









**IAI Training Institute On Vulnerability Associated with Climate Variability and
Climate Change in the Americas
October 17 - 28, 2005, Asuncion, Paraguay**

Participants Information

Participants	
<p>Alejandra Celis Argentina</p> 	<p>Alejandra Celis, Licenciada en Ciencias Biológicas de la Universidad de Buenos Aires, Argentina. Investigadora de CENTRO estudios sociales y ambientales, desde 1998.</p> <p>Trabaja en la región pampeana de Argentina en dos líneas de investigación:</p> <p>1) gestión de riesgos de desastre - fundamentalmente inundaciones- en áreas urbanas (el caso de la ciudad de Pergamino).</p> <p>2) aplicación de información climática para la producción agropecuaria (percepciones de los productores sobre el clima y su variabilidad, comunicación de la información climática, barreras o impedimentos para su utilización, oferta de productos climáticos).</p>
<p>María Laura Bettolli Argentina</p> 	<p>María Laura Bettolli is a Licenciada in Atmospheric Sciences from the Universidad de Buenos Aires (UBA) in Argentina.</p> <p>She is currently involved in doctoral research at the UBA studying climate variability and applied climatology.</p> <p>María's research focuses on weather regimes, rainfall variability and extremes and their association with soybean production in the Argentine Pampas.</p>
<p>Jaime Quispe Bolivia</p> 	<p>Jaime Quispe received a B. Sc. in Agronomy Engineer from the Universidad Mayor de San Andres in Bolivia. He works in Fundación Amigos de la Naturaleza (FAN – Bolivia), where he is the Carbon Monitoring Program Coordinator of the Climate Action Project Noel Kempff Mercado (CAP-NK). He is actually involved in the monitoring of plots to measure the impacts of logging to the residual stand, and to measure impacts of logging on rates of regrowth for the CAP-NK.</p> <p>He is interested in a postgraduate in forest resources management. His research interest are: Impact of the deforestation on the soil carbon content in the Amazon forests; Land-use change impacts on the local climate; Vulnerability evaluation of the water balance in the upstream watershed of the Paragua River (Bolivia).</p>


<p>Willian Ramiro Villarpando Camargo Bolivia</p> 	<p>W. Ramiro Villarpando Camargo is Agricultural Engineer from the Universidad Mayor de San Simon in Bolivia.</p> <p>He works studying the climatology, hydrology and agricultural of the different eco regions of Bolivia. At the moment he carries out studies of scenarios of climatic change and the adaptation of several agricultural cultivations to the humid regions and the Altiplano of Bolivia.</p> <p>He works with the SENAMHI and the Ministry of Agriculture elaborating political of support to the agricultural sector of Bolivia (Sure Agricultural, Development Alternative and a System of prevention and alert early).</p>
<p>Claudio Szlafzstein Brazil</p> 	<p>Claudio Fabian Szlafzstein (Buenos Aires, Argentina, 19 Sep 1966) is graduated as Geologist from the University of Buenos Aires in 1991. In 1995, he received a master's degree in Environmental Science (Regional planning) from the Hokkaido University in Sapporo, Japan. In 2003, he received his PhD (magna cum laude) from the Department of Geography of the Kiel University (Germany) presenting the thesis "Vulnerability and response measures to natural hazard and sea level rise impacts: Long -term coastal zone management, NE of the State of Pará, Brazil".</p> <p>He works as a professor at the Geosciences Center of the University Federal of Pará, Belém (Brazil) since 1997. He is currently involved on research projects on the interface of climate change, natural and man-made disasters and coastal management, principally on vulnerability and adaptation measures issues in the Amazonian Region.</p>
<p>Frederico de Moraes Rudorff Brazil</p> 	<p>Frederico Rudorff is an Oceanographer from the Rio Grande Federal University Foundation, Brazil.</p> <p>He also received a Specialist degree in Remote Sensing from the National Institute of Space Research and is finishing a M.S. research in Geography at the Federal University of Santa Catarina studying coastal susceptibility assessment through geoindicators and spatial analysis.</p> <p>He is currently a member of the Natural Disaster Research and Prevention Institute, a Brazilian non-profit NGO whose mission is to act in the natural disaster mitigation and prevention trough research, education and extension.</p>
<p>Patrick Debels Chile</p> 	<p>Patrick Debels is an Environmental Engineer (M.Sc.) from Ghent University, Belgium. Since September 1997, he has been working at the Centre for Environmental Sciences "EULA" of the University of Concepción (Chile). Mr. Debels early work focused mainly on the use of GIS and mathematical models for assessing erosion, water availability and water quality under different land use conditions. Currently, he is working on a Ph.D. in land- and water resources management, and is leading the research efforts on the Biobio River Basin (Chile) for the TWINBAS project (EC 6th FP; 2004-2006). He will also be coordinating research activities in the framework of the recently started TWINLATIN project (2005-2008), in which 7 Latin-American countries (Chile, Uruguay, Brazil, Perú, Ecuador, Colombia & Nicaragua) and 3 European countries (Sweden, Belgium & U.K.) are involved. In this last project, a total of 7 river basins will be studied, of which 5 are located in Latin-America: the <i>Baker River Basin</i> in Chile; the <i>Cuareim-Quarai</i> in Uruguay-Brazil; the <i>Catamayo-Chira</i> in Ecuador-Perú; the <i>Upper Cauca</i> in Colombia & the <i>Lake Cocibolca Basin</i> in Nicaragua. The ultimate goal of these interdisciplinary TWINNING projects is to provide the scientific & technological background information required for the development of Integrated River Basin Management Plans (IRBMP). Stakeholder participation and vulnerability of land & water resources to global change are key aspects in both research projects.</p>

