



## ezine N° 4 – December 2006

### News

#### **Expert Team on Climate Change Detection and Indices – Canada, November 14-16, 2006**

WCRP-CLIVAR/CCI/JCOMM team plans to provide online access to climate indices, to disseminate data homogenization and indices software, and to develop indices resources including a review paper, guidance materials and workshops. <http://ccma.seos.uvic.ca/ETCCDMI/index.shtml>.

#### **WCRP leads IGOS-Cryosphere Theme and prepares for International Polar Year (IPY)**

IGOS Cryosphere (draft [PDF](#)) creates a framework for improved coordination of cryospheric observations plus important recommendations for the IPY activities. <http://igos-cryosphere.org/>

#### **WCRP sponsors another mega event: ESSP Open Science Conference (OSC) in China**

The second ESSP Open Science Conference (OSC), held in Beijing, China, in November 2006 on "Global Environmental Change: Regional Challenges", attracted more than 800 scientists, policy makers, practitioners, scholars and stakeholders. [www.essp.org/ESSP2006](http://www.essp.org/ESSP2006)

#### **Joint ESSP project on Global Environmental Change and Human Health launched**

In addition to the existing three joint projects of the ESSP (on the global carbon cycle, food systems and water resources), a fourth joint project on Global Environmental Change and Human Health was launched at the OSC in Beijing, China. [www.essp.org/en/joint-projects/health.html](http://www.essp.org/en/joint-projects/health.html)

#### **ESSP Monsoon Asia Integrated Regional Study (MAIRS) first science plan completed**

The International Science Plan of the first ESSP regional effort, the Monsoon Asia Integrated Regional study (MAIRS), was presented at the OSC in Beijing, China. [www.mairs-essp.org](http://www.mairs-essp.org)

#### **Dr. Stephen Schneider lectures at WCRP on "dangerous" climatic change**

WCRP was pleased to welcome Dr. Schneider, a key IPCC contributor, to the WMO Secretariat to speak on "Can we define, let alone prevent, 'dangerous' climatic change?" [www.climatechange.net](http://www.climatechange.net)

#### **World Has Under Decade to Act on Climate Crisis declares US climate scientist**

Leading US climate scientist, Dr Jim Hansen, says the world has less than a decade to take decisive action in the battle to beat global warming or risk irreversible change that will tip the planet towards catastrophe. [www.planetark.org/dailynewsstory.cfm/newsid/39096/story.htm](http://www.planetark.org/dailynewsstory.cfm/newsid/39096/story.htm)

#### **ESSP partners submit to SBSTA 25 in Nairobi on climate change research gaps**

Based on the information provided at the special side event on research needs at SBSTA 24, WCRP, jointly with IGBP, IHDP and DIVERSITAS, submitted a report for discussion in Nairobi at SBSTA 25 identifying gaps in climate research programmes to meet the needs of the Convention. <http://unfccc.int/resource/docs/2006/sbsta/eng/misc15.pdf>

#### **WCRP Strategic Framework 2005-2015 available in Chinese**

Download the framework from [http://wcrp.wmo.int/pdf/WCRP\\_StrategicFramework\\_Chinese.pdf](http://wcrp.wmo.int/pdf/WCRP_StrategicFramework_Chinese.pdf).

## **WCRP Annual Report 2005-2006, New Futures: Building on Great Success now available**

The WCRP Annual Report ([PDF](#)) chronicles the activities of WCRP from July 2005 to June 2006 including its four core projects (CLIVAR, GEWEX, SPARC and CliC), diverse cross-cutting initiatives and many collaborations. To order a hardcopy, send a request to [wcrp@wmo.int](mailto:wcrp@wmo.int).

## **Increases in sea-level rise confirmed in Summary from WCRP Workshop**

Participants of the Workshop on Understanding Sea-level Rise and Variability have recently issued a summary statement that confirms that global mean sea levels are rising almost twice as fast as in the previous century. [http://www.icsu.org/9\\_latestnews/latest\\_21.html](http://www.icsu.org/9_latestnews/latest_21.html)

## **Networking Workshops with key stakeholders held in Asia, Europe and America**

WCRP has now conducted three Workshops with key stakeholders in the Institute of Atmospheric Physics (IAP), Beijing, China; the European Centre for Medium Range Weather Forecasts (ECMWF), Reading, UK; and the National Research Council's Climate Research Committee (CRC), Washington, DC, USA. The JSC will review this report in Zanzibar in March, 2007.

## **WCRP Director participates in IGFA 2006 Annual Meeting in Montreal, Canada**

Dr A. Henderson-Sellers participated in the IGFA Annual Meeting with other ESSP programmes to stress the importance of global change research to key funding agents. [www.igfagcr.org](http://www.igfagcr.org)

## **New book on Global Environmental Change and Infectious Diseases available soon**

New [book](#) by Dr. R. Sauerborn & Dr. V. Louis examines how human-induced global environmental changes, including climate change, may affect infectious diseases.

## **Support for developing countries agreed at Nairobi Climate Change Conference**

Improved capacity building and technology transfer to better prepare developing nations for the effects of climate change called for at COP12. [http://unfccc.int/meetings/cop\\_12/items/3754.php](http://unfccc.int/meetings/cop_12/items/3754.php)

## **Stern Review on the Economics of Climate Change**

Sir Nicholas Stern, Head of the Government Economics Service and Adviser to the Government on the economics of climate change and development, states in his October 2006 report that the net impact of climate on the global economy will reach \$2.5 trillion per annum. [Full Report](#)

## **WMO Greenhouse Gas Bulletin states 2005 atmospheric CO<sub>2</sub> levels highest on record**

The recently published WMO 2005 Greenhouse Gas Bulletin ([PDF](#)) states that quantities of CO<sub>2</sub> were measured at 379.1 parts per million (ppm), up 0.53 percent from 377.1 ppm in 2004.

### **Events**

#### **WGNE International Verification Methods Workshop, Reading, UK, Jan. 29-Feb. 2, 2007**

For more information, visit [www.ecmwf.int/newsevents/meetings/workshops/2007/jwgv/](http://www.ecmwf.int/newsevents/meetings/workshops/2007/jwgv/).

#### **WGNE Workshop on Systematic Errors in Climate and NWP Models, Feb. 12-16, 2007**

For more information, visit [www-pcmdi.llnl.gov/wgne2007/](http://www-pcmdi.llnl.gov/wgne2007/).

#### **SOLAS Open Science Conference (OSC), Xiamen, China, March 6-9, 2007**

For more information, visit [www.solas2007.confmanager.com](http://www.solas2007.confmanager.com).

#### **WMO Conference on Secure and Sustainable Living, Madrid, Spain, March 19-22, 2007**

For more information, visit [www.wmo.int/Madrid07](http://www.wmo.int/Madrid07).

### **New Faces**

#### **Welcome to the newest member of the WCRP Secretariat**

Valerie Spalding ([VSpalding@wmo.int](mailto:VSpalding@wmo.int)) joined the JPS in early September to work on activities related to the implementation of WCRP's Strategic Framework.