

International Commission on Surface Water (ICSW), IAHS Activity Report - June 2015

1. Commission Officers

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2. Activities

2.1 Activities in Panta Rhei

2.1.1 Appointment in Panta Rhei

The IAHS Bureau appointed two officers of ICSW as Target Leader and Co-Leader for two targets of the Panta Rhei initiative of IAHS for the first biennium of the initiative (2013-2015). This has been active since July 2013, the IAHS Assembly in Gotenburg, Sweden.

a) Hafzullah Aksoy (P, ICSW) has been appointed as the Leader of Target 2 (Estimation and Prediction) under Panta Rhei

b) Yan Huang (S, ICSW) has been appointed as the Co-Leader of Target 3 (Science in Practice) under Panta Rhei

2.1.2 Launching Working Group

February 2014 - The Working Group "*Prediction under Change*" chaired by Hafzullah Aksoy (P, ICSW) was launched. The WG aims at making input for Target 2 – Estimation and Prediction of Panta Rhei. It is also expected to help in Understanding the change (Target 1) and Practicing the Science (Target 3).

2.1.3 Membership in WG

Hafzullah Aksoy (P, ICSW) is a member of the Panta Rhei WG "*Improving Hydrological Systems Knowledge*" chaired by Jun Xia from China.

2.1.4 Dissemination activities for Panta Rhei

Panta Rhei has been introduced in following meetings:

1. February 2014 - Annual meeting of National Hydrology Commission of Turkey, Ankara, Turkey.
2. August 2014 - ICRS - IAHS meeting on *Remote Sensing and GIS for Hydrology and Water Resources*, Guangzhou, China.
3. October 2014, Progress meeting of the EU project "A Scientific Network for Earthquake, Landslide and Flood Hazard Prevention", Burgas, Bulgaria.
4. March 2015 - Annual meeting of National Hydrology Commission of Turkey, Istanbul, Turkey.

5. Also, in terms of introducing Panta Rhei, a number of contributions through meetings and email exchanges has been made by ICSW Secretariat in China. Also an email exchange through the National Hydrology Commission of Turkey was distributed among all hydrologists in Turkey.

2.1.5 Contribution to Panta Rhei Visionary papers

Contribution by the ICSW to visionary papers currently under preparation by the Panta Rhei is an ongoing process.

2.2 Convening / Co-convening workshops and symposia at IUGG 2015

- Convener (Hafzullah Aksoy) for HW13 "*Hydrological Predictions in Ungauged Basins*" at IUGG Assembly in Prague, Czech Republic, June 22 - July 2, 2015.
- Co-Convener (Hafzullah Aksoy) for HS01 "*Changes in Flood Risk and Perception in Catchments and Cities*" at IUGG Assembly in Prague, Czech Republic, June 22 - July 2, 2015.
- Co-Convener (Hafzullah Aksoy) for HW04 "*Hydrological Change in Statistical Perspective*" at IUGG Assembly in Prague, Czech Republic, June 22 - July 2, 2015.
- Co-Convener (Eric Servat) for HW09 "*Hydrology Education in the Classroom*" at IUGG Assembly in Prague, Czech Republic, June 22 - July 2, 2015.
- Co-Convener (David Hannah) for HW01 "*Exchange Processes at Aquatic Boundaries and Their Effects on Ecosystems*" at IUGG Assembly in Prague, Czech Republic, June 22 - July 2, 2015.
- Co-Convener (David Hannah) for HW12 "*Using Environmental Observatories in Catchment Studies and Management*" at IUGG Assembly in Prague, Czech Republic, June 22 - July 2, 2015.
- Co-Convener (Walter Collischon) for HW17 "*Hydrological Forecasting and Predictive Uncertainty: Advances and Challenges of Transferring Science into Operational Practice*" at IUGG Assembly in Prague, Czech Republic, June 22 - July 2, 2015.

2.3 Participation of meetings linked to ICSW

The ICSW has been very active in participating scientific, technical and administrative meetings worldwide and at national level.

2.4 Publications

The ICSW has been very active in producing scientific publications both at national and international level.

2.5 Links with UNESCO Initiatives

The ICSW has active roles in the FRIEND (Flow Regimes from International and Experimental Network Data) and ISI (International Sedimentation Initiative) programs of UNESCO.

3. Thoughts for the future

For upgrading the situation of ICSW to a better stage followings can be considered in the (near) future.

- It is important to change the strategy by getting contribution from young hydrologists into the Commission to help on coordination and communication.
- Organization of scientific meetings by the Commission is considered important.
- Discussion on how to go on this committee work in the future, on what particular areas or topics, and through what means.