

**Списък на доклади, презентации и публикации на ас. д-р Георги Георгиев
Кошинчанов във връзка с обявения конкурс от НИМХ-БАН за главен асистент в
област на висше образование 5. Технически науки, професионално направление
5.7. Архитектура, строителство и геодезия (Инженерна хидрология, хидравлика и
водно стопанство) в секция „Хидрологични прогнози“ към департамент
„Прогнози и информационно обслужване“**

Презентации и постери в български и чуждестранни конференции:

G. Koshinchanov, D. Dimitrov, “Struma River Basin Data Acquisition And Processing System”, Poster at ERB and Northern European FRIEND Project 5 conference, September 2002, Demanoska Dolina, Slovakia.

G. Koshinchanov, “Water Budget of some subcatchments in the Bulgarian part of the Struma River Basin”, Closing paper (presentation) at the 34th International Postgraduate Course on Hydrology with special regard to IWRM, July 2003, Budapest, Hungary.

G. Koshinchanov, et.al. “Characterization of a certain region and analyses of information needed for modeling of the flood. Choosing the appropriate model.”, Presentation at EVD course on Water Framework Directive and Flood Risk Management, February 2008, Bankya, Bulgaria.

G. Koshinchanov, S. Balabanova, D. Dimitrov “Different Approaches on simulating flood plains using MIKE 11 model”, Poster at BALWOIS Conference, May 2008, Ohrid, Macedonia.

G. Koshinchanov, D. Dimitrov “Precipitation intensity probability distribution modeling for hydrological and construction design purposes”, presentation at 24th Conference of the Danubian Countries, 2-4 June 2008, Bled, Slovenia.

S. Balabanova, G. Koshinchanov, D. Dimitrov. “GIS tools and hydraulic modelling usage in flood simulation via DHI MIKE 11 platform (on the example of Novi Iskar Area)”, presentation at 5th World Water Forum, 19-20 June 2008 held by State Hydraulic Works, Edirne, Turkey, pp. 143-152.

D. Dimitrov, S. Balabanova, G. Koshinchanov “Floods Information and Forecasting services (NIMH Sofia Hydrological bureau)”, presentation 5th World Water Forum, 19-20 June 2008 held by State Hydraulic Works, Edirne, Turkey.

G. Koshinchanov, S. Balabanova, “Simulation and forecasting of the peak discharges using the NAM module of MIKE 11 platform”, Presentation at Fourth Austrian-Bulgarian seminar, October 2009, Sofia, Bulgaria

Arne Roelevink, Job Udo, Georgy Koshinchanov, Snezhanka Balabanova “Flood forecasting system for the Maritsa and Tundzha Rivers”, Presentation at BALWOIS Conference, May 2010, Ohrid, Macedonia.

Д. Димитров, Сн. Балабанова, Е. Артинян, Г. Кошинчанов “Настояще и бъдеще на хидрологичните прогнози в НИМХ”, презентация в Научна сесия по случай 150 години метеорологични измервания, Ноември 2010, София, България

Н. Лисев, Е. Артинян, Д. Димитров, Сн. Балабанова, Г. Кошинчанов “Система за ранно предупреждение при наводнения в средното и долно течение на реките Марица и Тунджа”, презентация в Научна сесия по случай 150 години метеорологични измервания, Ноември 2010, София, България

D. Dimitrov, G. Koshinchanov, E. Artinyan, 2011, "Flash flood forecast activities of NIMH in the frame of SAFER project", poster at the 2nd GMES Operational Capacity Workshop, Sofia, 17 – 18 March 2011,

A. Rinollo, S. Puca, E. Campione, J. Kanak, G. Koshinchanov, G. Kozinarova, P. Krahe, E. Labo, B. Lapeta, L. Okon, A. Oztopal, P. Pagliara, F. Porcu, C. Rachimow, E. Roulin, I. Sonmez, A. Tonazzzo, L. Torrisi, G. Vulpiani “A common validation protocol across different countries for the H-SAF precipitation products: ground data quality evaluation and unification of satellite-ground data comparison procedures”, poster at the 13th Plinius Conference on Mediterranean storms , February 2012, Savona, Italy

D. Dimitrov, Sn. Balabanova, G. Koshinchanov "Merged satellite information and ground measurements of the precipitation for hydrological modeling", presentation at EUMETSAT conference, September 2012, Sopot, Poland

