

CURRICULUM VITAE

Zakhar Rozlach

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Google Scholar:
<https://scholar.google.com/citations?user=rYS7C7kAAAAJ&hl=ru>

Education

Taras Shevchenko National University of Kyiv, 1998-2003,
“Hydrology and Hydrochemistry”, master’s degree.
KB No.22443411.

Taras Shevchenko National University of Kyiv, 2011-2013,
“Geodesy, Cartography and Land Management”, bachelor’s
degree. KB No.45291934.

Degree

Ph.D. Geographical Sciences, 11.00.07 – Terrestrial
hydrology, water resources, hydrochemistry.

26.02.2009; Taras Shevchenko National University of Kyiv.
No.053052.

Professional work experience (for the last 10 years)

July 2024 – present: Senior researcher, Institute of Water
Problems and Land Reclamation NAAS.

2014 – present: Executive Director, Co-founder. NGO “Union
of the Environmentalists ‘Mare Liberum’”.

2013 – 2015: Head of Scientific Research Laboratory of
Hydrology and Hydrochemistry, Taras Shevchenko National
University of Kyiv.

	2011 – 2014: Assistant Professor, Taras Shevchenko National University of Kyiv.
Main research activity	
Participation in collective research projects <i>(no more than 5 positions in the last 10 years)</i>	2014-2015; Expert on river channel processes, international project FLUMEN “Fluvial processes and sediment dynamics of slope channel systems: Impact of socio economic and climate change on river system characteristics and related services” (Vistula River). Kazimierz Wielki University, Poland. 2013-2014; Hydrometry and geodesy expert, international project RODOS “Development and application of decision support system on nuclear accident” (Southern Bug River, 2013; Horyn River, 2014). Ukrainian Center of Environmental and Water Projects, Ukraine.
Main scientific achievements	
Published scientific works <i>(no more than 10 positions in the last 10 years)</i>	Obodovskyi O., Habel M., Szatten D., Rozlach Z., Babinski Z., Maerker M (2020). Assessment of the Dnieper alluvial riverbed stability affected by intervention discharge downstream of Kaniv Dam. Water (Switzerland). Vol. 12, Is.4. DOI: 10.3390/W12041104 http://www.scopus.com/inward/record.url?eid=2-s2.0-85084445318&partnerID=MN8TOARS Rozlach Z. (2015). Data-driven Modelling in the River Channel Evolution Research: Review of Artificial Neural Networks Applications. International Environmental Application & Science, Vol. 10 (4): 384-398. Obodovskyi O., Rozlach Z., Konovalenko O., Schweitzer F., Izhak T., Radvanszky B., (2015). Urgent issues in flood protection of Upper and Middle Tisza (within the territory of Ukraine and Hungary). /In Ukrainian with English abstract/. Hydrology, Hydrochemistry and Hydroecology, Vol. 2 (37), 8-23. Pochaevets O., Rozlach Z., (2014). Floods in the Stryi Basin Rivers and its impact on riverbed morphology. / In Ukrainian with English abstract/. Agricultural Science, Water Reclamation and Water Management, Issue 101, 261-274. Obodovskyi O., Onischuk V., Rozlach Z. et. al. Latorica: hydrology, hydro-morphology and river bed processes. Monograph (ed. by O. Obodovskyi). “Kyiv University”. 2012. ISBN 978-966-439-542-4.

Presentation of scientific results	
Reports at scientific conferences (seminars, symposia, etc.) <i>(no more than 10 positions in the last 10 years)</i>	Habel M., Obodovskiy O., Szatten D., Babinski Z., Rozlach Z., Pochaievets O. (2019). Using the raster calculator tool to appraise riverbed elevation changes nearby hydrotechnical objects on alluvial rivers. 13th International Scientific Conference on Monitoring of Geological Processes and Ecological Condition of the Environment. Kyiv. http://www.scopus.com/inward/record.url?eid=2-s2.0-85089566904&partnerID=MN8TOARS Obodovskiy O., Rozlach Z., Konovalenko O., Yaroshevich O., (2014). Hydromorphological changes in the Botar River Basin under human impact. S4C (Science for the Carpathians). Forum Carpathicum 2014: Local Responses to Global Challenges. Conference Abstracts. Sep. 16-18, 2014, Lviv, Ukraine, 34-35. Obodovskiy O., Rozlach Z., Onyschuk V., Konovalenko O., Danko K., (2014). Assessment of Desna river channel processes within the territory of Ukraine /In Ukrainian/. II International research and application conference dedicated to the World Water Day: Conf. abstract. March 21, 2014, Kyiv, Ukraine, 3-5. Obodovskiy O., Onyschuk V., Rozlach Z., (2014). Spatial-time sediment discharge dynamics of rivers in Ukraine, in a framework of comprehensive river channel analysis /in Ukrainian/. Challenges in Hydrology, Hydrochemistry and Hydroecology: Abstracts of 6th Int. conference, May 20-22, 2014, Dnepropetrovsk, Ukraine, 219-221.
Teaching activity	
The main author's educational courses at Higher Education Institutions (developed on the basis of own research)	Taras Shevchenko National University of Kyiv, Geography Department, (I-II levels): - "Erosion and River Channel Processes"; - "Hydrology"; - "International Cooperation in the Field of Water Resources".
Honors and awards	
Awards or honors for scientific achievements (from institutions, departments, authorities and local self-government bodies, etc.)	Scholarship of the Cabinet of Ministers of Ukraine for young scientists, 2014.

<i>(no more than 5 positions in the last 10 years)</i>	
Improvement of scientific qualification	
Additional professional schools (trainings, summer schools, educational seminars, master classes, courses, etc., to acquire relevant scientific knowledge, skills and abilities) <i>(no more than 5 positions in the last 10 years)</i>	State Ecological Academy of Postgraduate Education and Management, Ukraine (12/2013): Certificate - European Union Policy and Legislation on Environmental Matters - Water Quality and Resource Management (including marine environment).
Scientific internships abroad (lasting more than 2 months, in higher education institutions or research institutions, except correspondence and with the exception of CIS countries) <i>(no more than 5 positions in the last 10 years)</i>	United States Mission to UNESCO grant – International Hydrological Program “Water Security: Responding to Local, Region, and Global Challenges”, 2015. National grant in Ecology and Environmental Management field. Scientific training in Technical University of Munich, 2013.
Membership in independent scientific organizations (non-institutional professional academic associations, societies, unions, unions of researchers, except trade unions) <i>(no more than 5 positions in the last 10 years)</i>	NGO “Union of the Environmentalists ‘Mare Liberum’”, Ukraine.
Foreign languages skills*	English (fluent), Japanese (Intermediate).