics for the agriculture sector and its relationship with climate adaptation capacityLA29 *Monica Wehbe*

Session VIII: AIACC: Links with National Communication, Synthesis and 2nd phase

Co-Chairs: Neil Leary and Agustin Giménez

- Linking of AIACC to National communications.....*Martha Perdomo*
- Summary and synthesis for AIACC.....*Sara Beresford*
- AIACC Database: tool for synthesis and communication.....*Cynthia Rosenzweig*
- A second phase for AIACC ?.....*Neil Leary*

AIACC Small Group Consultations and Interactions

Friday, 30 May 2003

(At University of Costa Rica)

Session IX: Climate Change Agenda in Latin America and Caribbean

Co-Chairs: Max Campos and Neil Leary

- Welcome and Introduction: The role of International Organization in the Climate Change Agenda of Latin America.
- Inter American Institute for Global Change Research (IAI).....Walter Fernández
- IUCN Global coalition for adaptation to climate change..... Rocío Córdoba
- CATHALAC-UNDP Adaptation initiative for Central America, Cuba and México....Emilio Sempris.
- Global Water Partnership Associated Program on Climate Change.....Liliana Arrieta.
- Desertification Convention, the Global Mechanism.....Oscar Lucke.

Session X: Closing Session

Co-Chairs: Max Campos and Walter Fernández

Neil Leary, Science Director of AIACC.

Walter Fernandez, President Academy of Sciences of Costa Rica and University of Costa Rica.

Gabriel Macaya, Head of University of Costa Rica.

Max Campos, Executive Secretary Regional Committee on Hydraulic Resources (CRRH – SICA).