

Papers:

- **Didovets I.**, Lobanova A., Krysanova V., Menz C., Babagalieva Z., Nurbatsina A., Gavrilenko N., Khamidov V., Umirbekov A., Qodirov S., Muhyeyew D., Hattermann F. Central Asian rivers under climate change: impacts assessment in eight representative catchments. *Journal of hydrology: Regional studies*. **2021**, <https://doi.org/10.1016/j.ejrh.2021.100779>
- Lobanova A., **Didovets I.**, Menz C., Umirbekov A., Babagalieva Z., Hattermann F., and Krysanova V. Rapid assessment of climate risks for irrigated agriculture in two pilot regions in the Aral Sea Basin *Agricultural Water Management*. **2021** <https://doi.org/10.1016/j.agwat.2020.106381>
- **Didovets I.**, Krysanova V., Hattermann F.F, Rivas R. Snizhko S. Müller Schmieid H. Climate change impact on water availability of main river basins in Ukraine. *Journal of Hydrology: Regional Studies*. **2020** <https://doi.org/10.1016/j.ejrh.2020.100761>)
- Krysanova V., Zaherpour J., **Didovets I.**, Gosling S., Gerten D., Hanasaki N., Schmieid H., Pokhrel Y., Satoh Y., Tang Q., Wada Y. Wada How evaluation of global hydrological models can help to obtain more credible projections of river discharge under climate change. *Climatic Change* (**2020**). <https://doi.org/10.1007/s10584-020-02840-0>
- Murken, L., Carlsburg, M., Chemura, A., **Didovets, I.**, Gleixner, S., Koch, H., Lehmann, J., Liersch, S., Lüttringhaus, S., Rivas-Lopez, M., Noleppa, S., Roehrig, F., Schauburger, B., Shukla, R., Tomalka, J., Yalaw, A. & Gornott, C., (**2020**). Climate risk analysis for identifying and weighing adaptation strategies in Ethiopia's agricultural sector. A report prepared by the Potsdam Institute for Climate Impact Research for the Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH on behalf of the German Federal Ministry for Economic Cooperation and Development, 150 pp. DOI: 10.2312/pik.2020.00
- **Didovets I.**, Krysanova V., Bürger G., Snizhko S., Balabukh V., Bronstert A. Climate change impact on regional floods in the Carpathian region *Journal of Hydrology: Regional Studies* 22, **2019**, doi.org/10.1016/j.ejrh.2019.01.002
- Lobanova, A., Liersch, S., Nunes, J.P., **Didovets, I.**, Stagl, J., Huang, S., Koch, H., Rivas López, M. del R., Maule, C.F., Hattermann, F., Krysanova, V. Hydrological impacts of moderate and high-end climate change across European river basins. **2018**. *Journal of Hydrology: Regional Studies* // 18, 15–30, 2018. doi:10.1016/j.ejrh.2018.05.003/
- **Didovets I.**, Lobanova A., Bronstert A., Snizhko S., Maule C. F. and Krysanova V. Assessment of Climate Change Impacts on Water Resources in Three Representative Ukrainian Catchments Using Eco-Hydrological Modelling. *Water* **2017**, 9(3), 204; doi:10.3390/w9030204

Reports

- Lobanova A., **Didovets I.**, Analysis of the water quality parameters in the Amudarya River. - Analytical Report CAREC Berlin, **2019** - cawater-info.net
- Lobanova A., **Didovets I.**, Menz C., Krysanova V., Hattermann F. Summary on climate change projections and hydrological impacts for small pilot areas in the Aral Sea basin (the Aspara and Isfara catchments and the Priaralye district) **2017**. Potsdam, Germany

Other publications

- S. Snizhko, O. Obodovskyi, O.G. Shevchenko, V.V. Grebin, **I.S. Didovets**, I.V. Kuprikov, O.O. Pochaievets. Regional assessment changes of the rivers runoff of Ukrainian Carpathians region

under climate changes. Ukr. geogr. z. 2020, N2:20-29 <https://doi.org/10.15407/ugz2020.02.020> (in Ukrainian)

- **Book chapter** River Runoff in Ukraine Under Climate Change Conditions ISBN-13: 978-620-2-67675-5-Edited by: Oleksandr Obodovskyi
- Nurbatsina A.A., **Didovets I.**, Lobanova A. Adaptation of hydrological model SWIM for forecasting plain rivers discharge of Kazakhstan during flood/snow melt flood periods. Hydrometeorology and Ecology., 2019. 44-58p
- Snizhko S. **Didovets I.** Prognosis of Water Resource and Water Supply of the Ukraine. Novel Methods and Results of Landscape Research in Europe, Central Asia and Siberia (in five volumes). Vol. 2. Understanding and Monitoring Processes in Soils and Water Bodies, 2018. – 340-345 p (in Russian).
- Snizhko S., Kuprikov I., Shevchenko O., Pavelchuk E., **Didovets I.** Using of the Turc water balance model and numerical regional model REMO for assessment of local water resources in Ukraine in the XXI century. The Bryansk State University Herald -2014- 4 p. 183-191 (in Ukrainian)
- Snizhko S., Pavelchuk I., **Didovets I.** Investigation of water flow time trend changes and assessment of their relevance by Mann-Kendall trend test. Hydrology, hydrochemistry, hydroecology. 2014.- 2 (33), p.8 – 16 (in Ukrainian)
- Сніжко С.І., Павельчук Є.М., **Дідовець Ю.С.** Уточнення норм та характерних періодів зміни середнього річного стоку річок Житомирської області. Український гідрометеорологічний журнал: Науковий журнал - Одеса: Вид-во ПП "ТЕС", 2014. - №14 – С. 185-193.
- **Дідовець Ю.С.**, Павельчук Є.М., Сніжко С.І. Фізична географія та геоморфологія. Науковий збірник, випуск 4(76), 2014.- С.58-67.