<p>Paulina Aldunce Chile</p> 	<p>Paulina Aldunce received an M.S. in Environmental Management and Planning from the University of Chile, Santiago de Chile.</p> <p>She works as a professor in the Environmental Sciences and Natural Resources Department, University of Chile. Paullina's research involves the institutional management and community participation related to Natural Disasters.</p>
<p>Luz Dary Yepes Rubiano Colombia</p>	<p>Educación: Ingeniera Forestal Universidad Distrital Francisco José de Caldas, 1997.</p> <p>Experiencia laboral: Ideam, 1998 - 2005 Profesional Ingeniería Forestal</p> <ul style="list-style-type: none"> - Soporte técnico y científico en el tema de Cambio Global en la Subdirección de Estudios Ambientales. - Soporte técnico y científico en el proyecto en curso "Cambio Climático: Ejercicio de Autoevaluación – Segunda Comunicación Nacional de Colombia". - Soporte técnico y científico en el proyecto en curso "Expedited Financing of Climate Change Enabling Activities (Phase II)". - Soporte técnico y científico en el proyecto en curso "Integrated National Adaptation Plan: High Mountain Ecosystems, Colombia's Caribbean Insular Areas, and Human Health (INAP)". - Soporte técnico y científico en el área forestal y agrícola de la Subdirección de Meteorología. - Participación en el grupo de Agrometeorología, investigación básica y aplicada. - Participación en el Grupo Forestal, sistema de información forestal y sistema estadístico forestal. - Participación en el Grupo de Energías Alternativas (Dendroenergía). - Elaboración del proyecto "Colombia: Climate Change Enabling Activity (Additional Financing for Capacity Building in Priority Areas)". Proyecto aprobado y en fase de ejecución. - Desarrollo del Inventario Nacional de Gases de Efecto Invernadero (GEI) para los años 1990 y 1994. - Apoyo y elaboración de la Primera Comunicación Nacional de Colombia ante la Convención Marco sobre Cambio Climático (UNFCCC). - Elaboración del Estudio de la Vulnerabilidad del Sector Agrícola a un Eventual Cambio Climático. Estudio de caso: Cultivo de la papa. - Participación ante el Panel Intergubernamental de Expertos sobre Cambio Climático – IPCC en la revisión de "IPCC Draft Reports on Good Practice Guidance for Land Use, Land-Use Change and Forestry (Task 1)" and "Definitions and Methodological Options to Inventory Emissions from Direct Human- Induced Degradation of Forests and Devegetation of Other Vegetation Types (Task 2)". - Participación en el Estudio "Áreas indicativas aptas para la implementación de proyectos forestales elegibles bajo el Mecanismo de Desarrollo Limpio (MDL) – Protocolo de Kyoto". - Soporte técnico y científico en el área forestal y agrícola en la oficina de Cooperación Científico técnica para el Estudio del Cambio Global.
<p>Yesid Carvajal Escobar Colombia</p> 	<p>Yesid Carvajal received Hidrology applied especialization in CEDEX Spain , M.Sc. in Water and Soil resources in Universidad Nacional de Colombia; PhD in Hydraulic and Environmental Universidad Politécnica of Valencia Spain.</p> <p>He is Associated Professor - Universidad del Valle Cali Colombia, is coordinating a research group in variability and climate change; is PHI UNESCO representant Regional Map of arid, semi-arid and under wet zones of Latin America and the Caribbean - Colombia's case and executive secretary RUPSUR Network about ENSO phenomena research.</p>

