

CURRICULUM VITAE (CV)

Stylios K. Voudouris



PERSONAL INFORMATION

- **Place of birth:** Korinthos, Greece
- **Place of Residence:** Rueil Malmaison, Paris, France
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STUDIES

- **Undergraduate studies**

Bachelor's degree- Integrated Master in Department of Forestry and Management of the Environment and Natural Resources, Democritus University of Thrace, Greece.

- **Postgraduate studies**

Master's in Water Resources, School of Rural and Surveying Engineering, Aristotle University of Thessaloniki, Greece. I attended successfully the following courses:

- *Probability Theory – Statistical Methods*
- *Advanced Topics in Numerical Analysis*
- *Water Resources Quality and Environmental Management*
- *Surface Water Resources*
- *Environmental Impact Assessment of Projects, Programmes and Works*
- *Water Resources Management*
- *Applications of Geoinformatics on Water Resources Management Issues*
- *Groundwater Resources*

MSc Thesis : *“Impacts of droughts in the water resources vulnerability of hydrological basins using the Standardized Drought Vulnerability Index (SDVI). Application in the Lake Karla watershed, Thessaly.”*

- **PhD Candidate in Hydrogeology (Jan 2024 – Present)**

University of Avignon (Hydrogeology Department, UMR 1114 EMMAH - Mediterranean Environment and Agrohydrosystems Modelling) & IFP Energies Nouvelles (Geosciences Division), Rueil-Malmaison, France.

"Holistic approach for a sustainable management of water resources in Mediterranean islands facing climate change and extreme climatic events. The Chios Island as a pilot case".

PUBLICATIONS

- 1) VOUDOURIS, S. (2022): *"Contribution to rational groundwater management in Korinthia Prefecture, South Greece"*. Book of Abstracts, e-Proceedings Youth Water Congress, 6-8 April 2022, ISBN 978-960-243-729-2. Published by UNESCO Centre on Integrated and Multidisciplinary Water Resources Management (CIMWRM), hosted by the Aristotle University of Thessaloniki (AUTH).
- 2) VOUDOURIS, K. and VOUDOURIS, S. (2022): *"Effects of the climate crisis on the water resources of Korinthia Prefecture and adaptation measures"*. Korinthian Yearbook, Katagrama Publications, Volume 1, 255-276 (in Greek).
- 3) VOUDOURIS, S., Hamon, Y., Deschamps, R., Chalikakis, K., Collard, N., Fournio, A., Lagardère, C., Dupont, J., Babic, M. (2024): *"How can geology help to better characterize and manage aquifers and water resources? An example in Chios Island"*. Presented at French congress of Sedimentology (ASF) in Lille, 26-29 November 2024, pp.
- 4) VOUDOURIS, S., Loukas, A., Sidiropoulos, P., Vasiliades, L. (2025): *"Assessing the Vulnerability of Water Resources to Drought by Applying the Standardized Drought Vulnerability Index to the Lake Karla Basin"*, in: The 8th International Electronic Conference on Water Sciences. Presented at the ECWS-8, MDPI, p. 15. <https://doi.org/10.3390/eesp2025032015>.
- 5) Mattas, C., VOUDOURIS, S., VOUDOURIS, K., Foti, S. (2025): *"Correction: Assessment of future groundwater level using modflow code under different managerial scenarios in the Serres river basin, Greece"*. Earth Science Informatics, (2025), 18, 3, (465), DOI: [10.1007/s12145-025-02018-1](https://doi.org/10.1007/s12145-025-02018-1)

RESEARCH

Projects

- ❖ 2022-2023: "*Simulation of groundwater flow in 5 aquifers of NE Greece using the MODFLOW code*". National Greek Project (2022-2024). Funding source: Ministry of Environment and Energy. Member of research team (Supervisor Professor K. Voudouris, Director of Lab. Engineering Geology and Hydrogeology).
- ❖ 2023-2024: "*Delineation of protection zones around the boreholes and springs of Municipality of Florina*". National Greek Project (2022-2024). Funding source: DELCO company. Member of research team (Supervisor Professor K. Voudouris, Director of Lab. of Engineering Geology and Hydrogeology).

Responsibilities and Activities:

Participated in hydrogeological fieldwork, including pumping tests, groundwater level monitoring (multilayer measurements), and collection of groundwater and springwater samples for physicochemical and isotopic analysis.

Performed groundwater flow simulations and statistical evaluation of hydrogeological data.

CONFERENCES-WORKSHOPS

- The 8th International Electronic Conference on Water Sciences, session Water Resources Management, Floods and Risk Mitigation ECWS-8, MDPI, 14–16 October 2024.
- European Water Resources Association (EWRA) "*Managing Water-Energy-Land-Food under Climatic, Environmental and Social Instability*", 27 June-1 July, 2023, Thessaloniki, Greece.
- "*Emerging water challenges since COVID-19*", Online Webinar 6-8 April 2022.
- 12th International Hydrogeological Conference of Greece and Cyprus, 20-22 March, Nicosia, Cyprus, 2022.
- *Water Climate Change and Water Resources: Evidence, Impacts, Adaptation*. MDPI Webinar, 7 October 2021.
- *From the Myths of Hercules to the reality of climate change*. Webinar, organized by IAHR and UNESCO Category II CIMWRM, 26-27 November 2020.
- *Geothermics and its contribution in the development of Greece*. Department of Geology, Aristotle University of Greece, 28 May 2016.

LANGUAGES

- ✓ **Greek** (native)
- ✓ **English:** Certificate of Competency in English (The University of Michigan)
- ✓ **German:** GOETHE ZERTIFIKAT B1

MEMBERSHIP OF PROFESSIONAL BODIES

- Geotechnical chamber of Greece (GEOTEE)
- Hellenic Hydrotechnical Association (EYE)

SOFTWARE USE

- **GIS:** ArcGIS, QGIS
- **Groundwater Modelling:** MODFLOW (GMS, ModelMuse)
- **Data Visualization & Analysis:** Python (Pandas, NumPy, Matplotlib)
- **Statistical Analysis:** SPSS (hydrological / hydrochemical data)
- **Hydrochemical and Pumping Test Analysis:** AquaChem, AquiferTest
- **Design:** AutoCAD
- **Office Applications:** Microsoft (Word, Excel, PowerPoint)