

ICSIH Annual Report to IAHS Bureau

17, June, 2015; Dr. Danny Marks, ICSIH President



1. Introduction.

ICSIH, the International Commission on Snow and Ice Hydrology, continues its work in promoting and developing an exciting and growing area of hydrology – which occurs at the triple phase change from snow and ice to water and water vapour and is dominant at the high altitude and high latitude cold regions and in cold seasons over much of the Earth's surface. Snow and ice hydrology has an inordinately effective role in generating runoff that is important outside of the cold regions and seasons and can form an important water source for temperate and tropical regions downstream. Snow and ice hydrological systems are relatively ungauged, difficult to predict and highly sensitive to the impacts of climate change. ICSIH has a special role within IAHS by fostering a connection between IAHS and the International Association of Cryospheric Sciences IACS.

2. Organisation

ICSIH Bureau 2014-2015.

President: Dr. Danny Marks, Agricultural Research Service, Dept. of Agriculture, USA

Past President: Professor John Pomeroy, University of Saskatchewan, Canada & Aberystwyth University, Aberystwyth, Wales

Vice-President: Dr. Tobias Jonas, WSL Institute for Snow and Avalanche Research SLF, Davos, Switzerland

Vice-President: Dr. Alexander Gelfan, Russian Academy of Sciences, Moscow, Russia

Vice-President: Dr. Tetsuya Hiyama, Research Institute for Humanity and Nature, Kyoto, Japan

Secretary: Dr. Regine Hock, Uppsala University, Sweden & University of Alaska, Fairbanks, USA

3. ICSIH Activities 2014-2015

ICSIH organized 2 sessions for the IUGG meeting in Prague: 1) IAHS symposia, HW18: *Advances in Remote Observation of Snow*, convened by ICSIH VP Tobias Jonas (Davos, Switzerland), with co-conveners Jeffrey Deems (Boulder, USA), Hans-Peter Marshall (Boise, USA), Ernesto Trujillo Gomez (Lausanne, Switzerland), Juraj Parajka (Vienna, Austria), with 3 oral slots (17 talks), 12 posters and 29 abstracts in total; 2) a joint symposia with IACS and IAMAS, JC2 Impact of Climate Warming on High-Latitude and High-Altitude Hydro- and Cryosphere, convened by Charles Fierz, Davos, Switzerland (IACS), with co-conveners Wolfgang Schoener, Vienna, Austria (IAMAS); Danny Marks, Boise, USA (IAHS/ICSIH); Tobias Jonas, Davos, Switzerland (IAHS/ICSIH).

We are also planning a symposium (**Mountain Snow and Ice Flooding**) possibly in Banff, Canada in 2016.

ICSIH Bureau, April 2014.