Dr. Rovshan Abbasov

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Dr. Rovshan Abbasov received a doctorate degree in Environmental Sciences in 2003. In the last 20 years, he has been a consultant and researcher in numerous scientific and development projects. In 2005-2006, Rovshan Abbasov received a Junior Faculty Development Program fellowship and became a visiting professor at Michigan State University. In 2010-2012, Rovshan Abbasov was a Fulbright scholar at the University of California, Davis.

Rovshan Abbasov mainly specializes in environmental and water resources management. Ecosystem assessments, downstream-upstream linkages, ecosystem trends and environmental pollution have been his main areas of focus.

Working as a consultant at UNDP, Rovshan Abbasov was more involved in community-based ecosystem management, focusing on areas such as hazard management, climate change adaptation, ecosystem values, and climate change.

In the UNICEF organization, he was a consultant both in Azerbaijan and in Central Asia and mostly dealt with the issues of climate change mainstreaming in education, curriculum development, child-based disaster risk management. He an author of the report named "Climate, Landscape analysis for Children".

In GIZ, Rovshan Abbasov took part in forest and land management projects. He has participated in many GIZ projects, such as ecosystem payments, integrated land management, participatory land management.

In recent years, Rovshan Abbasov has been closely cooperating with the Ministry of Ecology and Natural Resources of the Republic of Azerbaijan and the State Tourism Agency. He directly participated in the writing of the nomination dossiers of Sheki reserve, Khinalig reserve, Hirkan biosphere reserve. He was the main author and administrator in the preparation of the nomination file of Zagatala biosphere reserve.

In 2019-2023, Rovshan Abbasov was CLA in the "Azerbaijan National Ecosystem Assessments" project implemented by UNEP WCMC and participated in the assessment of forest, mountain and freshwater ecosystems.

Since 2018, Rovshan Abbasov is an MEP member of IPBES and participates in the internal audit of various global assessments. He is also a member of the steering committee of the IPBES scenarios and models task force.

Since 2007, Rovshan Abbasov has been the Director of the Environmental Research Center of Khazar University.

Publications

- 1. Lundquist, C. J., Hashimoto, S., Pereira, L., Kim, H., Miller, B. W., Pereira, H. M., Abbssov R.K, ... & Schoolenberg, M. (2023). The Nature Futures Framework, a flexible tool to support the development of scenarios and models of desirable futures for people, nature and Mother Earth, and its methodological guidance.
- 2. Durán, A. P., Kuiper, J. J., Aguiar, A. P. D., Cheung, W. W., Diaw, M. C., Halouani, G., ... & Pereira, L. M. (2023). Bringing the Nature Futures Framework to life: creating a set of illustrative narratives of nature futures. Sustainability Science, 1-20
- 3. Abbasov, R., Karimov, R., & Jafarova, N. (2022). The Caspian Sea and Its Values in Azerbaijan. In *Ecosystem Services in Azerbaijan* (pp. 1-28). Springer, Cham.
- 4. Abbasov, R., Karimov, R., & Jafarova, N. (2022). Mountain Ecosystem Values. In *Ecosystem Services in Azerbaijan* (pp. 29-69). Springer, Cham.
- 5. Abbasov, R., Karimov, R., & Jafarova, N. (2022). The Caspian Sea and Its Values in Azerbaijan. In *Ecosystem Services in Azerbaijan* (pp. 1-28). Springer, Cham.
- 6. Abbasov, R., Karimov, R., & Jafarova, N. (2022). *Ecosystem Services in Azerbaijan: Value and Losses*. Springer Nature.
- 7. Abbasov, R., Karimov, R., & Jafarova, N. (2022). Environmental Migration and Cultural Losses. In *Ecosystem Services in Azerbaijan* (pp. 123-179). Springer, Cham.

