



IAHS Newsletter

NL89 September 2007

Includes reports of many of the symposia and workshops held in July at the IAHS Scientific Assembly at IUGG Perugia

Des Walling's commitment to the study of erosion and sedimentation rewarded with the 2007 International Hydrology Prize



The 2007 International Hydrology Prize, awarded annually by IAHS with UNESCO-IHP and WMO, was presented to Professor D. E. Walling by A. Askew (IAHS President) and S. Demuth representing UNESCO Water Sciences Division. The ceremony took place during the second IAHS plenary at Perugia. See p. 4 for the citation.

Des (left) about to receive the silver medal from Arthur Askew.

Contents

A Note to Members	2
Int. Hydrology Prize	4
Tison award	7
Reports from Perugia	8
Groundwater–Seawater	8
Groundwater–Surface Water	8
Predictive uncertainty	9
Water quality and sediment	10
Water resources systems	11
Remote sensing	11
Isotope tracing	11
Model evaluation	11
Measurements to prediction	13
Resources management	13
Sediment	14
Loss of knowledge	14
Snow–veg–atmos interact	15
Frisbee match	16
IAHS Press in Perugia	16
Perugia Red Books	17
ICSU Young Scientists	19
IUGG Young Scientists	20
National Reps	20
EGU Darcy Medal	21
Calendar of Activities	23

Young/early career scientists events at ICSU and IUGG

Global Scientific Challenges: Perspectives from Young Scientists, a conference celebrating 75 years of ICSU (April 2007), emphasized the great potential of scientists in Less Economically Developed Countries; the importance of science communication; and the need to remove some of the institutional barriers to transdisciplinarity. See report p.19.

Young Scientists Event, IUGG Perugia (July 2007) proposed actions to engage more “early career” scientists in IUGG (and IAHS). See report p.20.

2007 Tison Award for Christophe Cudennec and Houda Boudhraa

See p.7 for the citation.

Distributed versus Lumped Modellers' frisbee match tied 1–1

The IAHS conference in Perugia was rich in intense and lively scientific discussions, both during and after the sessions. On the streets leading to the underground poster hall, a vivid discussion started among a group of young hydrologists, concerning the relative merits of lumped and distributed hydrological models.

Our first reaction was to find Vit Klemeš, the well-known former IAHS president, and ask him to settle the dispute in his own way but he declared that he didn't “want to engage into 21st century hydrology”. We had thus to settle the question by ourselves, and we agreed to confront our forces in a frisbee game. The lumped modellers would confront the distributed modellers, and the winning side



Players with the frisbee adapted to Lumped Modellers! would earn the much desired title of ‘best hydrological modellers’ for the coming two years. Continued p. 15