

CURRICULUM VITAE

- 1. Surname:** Kaklis
2. Name: Triantafyllos
3. Occupation: Geologist
4. Birth Date: 19/8/1973 Lamia, GR
7. Telephone: +302310998152
9. E-mail: kaklis@geo.auth.gr

Education:

Bachelor (1997), School of Geology A.U.TH.

MSc on Applied and Environmental Geology (2000), School of Geology A.U.TH.

PhD on Hydrogeology (2011), School of Geology A.U.TH.

Studies and Collaboration Abroad:

- **1996**, ERASMUS Program, Universidad de Granada (Spain) during from January to May at σ Facultad de Ciencias (Supervisor Prof. Antonio Pulido-Bosch)
- **2000**, Under the research Project GREM (Groundwater Research in Eastern Mediterranean) visited Wurzburg University (Germany) where I was trained in the use of simulation groundwater flow models under the Supervision of Prof. Peter Udluft.

Languages:

English, French, Spanish

Teaching experience:

- 1998 - today I teach in the Laboratory exercises of the courses "Hydrogeology", "Groundwater Exploitation and Management"
- During the period 2002 - 2014 and from 2018-today I participate in the teaching in the laboratory exercises of the Course "Engineering Geology"
 - Since 2014 I participate in the laboratory exercises of the Undergraduate Program of the courses "Geological Mapping",
 - In the period 2014-2020 I participated in the laboratory exercises of the courses "Geology of Greece", "Tectonic Geology" and "Geotectonic Evolution of the Greek Area"
 - I have been participating since 2002 in the training of students in rural exercises, based on the Curriculum of the Department in Geology, Hydrogeology, Technical Geology.
 - I have supervised the elaboration of 5 five Bachelor Theses in the field of Hydrogeology as well as students' theses for the course "Geological and environmental studies of technical projects"
- Member of the advisory and examination committee in 4 postgraduate dissertations specializing in Hydrogeology and Technical Geology
- Since 2011 I participate at "Applied and Environmental Geology" Post Graduate program, of the Department of Geology and specifically in the courses "Special issues of Hydrogeology" and "Management of Water Resources"

Working experience :

- 1998 -2002 Free Lance Geologist
- 2002-2014 Aristotle University Staff
- 2014-present Laboratory Teaching Staff in Aristotle University

Participation in a significant number of research projects during the period 1998 - 2021 where as a member of the research team I carried out field work (geological mapping, hydrogeological research, water flow measurements, water level measurements, pumping tests, groundwater sampling, engineering geological mapping, LIDAR use, analysis and data processing using special software (ArcMap, Simulation Models, RockWare etc.).

Publications:

