



## e-zine N° 6 – June 2007

### News

#### **Annual Meeting of WCRP's Joint Scientific Committee held in Zanzibar, March 2007**

The annual WCRP JSC in Tanzania was organized around a WCP/START/WCRP 'African Young Scientists' Networking Day' to identify African climate research needs. [Article](#). [Watch DVD](#).

#### **Supreme Body of World Meteorological Organization met 7-25 May 2007**

Dr John Church, Chair of the WCRP JSC, presented WCRP highlights since the last WMO Congress in 2003, and the WCRP Secretariat had a display on the state and needs of climate research and the French contribution to WCRP ([highlights](#)). Dr Michel Jarraud was re-appointed Secretary-General for the WMO for a second four year term. [WMO Press Release](#).

#### **Cryospheric observing system as important legacy of International Polar Year**

The recently published report of the Cryospheric Theme of the Integrated Global Observing System (IGOS-cryo), a joint initiative of WCRP/CIIC and SCAR, provides a reference framework for a more coordinated and integrated observing system of the cryosphere. Download [report](#).

#### **Connecting Earth System Science Research on Global Warming to Policy, Side Event**

WCRP and its partners in the Earth System Science Partnership (ESSP) held a Side Event at the 26<sup>th</sup> session of UNFCCC SBSTA in Bonn, Germany, on 7 May 2007. [Article](#) & [presentations](#).

#### **Adaptation strategies in a changing world – UNFCCC Nairobi's Work Programme**

The recently published brochure on Climate Information for Adaptation and Development Needs (WMO-No.1025), edited jointly by WCRP and the World Climate Programme, includes an array of useful examples on adaptation strategies and needs in various sectors. [Download](#).

#### **New website on Japanese contribution to WCRP welcomes Japanese speakers**

The Japan Agency for Marine-Earth Science and Technology created a new website on their work in support of WCRP's aims and objectives. <http://www.jamstec.go.jp/frcgc/wcrp/>.

#### **Award's prize money donated to establish malaria database in Tanzania**

Dr Tim Palmer, Co-Chair of WCRP/CLIVAR, together with his 24 co-recipients of the 2006 Gerbier-MUMM Award, recently invested the prize money in a project lead by the Tanzania Meteorological Agency to study the impacts of climate variability on malaria. Read [article](#).

#### **European movies map global greenhouse gas and carbon monoxide movement**

Researchers around Prof. John Burrows, University of Bremen, member of WCRP/SPARC Steering Group and 2006 William Nordberg Medal-winner, produced first-ever movies of how greenhouse gas concentrations change with the season in the period of 2003 to 2005. [More](#).

#### **IPCC Climate Change Assessment Report on adaptation and mitigation**

Summaries for Policymakers of the IPCC Working Group II report on Impacts, Adaptation and Vulnerability and the Group III report on Mitigation were published in April & May 2007, [more](#).

#### **Improving seasonal prediction benefits to users Workshop, Barcelona, 4-7 June 2007**

Advances in seasonal climate prediction to be shared with NMHSs and their potential economic and societal end-users will be discussed at the [WCRP Workshop on Seasonal Climate Prediction](#).

### **WCRP/GEWEX data valuable to renewable energy technology sectors**

GEWEX-derived data highly valuable to engineers, architects, and planners in the renewable energy sector, are now available on a website serving climate decision support systems. [More](#).

### **Meteoalarm for quick glance at extreme weather events over Europe**

National weather services from across the European Union have joined forces to create a web site providing up-to-the-minute information on extreme weather across the continent. [More](#).

### **Global Assessments: Bridging Scales and Linking to Policy, May 2007**

The ESSP Global Water System Project and The Integrated Assessment Society shared co-operations in the area of global assessments at a successful workshop in Washington DC, [more](#).

### **Baltic Sea Climate Change Assessment: atmospheric temperature continues to rise**

The Helsinki Commission adopted the report based on WCRP's Baltic Sea Experiment which indicates temperature rise during the 21<sup>st</sup> century in all sub-regions of the Baltic Sea. [Article](#).

### **El Niño Updates still benefiting from WCRP research**

According to the WMO El Niño Update of March 2007, the El Niño event of the latter half of 2006 has ended and Pacific-wide conditions are now neutral. These predictions flow directly from WCRP's TOGA experiment which provided the physical understanding of ENSO. [More](#).

### **ICSU: Global Scientific Challenges – Perspectives from Young Scientists, April 2007**

142 young scientists from 71 countries, amongst them two WCRP-sponsored young climate modellers, met in Lindau, Germany, for a unique event focussing on the changing global context for the conduct of science ([http://www.icsu.org/10\\_icsu75/75ANNIV\\_Young.html](http://www.icsu.org/10_icsu75/75ANNIV_Young.html)).

### **ESSP Global Carbon Project combating deforestation addresses UNFCCC policy**

Recommendations to the UNFCCC Parties on the avoidance of deforestation for cattle production in tropical regions were published in the *Science Policy Forum* (Vol. 316, [article](#)). A new study published in *Proceedings of the National Academy of Science* shows accelerating trends in carbon emissions in recent years (read [study](#)). More on [www.globalcarbonproject.org](http://www.globalcarbonproject.org).

### **Latest on WCRP Core Projects**

Read latest newsletters of CLIVAR ([No. 14](#)), GEWEX ([Vol. 17/1](#)), the CLIVAR Variability of the American Monsoon System (VAMOS) project ([No. 3](#)), and the Working Group on Surface Fluxes ([No. 3](#)) on recent research products and highlights of WCRP Core Projects.

## **Events**

### **24<sup>th</sup> Assembly of the IOC of UNESCO meet in Paris, 19-28 June 2007**

The principal organ for guidance of the Intergovernmental Oceanographic Commission (IOC) composed of 136 member states will meet in the IOC-headquarters in France. [More](#).

### **Learning from the IPCC Fourth Assessment Report, Workshop, 4-6 October 2007**

WCRP, the Global Climate Observing System (GCOS) and IGBP are organizing a workshop in Sydney, Australia, to build on learnings from IPCC's 2007 reports. Look for [updates](#).

### **Reanalyses essential for climate research activities, Conference, January 2008**

Recent reanalyses of climate data from the past 40-year (ERA-40) and 25-year (JRA-25) period were initiated by WCRP on the 1st WCRP International Conference on Reanalysis. The 3rd such Conference is now planned to take place in Tokyo, Japan, in 2008. [Register](#) now.

### **World's oceans under climate stress, International PICES Symposium, May 2008**

Envisioned to take a comprehensive look at global and local effects and consequences of climate change on the functioning of marine ecosystems and to increase our ability to forecast these effects PICES invites to a WCRP co-sponsored event in Spain, 19-23 May 2008. [More](#).

### **Resilience, Adaptation and Transformation in Turbulent Times, April 2008, Sweden**

The RESILIENCE 2008 workshop organized by the Royal Swedish Academy of Sciences and ICSU will explore current understanding of resilience, adaptability and pathways of transformation in systems of humans and nature. <http://www.resilience2008.org/>.