

Nikolaos J. Lambrakis  
Professor of Hydrogeology

### Short Curriculum Vitae

#### Affiliations:

University of Patras, Department of Geology  
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#### Education:

1972-1976 Degree in Natural Sciences, University of Thessaloniki  
1976-1978 Diploma of Advanced studies (D.E.A) in the water sciences (Sciences de l' eau) University of Bordeaux I, France.  
1983-1987 Ph.D. in Hydrogeology. National Technical University of Athens, Greece.

#### Academic Position

1982-1984 Scientific fellow of NTUA, Greece.  
1988-1992 Lecturer in Hydrogeology of the University of Patras, Greece.  
1993-2001 Assistant Professor in Hydrogeology of the University of Patras, Greece.  
2001-2006 Associate Professor in Hydrogeology of the University of Patras, Greece.  
2006- to date Professor in Hydrogeology of the University of Patras, Greece.

#### Teaching:

##### Modules taught at the undergraduate course (Dept. of Geology, University of Patras, Greece):

1. *Introduction to Hydrochemistry*, 1990-2004.
2. *Applied Hydrogeology*, 2004-date.
3. *Environmental Hydrogeology* 2004-date.
4. *Supervising of diploma dissertation* 1990-date.

##### Modules taught at the postgraduate course (Dept. of Geology Science, University of Patras, Greece):

5. *Specialized Hydrogeological and Geotechnical researches and mappings*.
6. *Protection of the aquifers from the pollution*.

##### Modules taught at the postgraduate course (Dept. of , University of Patras, Greece):

7. *Water chemistry* 1997-date.
8. *Environmental Geology* 1997-date.

#### Teaching Books

1. N. Lambrakis. « Introduction to Hydrochemistry ». University Press, University of Patras, 1990 to date.
2. N. Lambrakis, K. Nikolakopoulos, K. Katsanou. 2015. Hydrology using geographic information systems and remote sensing data. [elect. book] Athens: Association of Greek Academic Libraries. Available at: <http://hdl.handle.net/11419/2520>
3. N. Lambrakis. “ Introduction to Applied and Environmental Hydrogeology ”. University Press, University of Patras, 2015.
4. N.J. Lambrakis, 2019. “Applied and Environmental Hydrogeology Courses”. Liberal Books.

## Scientific Production and Impact

Published papers, more than 120 in Greek and International Scientific Journals and Congress with h-index 17 and more than 1000 Scopus citations.

### 1. Research projects (Indicative)

- Hydrogeological research of the wider area of the healing springs of Kyllini. Funding Authority, Municipality of Kyllini Castle. Completed in 2008. (Scientific Coordinator).
- Hydrogeological and radiological research as well as physico-chemical and microbiological analyses of the areas of Tryphos, Kremasta, Mourstianos, Helova, Stachtis and Myrtia. Funding Authority, Prefecture of Aitolokarnania, Completed in 2011. (Scientific Coordinator).
- Recording of the water resources of the Helmos-Vouraikos National Park. Funding Authority, Ministry of Environment and Waters. Priority Axis 9 "Protection of Natural Environment and Biodiversity" of "Environment and Sustainable Development 2007-2013". Completed in 2014 (Scientific Coordinator).
- Hydrochemical study of the wider area of the «CHITOS SA» water bottling company facilities. Funding Organization, «CHATOS SA» Completed in 2018. (Scientific Coordinator)

### 2. Selected Publications

- Lambrakis, N., Zagana, E., Katsanou, K. (2012) Geochemical patterns and origin of alkaline thermal waters in Central Greece (Platystomo and Smokovo areas). *Environmental Earth Sciences*, 1-12.
- D'Alessandro W., Katsanou K., Lambrakis N., Bellomo S., Brusca L., Liotta M. (2013) Chemical and isotopic characterization of rainwater in the Louros Basin (Epirus, Greece). *Journal of Atmospheric Research* vol. 132-133, 399-410.
- Katsanou K., Siavalas G. and Lambrakis N., (2013) Geochemical controls on fluoriferous groundwaters of the Pliocene and the more recent aquifers: The case of Aigion region, Greece” *Journal of Contaminant Hydrology* 155, 55-68
- Antonakos, A., Voudouris, K., Lambrakis, N., (2014) Site selection for drinking-water pumping boreholes using a fuzzy spatial decision support system in the Korinthia prefecture, SE Greece. *Hydrogeology Journal*, 22, (8), 1763-1776
- Katsanou, K., Maramathas, A. and Lambrakis, N., (2015) Simulation of Karst Springs Discharge in Case of Incomplete Time Series. *Water Resources Management* 29, (5) 1623-1633.
- Katsanou, K., Lambrakis, N., Tayfur, G., Baba, A. 2015. Describing the Karst Evolution by the Exploitation of Hydrologic Time-Series Data. *Water Resources Management*. Volume 29, Issue 9, pp 3131–3147
- Katsanou, K., Lambrakis, N., D'Alessandro, W., Siavalas, G. 2017. Chemical parameters as natural tracers in hydrogeology. A case study of Louros karst system. , *Hydrogeol J* (2017) 25:487–499 DOI 10.1007/s10040-016-1492-x
- Katsanou, K. Lambrakis, N. 2017. Modeling the Hellenic karst catchments with the Sacramento Soil Moisture Accounting model. *Hydrogeology Journal*., 25:757–769, DOI 10.1007/s10040-016-1520-
- Nevinskya, I., Tsvetkova, T., Dogrub, M., Aksoyc, E., Inceozc, M., Baykarad, O., Kulahcie, F., Melikadzef, G., Akkurtg, I., Kulalig, F., Vogianis, E., E.Pitikakis, E., Katsanou, K., Lambrakis, N. 2018. Results of the simultaneous measurements of radon around the Black Sea for seismological applications. *Journal of Environmental Radioactivity* 192 (2018) 48–66 doi.org/10.1016/j.jenvrad.2018.05.019
- Dimitriadou, S., Katsanou, K., Stavros Charalabopoulos, S., Nikolaos Lambrakis, N. 2018. Interpretation of the Factors Defining Groundwater Quality of the Site Subjected to the Wildfire of 2007 in Ilia Prefecture, South-Western Greece *Geosciences*. 8(4), 108; doi:10.3390/geosciences8040108