Resume

1- Personal details

- Name and Last name: **Pouya Allahverdipour**
- Academic degree: Ph.D. Candidate in Water Science and Engineering - Water Resources
- Latest degree: Master of Science in Water Science and Engineering - Water Resources
- Year and university of obtaining the latest degree: 2023, University of Tabriz
- Birth: 1996, Ardabil, Iran
- Sex: Male

2- Contact, Websites, and Online Profiles

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- Google Scholar: Pouya Allahverdipour , (h-index: 3)
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- Scopus Author ID: 59314497900

3- Education

- **Bachelor**: Water Science and Engineering, **University of Mohaghegh Ardabili**, Ardabil, Iran, 2021
- **Master of Science**: Water Science and Engineering - Water Resources, **University of Tabriz**, Tabriz, Iran, 2023
- **Ph.D. student** in Water Science and Engineering - Water Resources, **University of Tabriz**, Tabriz, Iran, since 2023-present.

4- Peer review

1- Journal of Hydrology: Regional Studies | by Elsevier (Q1)
2- Agriculture, Ecosystems & Environment | by Elsevier (Q1)
3- Journal of Environmental Chemical Engineering | by Elsevier (Q1)
4- Journal of Water and Climate Change | IWA Publishing (Q2)
5- Hydrology Research | IWA Publishing (Q2)

6- Atmosphere (Q3)

7- 3rd International Conference and 4th National Conference on Agriculture, Environment, and Food Security, Jiroft University, Kerman, Iran, 2025.

5- Publications

1. **Allahverdipour, P**., and Sattari, M. T. (2023). Comparing the performance of the multiple linear regression classic method and modern data mining methods in annual rainfall modeling (Case study: Ahvaz city). *Water and Soil Management and Modelling*, 3(2), 125-142. https://doi.org/10.22098/mmws.2022.11337.1120 \
2. Mousavi, S.N., Ebrahim Zadeh, A., **Allahverdipour, P.**, and Ghorbani, M.A. (2023). Fluctuating Hydrodynamic Pressures of Submerged Hydraulic Jumps Stilling Basins. *Iranian Water Researches Journal*, 17(3), 75-91. https://doi.org/10.22034/iwrj.2023.14312.2510
3. Sattari, M.T., and **Allahverdipour, P**. (2024). Application of Tree-Based Intelligence Methods for Wind Speed Estimation at the East of Lake Urmia. In: Kahraman, C., Cevik Onar, S., Cebi, S., Oztaysi, B., Tolga, A.C., Ucal Sari, I. (eds) Intelligent and Fuzzy Systems. *INFUS 2024. Lecture Notes in Networks and Systems*, vol 1090. Springer, Cham. https://doi.org/10.1007/978-3-031-67192-0_20
4. **Allahverdipour, P**., and Sattari, M.T. (2024). Investigating the Maximum Wind Speed and Wind Direction of Synoptic Stations in the East of Lake Urmia. *Journal of Geography and Environmental Hazards*, 13(4), 197-221. https://doi.org/10.22067/geoeh.2024.86654.1464
5. Sattari, M. T. , Bagheri, R. , Shirini, K., and **Allahverdipour, P.** (2024). Modeling Daily and Monthly Rainfall in Tabriz using Ensemble Learning Models and Decision Tree Regression. *Climate Change Research*, 5(18), 31-48. https://doi.org/10.30488/ccr.2024.433394.1192
6. Mohammadi, M., and **Allahverdipour, P**. (2024). Uncertainty analysis of artificial neural network (ANN) and support vector machine (SVM) models in predicting monthly river flow (Case study: Ghezelozan River). *Water and Soil Management and Modelling*, 4(2), 311-326. https://doi.org/10.22098/mmws.2023.12702.1267