Sn. Balabanova, G. Koshinchanov "Hydrologic modeling practices in Bulgaria" presentation at workshop "Visualizing Implications of Climate Change on Military Activities and Relationships" organized by Crisis Management and Disaster Response Centre of Excellence, 11-12 December 2013, Sofia

Eram Artinyan, Kamelia Krumova, Snezhana Balabanova, Georgy Koshinchanov, Nikolai Nedkov "Basic principles for building a warning system for floods in Arda river basin - workshop "Visualizing Implications of Climate Change on Military Activities and Relationships" organized by Crisis Management and Disaster Response Centre of Excellence, 11-12 December 2013, Sofia

E. Artinyan, B. Vincendon, S. Balabanova, P. Tsarev, G. Koshinchanov "Automated flood forecasting system for a Bulgarian-Greek Mediterranean basin based on SURFEX-TOPMODEL platform", Poster at 8th HyMex workshop, Valletta, Malta, 15-18 September 2014/ , Book of Abstracts, p.134

G. Koshinchanov, Sn. Balabanova, E. Artinyan "Validation activities on some of the elements of hydrological cycle in the framework of HSAF project" Presentation at INHGA - Scientific Conference, Romania, Bucharest, 10-11.November 2014, ISBN 978-973-0-18825-7

Sn. Balabanova, G. Koshinchanov "Danube tributaries modelling and forecasting to improve data-inputs for Danube model", presentation at stakeholder meeting for the Danube Project, May 2015, Pleven, Bulgaria.

Публикации в международни и български списания

G. Koshinchanov, D. Dimitrov "Precipitation intensity probability distribution modeling for hydrological and construction design purposes", 2008 IOP Conf. Ser.: Earth Environ. Sci. 4 012009 doi: 10.1088/1755-1307/4/1/012009

Roelevink A., Udo J., Koshinchanov G., Balabanova Sn., "Flood forecasting system for the Maritsa and Tundzha Rivers", Scientific journal of the technical university of civil engineering - Mathematical Modelling in Civil Engineering, No. 4 - December - 2010, Bucharest

Г. Кошинчанов, "КАЛИБРИРАНЕ НА ВОДНИ НИВА И ВОДНИ КОЛИЧЕСТВА ИЗПОЛЗВАЙКИ НД МОДУЛА НА МОДЕЛА MIKE11 (ПО ПРИМЕРА НА РЕКА МАРИЦА)", Годишник на СУ "Св. Климент Охридски", Геолого-Географски факултет, книга 2 - География, том 103, София 2012, Университетско издателство "Св. Климент Охридски"

S. Puca, F. Porcù, A. Rinollo, G. Vulpiani, P. Baguis, S. Balabanova, E. Campione, A. Ertürk, S. Gabellani, R. Iwański, M. Jurašek, J. Kaňák, J. Kerényi, G. Koshinchanov, G. Kozinarova, P. Krahe, B. Łapeta, E. Lábó, L. Milani, L. Okon, A. Öztopal, P. Pagliara, F. Pignone C. Rachimow, N. Rebora, E. Roulin, İ. Sönmez, A. Tonazzzo, D. Biron, D. Casella, E. Cattani, S. Dietrich, S. Laviola, V. Levizzani, D. Melfi, A. Mugnai, G. Panegrossi, M. Petracca, P. Sanò, F. Zauli, P. Rosci, L. De Leonibus, E. Agosta, F. Gattari "The validation service of the hydrological SAF geostationary and polar satellite precipitation products.", Natural Hazards and Earth System Sciences 14.4 (2014): 871-889.

G. Koshinchanov, Sn. Balabanova, E. Artinyan "Validation activities on some of the elements of hydrological cycle in the framework of HSAF project" INHGA - Scientific Conference, Romania, Bucharest, 10-11.November 2014, ISBN 978-973-0-18825-7

Георги Кошинчанов, Снежанка Балабанова, Михал Веверка "Хидравлично моделиране на висока вълна с различна обезпеченост по р. Марица в участъка между Пловдив и Първомай с MIKE11", списание БУЛАКВА, бр. 3/2015, стр. 82-89, ISSN 1312-3912

Artinyan, E., Vincendon, B., Kroumova, K., Nedkov, N., Tsarev, P., Balabanova, S., & Koshinchanov, G. (2016). Flood forecasting and alert system for Arda River basin. Journal of Hydrology, 541, 457-470.