<p>Arnoldo Bezanilla – Morlot Cuba</p> 	<p>Arnoldo Bezanilla received a M.Sc. in the Atmospheric Physics Department from the Meteorological Institute, Cuba working with a three-dimensional numerical model of a convective storm.</p> <p>He is currently in a doctoral research using a Climatic Regional Models (RegCM from ICTP in Trieste, Italy and PRECIS from HADLEY Center, UK) Specifically he work with the parameterizations that use the microphysics scheme to obtain a better performance of the non-convective precipitation a sub-grid scale.</p> <p>Nowdays he's in charge of the Climatics PRECIS runnings in the Meteorological Institute of Cuba.</p>
<p>Edwards Elvis Matos Dominican Republic</p>	<p>I received an Associate Degree in Science in the Curriculum of Environmental Science Management, from Berkshire Community College (BCC), Pittsfield, Massachusetts and a Bachelor Degree in Natural Resources and Environmental Science Management from Experimental University Felix Adams (UNEFA) Santo Domingo, Dominican Republic.</p> <p>At the moment I am attending the third fourth semesters of Civil Engineer, at the National Autonomy University of Santo Domingo (UASD), Dominican Republic.</p> <p>I work for the Secretariat of Stated of Environment and Natural Resources, Undersecretariat of Environmental Management, as Climate Change Project Assistant. Where I provide technical support to the diverse activities of qualification, promotion, diffusion and public sensitization relative to the adaptation and the mitigation to the climatic change?</p>
<p>Carolina Neri Mexico</p> 	<p>Carolina Neri has bachelor's degree in Geography from National Autonomous University of Mexico (UNAM). She took a specialization course in "Regional Development in Mexico" at UNAM's Economic Research Institute.</p> <p>She works in Atmospheric Sciences Center (UNAM) in a research called "Capacity Building (state II): Adaptation to Climate Change in Central America, Mexico and Cuba", where she is helping to coordinate activities related to climate analysis and evaluation of vulnerability in agriculture, forest and water sectors, considering climate variability and the climate change in Mexico.</p> <p>The project aims to reinforce adaptation capacities, evaluating vulnerability and adaptation, including the influence of climatic variability and extreme events.</p>
<p>Miguel Angel Altamirano del Carmen Mexico</p> 	<p>Miguel Angel Altamirano studied the career of Atmospheric Sciences in the Faculty of Electronic Instrumentation and Atmospheric Sciences of the Veracruzana University.</p> <p>He has collaborated in some projects about numerical modelation with MM5; virtual soundings with GOES data; warnings early by tropical cyclones; and readjust of historic paths of hurricanes.</p> <p>He actually works at the National Institute of Ecology, where he is identifying, integrating and evaluating necessary studies about vulnerability and adaptation to the climatic change in priority sectors as biodiversity and national water, both national and regional.</p>
<p>Arlen Del Rosario Martínez Ortiz Nicaragua</p>	

<p>Darysbeth Magaly Martinez Panama</p> 	<p>Darysbeth Martinez received a Msc of Science and Hydrotechnician Engineer from the Maritimes Communications State University of San Peterburgo in Russian.</p> <p>She works at the Water Center for the Humid Tropics of Latin America and The Caribbean (CATHALAC) and the United Nations Development Programme (UNDP) where she is a Scientist Research associated for hydrological studies in the determination of the Vulnerability of the hydro resource for an adaptation Project of the Climate Change Program of Panama.</p> <p>She is also working in Integrated Water Resources Management.</p>
<p>Norman Breuer Paraguay</p> 	<p>Norman Breuer, earned his Ph.D. from in Interdisciplinary Ecology in the School of Natural Resources and Environment at the University of Florida, Gainesville, USA. He holds a master's degree in Tropical Conservation and Development (UF).</p> <p>His career began with a degree in agricultural production engineering (Ing. Agr.) from the Universidad Nacional de Asuncion.</p> <p>He is currently a Research Scientist with the Rosenstiel School of Marine and Atmospheric Science of the University of Miami.</p> <p>He is currently working in a multi-institutional, interdisciplinary center -The Southeast Climate Consortium- on research and development of a climate information system to reduce risk in agriculture and natural resource management in the southeastern United States.</p>
<p>Alejandro Max Pastén Castillo Paraguay</p> 	<p>Alejandro Max Pasten, Meteorólogo recibido de la Facultad Politécnica de la Universidad Nacional de Asunción, Matemático estadístico, Facultad de Ciencias Exactas y Naturales de la Universidad Nacional de Asunción.</p> <p>Trabajo en la División de Meteorología de la Facultad Politécnica y en el Departamento de Climatología de la Dirección de Meteorología e Hidrología de Paraguay.</p> <p>Mi área de trabajo actual el régimen pluviométrico de Paraguay y la predicción climática.</p>
<p>Jorge Concepción Armoa Cañete Paraguay</p> 	<p>Jorge Concepción Armoa Cañete, meteorólogo, graduado en la Facultad Politécnica de la Universidad Nacional de Asunción (FP-UNA), actualmente cursando la Carrera de Matemática – Estadística en la FaCEN – UNA.</p> <p>Trabajo en el Área de Sistemas de Observaciones Meteorológicas de la Dirección de Meteorología e Hidrología, y también en el Área de Meteorología de la FP-UNA.</p> <p>Actualmente, las áreas donde me desempeño es la de Manejo de una Red de Observaciones Meteorológicas y Distribución de Lluvias en el Paraguay.</p>

