

Status Report - 2015

International Commission on Remote Sensing(ICRS)

Current Officers

PP	Ian Cluckie	UK
President	Christopher Neale	USA
VP	Frédérique Seyler	France
VP	Simon Stisen	Denmark
VP	Zonghbo (Bob) Su	The Netherlands
S	Yangbo Chen	China

Activities 2014-2015

Organization of the ICRS official meeting

The Remote Sensing and Hydrology Symposium is the official meeting of International Commission on Remote Sensing (ICRS) of IAHS, and its first and second meetings were held in Santa Fe and Jackson Hole, USA. The 3rd Remote Sensing and Hydrology Symposium (RSHS'14) was held in Guangzhou, China in August 2014, with 120+ participants from different countries.

78 peer reviewed full papers presented in this meeting were published by IAHS press as the Red Book No. 368 entitled as "Remote Sensing and GIS for Hydrology and Water Resources" in May 2015, which are organized into 4 topics including GIS and Remote Sensing, Hydrology, Water Resources and Environment. Eight full papers have been accepted for publication in the Journal of Environment Research after further peer view.

Co-organization of the 26th IUGG congress symposium and workshops held in Prague

ICRS officers have been involved in the preparation of several symposium and workshops of the 26th IUGG congress to be held in Prague as listed below.

Session	Organizer/Co-organizer
HW19: Remote Sensing Retrievals of Precipitation and Evapotranspiration	Organizer
JH03/JG03: Assessment of Climate and Anthropogenic Changes Impacts on the Terrestrial Hydrosphere	Co-organizer
HS01: Changes in flood risk and perception in catchments and cities	Co-organizer
HW13: Hydrological Predictions in Ungauged Basins	Co-organizer
JG3: Variations of the Hydrosphere from Satellite Gravity Missions	Co-organizer

Sessions Organized and/or Participation in other conferences:

- The co-organization of a session at EGU 2015 G3.3/HS6.9 Hydro-geodesy: Application of spaceborne geodetic sensors for hydrological studies (co-organized)

- Participation to the scientific committee of 3rd SPACE FOR HYDROLOGY WORKSHOP Surface Water Storage and Runoff: Modeling, In-Situ data and Remote Sensing 15–17 September 2015 ESA–ESRIN Frascati (Rome), Italy

- Participation in the Dragon advanced training course on water resources and land remote sensing, 13-18 Oct. 2014 Similar to previous Dragon training courses but split in courses on water resources and land remote sensing. The host was Jiangxi Normal University (JNU) Nanchang, PRC.

- CAHMDA VI in Austin, Texas Sept 8-12, 2014. This is a continuation of the Catchment Hydrological Modelling and Data Assimilation workshop held at U. Twente in 2012. Details of presentations can be found at:
<http://www.jsg.utexas.edu/ciess/cahmda-vi-hepex-dafoh-iii/>

Leading the Panta Rhei working group on Modeling Hydrological processes and changes

ICRS Secretary, Professor Yangbo Chen has initiated and led the Panta Rhei working group on Modeling Hydrological Processes and Changes with most of the ICRS officers involved, there are more than 60 group members coming from 8 countries. This WG held its kick-off meeting in August 2014 in China, and held another two seminars in China.

Activities 2015-2016

Organizing symposiums and workshops during the IAHS assembly to be held in 2017

Working on Panta Rhei working group on Modeling Hydrological Processes and Changes

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Professor Christopher Neale
President, ICRS

Professor Yangbo Chen
Secretary, ICRS