Хидрологически доклади към проекти:

Балабанова Сн., Кошинчанов Г., Димитров Д., Василев В., Моделиране на високите води на р . Искър и нейните притоци в ограничен участък района на гр. Нови Искър включващ наводненията 06-08 Юни 2005 г и 06 Август 2005 г, Разработване на методика, техническо задание, правила за метаданни и пилотни приложения за ранна диагностика и намаление на последиците от преувлаожняване на почвите, пробиви на диги и наводнения, чрез сканиращи и малогабаритни СВЧ и инфрачервени радиометри и спектрометри, включително земни, договор с ДАИТС изпълнител е Агенция за Устойчиво Развитие и Евроинтеграция, 2007 Разработени са симулационни модели и карти на наводнение по р. Искър

Забелязани цитати:

Статия: **Balabanova Sn., Koshinchanov G., Dimitrov D.**, "GIS tools and hydraulic modeling usage in flood simulation via DHI MIKE 11 platform (on the example of Novi Iskar Area)", 5th World Water Forum, 19-20 June 2008 held by State Hydraulic Works, Edirne, Turkey, pp. 143-152

1. Gardeva, A., Gocheva, A., Malcheva, Kr. "Heavy snowfalls in thracian lowland and corresponding hydrological assessment", 15th International Multidisciplinary Scientific Geoconference SGEM 2015, June 2015, Albena, Bulgaria, Conference Proceedings, Volume 1, pp339-346; ISSN 1314-2704; ISBN: 978-619-7105-36; DOI: 10.5593/SGEM2015/B31/S12.044
2. Gardeva, A., Galabova, I., Filipov, N. "Hydrological Analyses of flood events in Bulgaria in 2014" 15th International Multidisciplinary Scientific Geoconference SGEM 2015, June 2015, Albena, Bulgaria, Conference Proceedings, Volume 1, pp363-370; ISSN 1314-2704; ISBN: 978-619-7105-36

Статия: **Koshinchanov G., Balabanova S.**, "Simulation and forecasting of the peak discharges using the NAM module of MIKE 11 platform", Presentation at Fourth Austrian-Bulgarian seminar, October 2009, Sofia, Bulgaria

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Статия: **Roelevink A., Udo J., Koshinchanov G., Balabanova Sn.**, "Flood forecasting system for the Maritsa and Tundzha Rivers", Scientific journal of the technical university of civil engineering - Mathematical Modelling in Civil Engineering, No. 4 - December - 2010, Bucharest

1. Wagemaker, J. B., M. Miltenburg, and M. Hartman. "Gotong Royong in the Digital Age: Data and knowledge sharing for flood management in Jakarta." (2011).
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4. Georgieva, N., Yaneva, Zv. "Chemical Analysis and Evaluation of Fe and Ni Spatio-temporal Variations along Tundzha River Southeastern Downstream, Bulgaria."
5. Madsen, H., D. Lawrence, M. Lang, M. Martinkova, and T. R. Kjeldsen. "A review of applied methods in Europe for flood-frequency analysis in a changing environment." (2013).

6. Gardeva, A., Gocheva, A., Malcheva, Kr. "Heavy snowfalls in thracian lowland and corresponding hydrological assessment", 15th International Multidisciplinary Scientific Geoconference SGEM 2015, June 2015, Albena, Bulgaria, Conference Proceedings, Volume 1, pp339-346; ISSN 1314-2704; ISBN: 978-619-7105-36; DOI: 10.5593/SGEM2015/B31/S12.044
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Статия: *S. Puca, F. Porcù, A. Rinollo, G. Vulpiani, P. Baguis, S. Balabanova, E. Campione, A. Ertürk, S. Gabellani, R. Iwański, M. Jurašek, J. Kaňák, J. Kerényi, G. Koshinchanov, G. Kozinarova, P. Krahe, B. Łapeta, E. Lábó, L. Milani, L. Okon, A. Öztopal, P. Pagliara, F. Pignone C. Rachimow, N. Rebora, E. Roulin, İ. Sönmez, A. Tonazzzo, D. Biron, D. Casella, E. Cattani, S. Dietrich, S. Laviola, V. Levizzani, D. Melfi, A. Mugnai, G. Panegrossi, M. Petracca, P. Sanò, F. Zauli, P. Rosci, L. De Leonibus, E. Agosta, F. Gattari "The validation service of the hydrological SAF geostationary and polar satellite precipitation products.", Natural Hazards and Earth System Sciences 14.4 (2014): 871-889.*

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2. da Silva Bertoncini, A. L., de Oliveira, F. H., Chaffe, P. L. B., & Valdati, J. *Revista Brasileira de Geografia Física*.
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