



A special journal issue was dedicated to the 4th Study Conference on BALTEX.
The following 10 papers appear in **Nordic Hydrology, Vol. 36, No. 4-5, 2005**:

- Isemer, H.-J., S.-E. Gryning, D. Rosbjerg: Preface - Special issue of Nordic Hydrology – 4 Study Conference on BALTEX. pp. 295-296
- Sepp, M., P. Post, J. Jaagus: Long-term changes in the frequency of cyclones and their trajectories in Central and Northern Europe. pp. 297
- Kitaev, L., E. Førland, V. Razuvaev, O. E. Tveito, O. Krueger: Distribution of snow cover over Northern Eurasia. pp. 311- 320
- Krysanova, V., F. Hattermann, A. Habeck: Expected changes in water resources availability and water quality with respect to climate change in the Elbe River basin (Germany). pp. 321-334
- Lindau, R., C. Simmer: Derivation of a root zone soil moisture algorithm and its application to validate model data. pp. 335-348
- Arpe, K., S. Hagemann, D. Jacob, E. Roeckner: The realism of the ECHAM5 models to simulate the hydrological cycle in the Arctic and North European area. pp. 349-368
- Omstedt, A., Y. Chen, K. Wesslander: A comparison between the ERA40 and the SMHI gridded meteorological databases as applied to Baltic Sea modelling. pp. 369-380
- Rutgersson, A., A. Omstedt and Y. Chen: Evaluation of the heat balance components over the Baltic Sea using four gridded meteorological databases and direct observations. pp. 381-396
- Kjellström, E., R. Döscher, H.E. M. Meier: Atmospheric response to different sea surface temperatures in the Baltic Sea: coupled versus uncoupled regional climate model experiments. pp. 397-410
- Kowalewska-Kalkowska, H., M. Kowalewski: Operational hydrodynamic model for forecasting extreme hydrographic events in the Oder Estuary. pp. 411-422
- Jakobson, E., H. Ohvri, O. Okulov, N. Laulainen: Variability of radiosonde-observed precipitable water in the Baltic region. pp. 423-433