



IAI Summer Institute on Global Warming and Climate Changes: Causes, Mitigation Alternatives and International Actions

Piracicaba, Brazil, November 10-22, 2003

The Inter-American Institute for Global Change Research (IAI) is pleased to announce its Summer Institute on Global Warming and Climate Changes: Causes, Mitigation Alternatives and International Actions. This activity will be held in collaboration with the Center for Nuclear Energy applied to Agriculture (CENA) of the University of São Paulo (USP) in Brazil and the Research Unit "Soil carbon sequestration" of the Research Institute for the Development (IRD) of France.

Objectives: The overarching goal of the institute is to present and discuss global climate changes, the greenhouse effect, the potential positive and negative impacts of global warming, as well as mitigation alternatives and international actions, such as international treaties and protocol, as well as to catalyze stronger interactions among academics, stakeholders, and decision-makers from the IAI member countries in the region dealing with global climate changes and the greenhouse effect.

Programmatic Objectives:

1. Provide participants with a theoretical and methodological framework to better understand global warming and global climate changes and some of their potential environmental and socio-economic impacts;
2. Reproduce new scientific information on the evolution of global warming and global climate changes and on the relevance, effectiveness and efficiency of existing research and policy initiatives;
3. Build relations and improve communication between natural, social scientists and resource managers, decision makers and other professionals, and maximize the use of existing capability mechanisms, mainly the Clean Development Mechanism.

Institutional Objectives:

1. Develop a cooperative network of professionals in Latin America that can exchange knowledge and experience in future activities, share data and promote exchange and training of local professionals, as well as the development of partnership among governments, industries and communities;
2. Connect local and regional professionals and institutions in the region with initiatives and networks of other organizations dealing with the same subject (e.g. IPCC, Designated National Authorities and ad hoc ministries)
3. Inform local and regional professional on the funding opportunities available to support projects dealing with global warming and global climate changes, and related fields.

Program Coordinators:

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Summer Institute Program (see also detailed program): Institute organizers have developed a program that should be of interest to many professionals coming from the natural and social sciences communities and professionals.

The two-week curriculum will include 10 modules that will address the greenhouse effect, climate changes, sources and reservoirs of greenhouse gases and aerosols, potential impacts of global warming, mitigation alternatives, the potential effectiveness of international treaties, the negotiations post-Kyoto, the implications of the flexibility mechanisms on the non-Annex I countries, the carbon market and the human dimensions of climate changes.

During the second week of the institute, the curriculum will include some problem-driven group activities and discussions, laboratory work, and a field trip dealing with research and analysis of public data and the organization of a CDM mini-project, as well as the measures of soil carbon stock and fluxes of greenhouse gases.

Who Should Apply? Young researchers from the public and private sectors, and stakeholders interested in global climate changes and in particular in the carbon market and clean development mechanisms (CDM) and related issues from IAI member countries

Targeted Participants:

- Academics working in the study of global climate changes and the greenhouse effect, assessment of global warming and its impacts in the region. Academics are expected to have a record of peer-reviewed publications in the field, and to well justify an interest in multi-disciplinary research in the area;
- Graduate students at the Masters, PhD or Post Doctoral levels in Environmental, agronomic or forestry sciences, working on themes related to global warming and global climate changes in the region. Students are expected to have an approved thesis project in fields related to the Institute themes;
- Decision makers and stakeholders associated with Governmental and Non-Governmental organizations working in the assessment of global climate changes and its impacts, in the formulation and/or implementation of Government policies targeted at the region. In this case, applicants are expected to show a record of working in the formulation and/or implementation of Government policies, in the foundation or management of Non-Governmental organizations, or in the development of projects assessing impacts of climate changes in Latin America.

We would like to especially encourage application from professionals working with important socioeconomic sectors, such as agriculture, forestry, residues management, energy and transport, from governmental and non-governmental organizations, civil and other community associations,

industries, as well as from young scientists from natural and social sciences working on the application of scientific information into the public and/or private policy making processes in the region.

Language and Computer Requirement: The Summer Institute will be conducted in Spanish. Therefore, participants must have sufficient command of the language. It is also desirable that participants have working knowledge of the following languages English and Portuguese. Participants are expected to have fundamental computer skills

Eligibility:

- To be a citizen or permanent resident of an IAI member country;
- To have an official affiliation with a resource, policy, research management institution, governmental or not, university or research centers in an IAI Member Country;
- To have a minimum of a Bachelor's degree in a field that is related to the areas to be covered by the Institute;
- Minimum of 3 years of working experience in the areas to be explored by the Institute.

Financial Support: There are a limited number of travel fellowships available. Application for financial support will be evaluated on a case by case basis and will take into account academic and professional experience, relevance of work being developed in relation to the Summer Institute program, as well as regional and thematic balance.

Self Sponsorship: We encourage national/international and non governmental organizations interested in fully and/or partially sponsoring their own participants to the course, as long as they can demonstrate the benefits of this training to their current programs and activities.

Application - How to Apply: Applicants should submit the following documents as part of the application package:

1. Application form (see form on the IAI Summer Institutes website);
2. Short Curriculum Vitae (less than 3 pages – additional pages will not be considered);
3. Institutional letter of agreement from employer or academic institution (if student enrolled in graduate program). Letter must state the employer's agreement of the applicant's participation in the Summer Institute;
4. Academic background: Minimum of a Bachelor's degree diploma in a field that is related to the areas to be covered by the course;
5. Letter of recommendation of supervisor (for professionals) or academic advisor (for graduate students at the Masters, PhD and Post-Doctoral levels);
6. Physical aptitude to be able to meet the requirements of the course attendance (recent medical certificate);

Full attendance of the two weeks is required as well as participation in all course program activities.

Application Deadline: All application materials must be received by no later than **October 1st, 2003** at the IAI Directorate. Applications arriving after that date, or incomplete (i.e., missing some components) will not be considered.

Complete Applications can be sent by mail or electronically.

Mail applications should be sent to the following address:

IAI Directorate

Ref.: Application to the IAI Summer Institute on GW

Ave. dos Astronautas, 1758

12227-010 São José dos Campos, SP

BRAZIL

Electronic applications should be sent to the IAI Directorate at email si-gw@dir.iai.int the complete application should include scanned files of all the documents listed under the Application section, including signatures, in PDF format. Please use the following standard to name your files: YYY_FILE1.PDF, YYY_FILE2.PDF, YYY_FILE"N".PDF, where YYY is the initials of your name (example: Jose Luis Sanchez: JLS_FILE1.pdf, JLS_FILE2.pdf, note that document 1 is the Application form; document 2 is the short CV and so forth.

IAI Summer Institute Website: For further information on the IAI Summer Institute, please visit the IAI website at www.IAISummerInstitutes.iai.int