- 8. de Blois, C. L. C., Tasch, J., & Abbasov, R. (2022). Azerbaijan's Social Inequality and Vulnerability to Environmental Hazards. *Caucasus Survey*, 10(1), 43-75.
- 9. Abbasov, R., Karimov, R., & Jafarova, N. (2022). Ecosystem and Socioeconomic Values of Clean Water. In *Ecosystem Services in Azerbaijan* (pp. 71-121). Springer, Cham.
- 10. Abbasov, R.K., de Blois, C.L.C. Nature-based management scenarios for the Khojasan Lake. Sustain. Water Resour. Manag. 7, 86 (2021). https://doi.org/10.1007/s40899-021-00569-x
- 11. Scandizzo, P. L., & Abbasov, R. (2022). Do People Appreciate Economic Value of Water in Baku City of Azerbaijan?. In Blue-Green Infrastructure Across Asian Countries: Improving Urban Resilience and Sustainability (pp. 193-220). Singapore: Springer Singapore.
- 12. Scandizzo, P. L., & Abbasov, R. (2022). Public Interests and Private Incentives in Designing an Ecological Payment Systems. In Forest Dynamics and Conservation: Science, Innovations and Policies (pp. 439-467). Singapore: Springer Nature Singapore.
- 13. Abbasov, R., Cervantes de Blois, C.L., Sharov, P. et al. Toxic Site Identification Program in Azerbaijan. Environmental Management 64, 794–808 (2019). https://doi.org/10.1007/s00267-019-01215-1
- 14. Sharov, P., Abbasov, R. & Temnikova, A. Remediation of soil contaminated with persistent organic pollutants in Sumgait, Azerbaijan. Environ Monit Assess 191, 464 (2019). https://doi.org/10.1007/s10661-019-7560-7
- 15. Rovshan Abbasov, Alena Temnikova, Petr Sharov, Julia Sinitsky 2018 Toxic Site Identification Program in Azerbaijan UNIDO report. https://www.pureearth.org/wp-content/uploads/2018/12/Azerbaijan-TSIP-Report-UNIDO.pdf
- 16. Abbasov R. 2018 Community based Disaster Risk Management. Springer Publications. http://www.springer.com/gp/book/9783319696522
- 17. Abbasov R. Socio-Economic Problems of Flood management in Azerbaijan 2016 UNDER REVIEW: Submitted to ICE Water Management Journal
- 18. Scandizzo P., Abbasov R. 2016 The Value of Water in the Greater Baku Area, Azerbaijan: An Integrated Water Management Study https://www.amazon.com/Value-Water-Greater-Baku-Azerbaijan/dp/3659610046
- 19. TEEB scoping study for forestry sector of Azerbaijan. WWF study. Available at http://www.enpi-fleg.org/docs/teeb-scoping-study-for-forestry-sector-of-azerbaijan/
- 20. Ercan Ali, Abbasov R.K. (2013) Long-Range Dependence and Sea Level Forecasting. DOI 10.1007/978-3-319-01505-7 Springer International Publishing http://www.buchhandel.de/detailansicht.aspx?isbn=9783319015040
- 21. Abbasov R.K, Smakhtin V.U. (2011) Indexing Environmental Vulnerability of Mountain Streams of Azerbaijan. Mountain Research and Development 32(1):73-82. 2012 doi: http://dx.doi.org/10.1659/MRD-JOURNAL-D-11-00012. http://www.bioone.org/doi/full/10.1659/MRD-JOURNAL-D-11-00012.1
- Abbasov Rovshan Assessment of Ecological Flow for Mountain Rivers of the Kura Basin (2011) Survival and Sustainability Environmental Earth Sciences 2011 Part 8, 1369-1379 DOI: 10.1007/978-3-540-95991-5 129 http://www.springerlink.com/content/n17401242364661g/
- 23. Abbasov R.K. & Smakhtin V.U. (2009) Introducing environmental treshholdls into water withdrawal management of mountain streams in the Kura basin, Azerbaijan. Hydrological Sciences Journal, 54:6 1068 1078 DOI: 10.1623/hysj.54.6.1068

 http://www.tandfonline.com/doi/abs/10.1623/hysj.54.6.1068
- 24. Abbasov R.K. & Mahmudov R.N. (2009) Analysis of non climatic origins of floods in the downstream part of the Kura river, Azerbaijan. Natural Hazards 2009, 50, 235-248 DOI 10.1007/s11069-008-9335-2
 - http://www.springerlink.com/content/a6646l88836q5778/
- 25. Abbasov R.K. (2007) Assessment of the environmental flow for the mountain rivers of the Kura basin. Conference paper, American Institute of Hydrology, Reno, Nevada, USA
- 26. Abbasov R.K. & Kondratyev A.N. (2006) Morphological origins of floods (case study on the Kura River). Trans Geomorphol Comm Russ Acad Sci 2006, 29, 245-253 (in Russian)
- 27. Mahmudov R.N., Abbasov R.K., Fanelli R.M. (2007) Analyses of natural and human made factors contributing to flooding in the mouth part of the Kura. Conference paper Proceedings of the

- international symposium "Natural Cataclysms and global problems of the modern civilization". Baku-Innsbrusk, 2007. pp.-347-353
- 28. Mamedov M.A., Abbasov R.K. Hydroecological safety of the trans-boundary rivers of Azerbaijan. The Proceedings of the International Conference "Ecological security of Southern Caucasus". Tbilisi, 2004, p.27-33