

From Nordic Hydrology to Hydrology Research

It is with great pleasure that we present *Hydrology Research*, which marks an important development of *Nordic Hydrology*. As many readers will know, *Nordic Hydrology* began in 1970 and has been the very successful official journal of the Nordic Association for Hydrology (NHF). However, the idea that readers of, and contributors to, *Nordic Hydrology* would benefit from its further development had been gaining ground in recent years. One way of doing this was to reach out more actively and effectively to a wider base of hydrologists in northwest Europe and throughout the rest of the world. Knowing that the British Hydrological Society (BHS) had been considering starting a journal (in response to continual prompting to do so from many of its members) the NHF approached BHS to establish to what extent the two organisations might work together to re-launch *Nordic Hydrology*. The approach from the NHF was warmly received by the BHS. Formal discussions between NHF, BHS and IWA Publishing (IWAP had been publishing *Nordic Hydrology* since 2004) began in 2006, and agreement between the parties was reached in 2007. The new title, *Hydrology Research*, marks the transition from *Nordic Hydrology*. Volume numbering for the *Hydrology Research* carries on from that of *Nordic Hydrology*.

The new, expanded, Editorial Board for *Hydrology Research* comprises five members from Nordic countries, five from the UK and, to reinforce the wider international flavour of the journal, up to twenty from other countries around the world. Members of the Editorial Board play a key role and we look forward to working closely with them to build the reputation and standing of the journal. In that respect the active support of our respective national organisations (NHF and BHS) is, of course, essential and most welcome; we hope that *Hydrology Research*, now the official journal of both organisations, will be a significant step in the long-standing friendship and collaboration between NHF and BHS.

The success of any journal of refereed papers, such as *Hydrology Research*, depends upon the advice given by reviewers to the Editors concerning which manuscripts are

suitable for publication, and their advice to authors concerning how to improve manuscripts before publication can be recommended. We thank the reviewers of manuscripts submitted to *Nordic Hydrology* and *Hydrology Research* for their hard work, especially during this time of transition, and look forward to their continued help and support. Also, the success of *Hydrology Research* will depend to a large extent, of course, on the number and quality of submitted manuscripts. Members of both NHF and BHS, and hydrologists everywhere around the world, are encouraged to consider *Hydrology Research* when preparing and submitting their manuscripts for publication.

Hydrology is, of course, a broad subject that draws from a wide range of disciplines, and it is often applied within an integrated approach to solve real problems and help inform debate on 'issues of the day'. *Hydrology Research* will reflect those features, providing a link between fundamental hydrological research on the one hand, and, on the other hand, hydrological aspects of water resources and environmental management. Topics covered by the journal include (but are not limited to): descriptions, assessments and applications of measurement, monitoring and survey techniques (ground-based and remotely-sensed at plot, regional, national, international and global scales); process and catchment-scale studies (based on measurements of water quantity and quality at research sites); soil-atmosphere-vegetation interaction studies; erosion and sediment transport; hydroecological studies (new methods, results from surveys, etc.); modelling and modelling techniques (especially with illustrative assessments and applications); flow regime studies (flood and low-flow hydrology, whole-regime characterisation); flood forecasting and flood management; regional studies (employing regional, national and international water quantity and quality, and other, databases); information transfer from gauged to ungauged basins (with uncertainties); hydrological impacts of environmental variability and change (land-use, climate, trends); urban hydrology; water resources and environmental management (e.g. optimal and sustainable allocation of water resources, impacts of farming practices on the

water quality of rivers, lakes and aquifers); groundwater studies (recharge, abstraction, interaction with surface water, conservative and reactive transport); and snow and ice studies (storage and melting, areal coverage, glacier advance and retreat, energy budgets).

We invite you to take part in the re-launch of the journal by submitting high-quality papers via the online system at <http://www.editorialmanager.com/hydrology/>.

We would remind you that *Hydrology Research* is distributed both electronically and in printed format.

Dan Rosbjerg

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