



EDITORIAL

Dear readers,

We have the pleasure to present to you the new regular issue of the Bulgarian Journal of Meteorology and Hydrology (BJMH). It consists of ten original papers by Bulgarian, Albanian, Bosnian and Ukrainian meteorologists and hydrologists.

The authors of the first three papers were participants in the target group of the project BG051PO001-3.3.06-0063 under the “Programme for multidisciplinary training of PhD students, post-docs, post graduate students and young scientists”, funded by the Operational Programme “Human Resources Development”, co-financed by the European Social Fund of the European Union 2007-2013, with beneficiary the National Institute of Meteorology and Hydrology. As stated in BJMH Special issue, vol. 20, No 5 from 2015, the studies in these papers were presented at the National Science Workshop, held in Hisar (28.09.-01.10.2015) in the frame of the project.

The fourth paper is dedicated to description and construction of the climate of cyclonic activity in the Mediterranean, proposing original and relatively simple method for calculating the potential vorticity flow.

The fifth paper deals with the macrocirculation processes of the northwest Black sea region, contributing to surface wind strengthening.

The sixth one gives quantitative assessment of water losses of Badovc Lake in Kosovo based on both water balance of the lake and water isotopic composition.

In the seventh paper, through experimental studies within a real water management system in Bulgaria, the author proves the feasibility of the proposed methodological approach and the mathematical model, mainly for improvement and efficiency of the procedure for issuing permits for water abstractions.

The eighth paper gives the latest statistical data from observations on groundwater chemical status of EU Member States in particularly Bulgaria and Belgium.

The last two papers (Part one and two) deal with different numerical simulations of the groundwater level fluctuations in riparian lowlands.

We are currently inviting authors to submit original and high quality works to be published in the journal. We are strongly motivated to assure the regular issuing of BJMH and to raise its popularity among scientific communities both in Bulgaria and abroad.

Ekaterina Batchvarova (Chief Editor)
Tatiana Spassova (Technical Editor)