1. Akrivos P., **Kaklis T.**, Mpanakas K., Athanasias S., Soulios G., (1996) «Chemical characteristics of the groundwater at the lowland area north of Farsala », Proc of the 2nd National Congress of Geotechnical Chamber of Greece
2. Soulios G, Themeliotou I., **Kaklis T.**, (1999) «Water balance of Nestos river basin up to Thesaurus dam. Preliminary results», Proceedings of the 5th Hydrogeological Congress, Nicosia, Cyprus
3. Soulios G., Zaggana E., **Kaklis T.**, Oikonomidis D., (2001) «Hydrochemical characteristics of groundwater and surface water at the upper basin of Aliakmonas river», 9th International Congress of Geological Society of Greece Vol XXXIV/5, Athens, Greece
4. Soulios, G., Sotiriadis, M., **Kaklis, T.**, Mattas. C., (2002) «Chemical characteristics fluctuation of the groundwater in the area of Ardas river (Evros Prefecture)», Proceedings of the 6th Hydrogeological Congress of Greece, Xanthi
5. Soulios G., Voudouris K., Kalfountzos D., **Kaklis T.**, Sotiriadis M., Alexiou J., Kotsopoulos S. (2007) « Preliminary results of groundwater recharge experiments in Larisa prefecture». 11th International Congress of the Geological Society of Greece Vol. XXXX, Athens, Greece
6. Voudouris, K.; **Kaklis, T.**; Constantinou, K.; Evaggelatos, F.; Papageorgiou, S.; Mentis, A.; Irakleous, T.; Panagiotou, C. (2010) «Pilot study for artificial recharge of the Kokkinochoria aquifer (Cyprus), using treated wastewater». In Proceedings of XIX Congress of Carpathian Balkan Geological Association; Thessaloniki, Greece, 23–26 September 2010
7. **Kaklis T.**, Soulios G., Dimopoulos G., Diamantis I., (2011) «Piezometric conditions in Pieria basin, Kavala Prefecture, Macedonia, Greece», Proceedings of 9th International Hydrogeological Congress, Kalavryta, Greece
8. Soulios G, Tsapanos T., Voudouris K., **Kaklis T.**, Mattas Ch., Sotiriadis M. (2011) «Ruptures on surface and buildings due to land subsidence in Anargyri village (Florina Prefecture, Macedonia)» Proceedings of 9th International Hydrogeological Congress, Kalavryta, Greece
9. **Kaklis T.**, Soulios G., Dimopoulos G., (2012), “Hydrochemical conditions of groundwater in Pieria basin, Kavala Prefecture”, In Proceedings of XI Protection and restoration of the Environment, Thessaloniki 2012
10. Soulios G., Mattas C., **Kaklis T.**, Sotiriadis M., Voudouris K., Dimopoulos G. (2013) “Is the construction of a sanitary landfill acceptable in a karstic area? The case of the sanitary

- landfill site in Fokida, central Greece”. Proc. Of the 13th International Congress of the Geological Society of Greece, Chania
11. Kourtidou S., Mattas C., **Kaklis T.**, (2014). “Qualitative characteristics of the aquifers at Municipality of Kilkis” 10th International Hydrogeological Congress of Greece / Thessaloniki, 2014, v.2, 121-132
 12. Mattas Ch., **Kaklis T.**, Devlioti K., and Vouvalidis K. (2016). Groundwater qualitative characteristics of Mygdonia basin. Investigation of the pollution sources and suitability for human use. Bull. Of the geological Society of Greece Volume L, Number 2, Thessaloniki p.p. 854-864
 13. Marinos V., Papathanassiou G., **Kaklis,T.**, Prountzopoulos G., Asteriou P., Pantazis G., Lambrou E., Grendas N. and Pavlides S (2016) An Engineering geological assessment using terrestrial laser scanning for the stabilization of a volcanic slope in Santorini Island, Bull. Of the geological Society of Greece Volume L, Number 2, Thessaloniki p.p. 835-844
 14. Marinos, V., Prountzopoulos, G., Asteriou, P., Papathanassiou, G., **Kaklis, T.**, Pantazis, G., Lambrou, E., Grendas, N., Karantanellis, E., Pavlides, S. (2019) Beyond the boundaries of feasible engineering geological solutions: stability considerations of the spectacular Red Beach cliffs on Santorini Island, Greece (2017) Environmental Earth Sciences, 76 (15), art. no. 513
 15. Marinos, V., Vazaios, I., Papathanassiou, G., **Kaklis, T.**, Goula, E. (2019) 3D modelling of the ancient underground quarries of the famous Parian marble in the Aegean Sea, Greece and assessment of their stability using LiDAR scanning Quarterly Journal of Engineering Geology and Hydrogeology, 2019, 52(1), pp. 61–73
 16. Voudouris K., Mattas C., **Kaklis T.**, Kazakis, N. et al. (2019): Lateral mobility and vertical scour assessment at a pipeline’s crossing point with rivers/torrents. Proc. of 2nd International Conference on Natural Hazards & Infrastructure, 23-26 June, 2019, Chania, Greece, ID_165, pp. 1-12.
 17. Mattas, C., Veranis, N., Soulios, G., & **Kaklis, T.** (2020). Statistical approach of groundwater quality assessment at Almopia basin, Macedonia, North Greece. Bulletin of the Geological Society of Greece, 56(1), 204-222. doi:<https://doi.org/10.12681/bgsg.23487>