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7. **Allahverdipour, P.**, Ghorbani, M.A., and Asadi, E. (2024). Evaluating the effects of climate change on the climatic classification in Iran. *Water and Soil Management and Modelling*, 4(3), 95-112. https://doi.org/10.22098/mmws.2023.12755.1271
8. **Allahverdipour, P.,** and Dinpashoh, Y. (2025). Modeling the rainfall-runoff of Ajichai Basin using intelligent models. *Watershed Engineering and Management*, 17(1), 14-28. https://doi.org/10.22092/ijwmse.2024.365227.2052
9. Dinpashoh, Y., and **Allahverdipour, P.** (2025). Monitoring and Predicting Changes in Reference Evapotranspiration in the Moghan Plain According to CMIP6 of IPCC. *Environment and Water Engineering*, 11(1), 47-56. https://doi.org/10.22034/ewe.2024.466037.1947
10. Asadi, E. Ghorbani, M.A. Pouyamehr, T., and **Allahverdipour, P**. (2025). Investigating the effect of global warming on the temperature changes in Iran. *Environment and Interdisciplinary Development*, 10(88). https://www.envjournal.ir/article_219505.html?lang=en
11. **Allahverdipour, P.,** and Dinpashoh, Y. (in press). Detection of climate change trends with spatio-temporal analysis of extreme precipitation indices (Case study: Ardabil Province). *Journal of Agricultural Meteorology*. https://www.agrimet.ir/article_216389.html?lang=en
12. **Allahverdipour, P**., and Sattari, M.T. (in press). Application of the CMIP6 Approach for Determination of Climate Change Effects on Inflow to Sattarkhan Reservoir, Ahar, using the IHACRES model. *Journal of Hydraulics and Water Science*. https://hws.tabrizu.ac.ir/?lang=en
13. **Allahverdipour, P.** , Ghorbani, M.A., and Asadi, E. (2023). Evaluation of temperature trend in Iran. *3rd National Conference on Strategies of Water Resources Management and Environmental Challenges*, Sari Agricultural Sciences and Natural Resources University, Iran. https://en.civilica.com/doc/1810409/
14. **Allahverdipour, P.,** and Dinpashoh, Y. (2024). Spatio-temporal analysis of maximum 1-day precipitation and maximum 5-day precipitation in Ardabil province. *13th International Conference of Iranian Rainwater Catchment Systems*, Gorgan University of Agricultural Sciences & Natural Resources, Iran. https://en.civilica.com/doc/2185392/
15. **Allahverdipour, P.,** and Dinpashoh, Y. (2024). Predicting the Probable Maximum Precipitation (PMP) of the Moghan Plain. *23th Iranian Hydraulic Conference* , Razi University, Kermanshah, Iran. https://en.civilica.com/doc/2316506/

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16. **Allahverdipour, P.,** and Dinpashoh, Y. (2024). Application of Graphical Mann-Kendall test to evaluate the changes of reference crop evapotranspiration in Moghan Plain. *1st International congress of Nature-based ecological restoration (Emphasizing the conservation of Bactrian camels)*, University of Mohaghegh Ardabili, Ardabil, Iran. https://en.civilica.com/doc/2189569/
17. **Allahverdipour, P.,** and Dinpashoh, Y. (2024). Analysis of changes in the Consecutive Wet Days (CWD) extreme index in Ardabil province. *The Second Conference on Geography and Environmental Sustainability, Water Resources, Water Issues and its Prospect in Iran*, Razi University, Kermanshah, Iran. https://en.civilica.com/doc/2160211/
18. **Allahverdipour, P.,** and Dinpashoh, Y. (2025). Drought Assessment in Ajichai Basin, East Azerbaijan Province. *3rd International Conference and 4th National Conference on Agriculture, Environment, and Food Security*, Jiroft University, Kerman, Iran.
19. **Allahverdipour, P.,** and Fakheri Fard, A. (2025). Application of Copula Functions in Risk Analysis of Rainfed Wheat Yield (Case Study: Ahar Plain). *3rd International Conference and 4th National Conference on Agriculture, Environment, and Food Security*, Jiroft University, Kerman, Iran.
20. **Allahverdipour, P**., (2025). Analysis of the Severity and Duration of Meteorological Drought in Mogan Plain, Ardabil Province. *3rd International Conference and 4th National Conference on Agriculture, Environment, and Food Security*, Jiroft University, Kerman, Iran.