<p>Julián Báez Benitez Paraguay</p> 	<p>Professional Background Meteorologist, focused in: - Hydrometeorology Forecast. - Variability and Climate Change. - Water Resources Management. - Hydro climatic Data Base Management.</p> <p>Academy Base : Meteorologist of University of Costa Rica</p> <p>Specialize Courses: Variability and Climate Change. San José – Costa Rica Administration of Environmental monitoring systems. Padova – Italy. El Niño-Southern Oscillation and its influences in regional and local climate and hydrology. Quito, Ecuador.</p> <p>Teaching: Professor in Charge of course “Environmental and groundwater Hydrology” and the course “Meteorology and Climatology”, of the carrier of Environmental Engineering. Catholic University of Asuncion – UCA.</p> <p>Professional Activities: In Charge of the Technical Secretary of Paraguayan National Weather Service. Past principal consultant to organize a PLATIN/VAMOS/CIC working sub-group meeting to conclude the group final report. Past Assistant of Principal Consultant to elaborate the Paraguay Vision of Water Resources. Past Technical Manager of Paraguayan National Weather Service. Past Technical Manager of the project “Implementation of a new Hydrometeorological data base system to Itaipu Binacional. Past Technical Manager of the project “Implementation of a hydrometeorological data base system to Yacyreta. EBY.</p>
<p>Jacinto Arroyo Aliaga Peru</p> 	<p>Jacinto Arroyo, received an M.S received. In Computer science for the administration from the National University of the Center in Peru.</p> <p>This at the moment concluding their doctorate studies in Atmosphere and Sustainable Development, at the University Federico Villarreal in Peru, Works in the Observatory of Huancayo of the Geophysical Institute of Peru, where it is the boss of the department of Meteorology and Climatology,</p> <p>Him this at the moment involved in the investigation on the changes and tendencies of the climate in the mountain of the south America.</p>
<p>Laura Avellaneda Peru</p> 	<p>Laura Avellaneda, Environmental Engineer with a Master in Projects Management from the Federico Villarreal University in Peru</p> <p>She works at the National Environment Council of Peru, where she is Environmental Specialist some projects of Vulnerability and Adaptation on Climate Change in areas such as: water, energy, transportation and agriculture, in her country.</p>

<p>Gabriela Cruz Brasesco Uruguay</p> 	<p>Título: Ingeniera Agrónoma, egresada de la Facultad de Agronomía de la Universidad de la República (Uruguay). Actualmente realizo la Maestría en Ciencias Agrarias en la misma Facultad.</p> <p>Lugar de trabajo: Facultad de Agronomía - Montevideo</p> <p>Tareas en desempeño: Docencia: Responsable del Curso de Agrometeorología (2º año de la carrera de Ingeniero Agrónomo) y colaboradora en otros cursos de grado.</p> <p>Investigación: Evaluación de causas y efectos del estrés térmico en animales domésticos: fundamentalmente, estrés por calor en ganado lechero y en cerdos.</p> <p>Caracterización agroclimática de la República Oriental del Uruguay. Se pretende la zonificación de acuerdo a los requerimientos agroecológicos de diferentes especies e incluye el estudio de la variabilidad climática interanual. Asimismo, se plantea también el abordaje de la temática en distintos escenarios de cambio climático.</p>
<p>María Isabel Rojas Polanco Venezuela</p> 	<p>María Isabel Rojas Polanco received an M.Sc. in Statistics from Los Andes University, Venezuela.</p> <p>She is currently involved in doctoral research at the Los Andes University studying Downscaling Activities and their Applications on Studies of Climate Variability.</p> <p>María Isabel lectures meteorology and climate on pregrade at the same University and also works in research climate variability impacts in Venezuela.</p>