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**PROGRESS REPORT**

**Task Group on Data and Scenario Support for Impact and Climate Assessment (TGICA)**

(Submitted by Dr Richard Moss and Dr Jose Marengo, Co-Chairs, on behalf of the Task Group)

## **Progress Report**

### **Task Group on Data and Scenario Support for Impact and Climate Assessment (TGICA)**

The Task Group on Data and Scenario Support for Impact and Climate Assessment (TGICA) facilitates distribution and application of climate change related data and scenarios. The TGICA oversees a Data Distribution Centre (DDC) which provides data sets, climate and other scenarios, and other materials (e.g., technical guidelines on the use of scenarios). TGICA contributes to building capacity in the use of data and scenarios for climate-related research in developing (DC) and transition economy (EIT) regions and countries. The TGICA also convenes expert meetings on an as needed basis.

TGICA-14 was held at the University of the West Indies, St Augustine with the kind co-operation of and in conjunction with the Tenth International Conference for Spatial Data Infrastructure (GSDI-10). R. Moss was unable to attend, so T. Carter deputized as Co-Chair with J. Marengo.

The meeting considered the following main agenda points:

- The Regional Expert Meeting in Fiji (see below) was well received, with requests for other similar meetings to be organized – the report requires final editing and submissions of papers to a journal special issue are to be arranged;
- Progress in developing the DDC, including the availability of new AR4 data, optional user registration, the climate data visualization tool, responses to the user questionnaire (which is to be revised and re-launched), and a DVD service being offered for providing AR4 data and scenarios by world regions;
- Plans for a sub-group meeting in June to draft a "vision document" for the DDC considering user needs, weaknesses in data provision, awareness raising, ideas on regionalization, a repository for studies of observed impacts, co-ordination of data archiving and improved accessibility to information for developing countries;
- An offer to provide inputs to SBSTA in June 2008 (Bonn) and Nairobi Work Programme Workshops in Mexico and Trinidad (March 2008);
- In connection with the process of new scenario development, examining the possible role of the DDC in hosting libraries of new scenarios and/or impact and adaptation information, and a review of recent advances in pattern-scaling of climate model outputs;
- Agreement on timetables with authors for preparing guidance material on developing and applying sea level scenarios, on socio-economic scenarios, on the issue of uncertainty and on observed impacts;
- Organization of a one day workshop with international development agencies immediately following TGICA-15 to discuss the potential contribution of TGICA in building capacity for adaptation.

A GSDI-10/TGICA joint session was held on 28 February entitled: "Spatial Aspects of Climate Change Vulnerability, Impacts, Adaptation and Mitigation Roundtable". A panel of five TGICA members (Marengo, Hewitson, Jukes, Mitchell and Seguin) presented different aspects of the work of TGICA and the DDC, followed by lively discussion focused on types of information and methods of data distribution.

The TGICA, in collaboration with Global Change System for Analysis, Research and Training (START) and the Pacific Center for Environment and Sustainable Development at the University of South Pacific (PACE/USP) held an international Expert Meeting on "Integrating Analysis of Regional Climate Change and Response Options" in Nadi, Fiji, 20-22 June 2007. The Expert Meeting aimed to explore innovative approaches to interdisciplinary research associated with climate change, impacts, adaptation, vulnerability and mitigation. The majority of the 64 participants were selected based on abstract submissions from over 200 applicants. A 288-page meeting report has been compiled, including 43 individual papers and a synthesis of the meeting prepared by members of the Steering Committee. The report of the Regional Conference is currently being reviewed.

A special issue of Climate Research is being implemented for the publication of about 20 papers presented at the conference. The chief editor of Climate Research has agreed to host a special issue of this journal, and the Editorial committee for this special issue comprises J. Marengo, R. Moss, N. Leary, B. Hewitson, K. Avery and P. Koshi. The editors are currently in the process of contacting authors.

TGICA-15 will be held in Geneva, Switzerland during the week of 17-21 November 2008.