

Curriculum Vitae- Kostas Albanakis

Personal Information

- Date of Birth: January of 1957
- Undergraduate studies: BSc in Geology, School of Geology, Aristotle University of Thessaloniki, Greece (1979).
- Postgraduate studies: PhD in Geography Department, University of Nottingham, U.K. (1985).
- National Service: Hellenic Navy from 1986 to 1987.
- Marital Status: Widowed with two daughters.
- Current occupation: Associate Professor in the School of Geology, Faculty of Science, Aristotle University of Thessaloniki, Greece.

Academic Information

- First occupation: Special Scientist for teaching Oceanography in the School of Geology, Faculty of Science, Aristotle University of Thessaloniki, Greece from 1987 to 1988.
- Lecturer, from 1989 to 1996.
- Assistant Professor, from 1996 to 2011.
- Associate Professor, from 2011.

Research Subject:

Physical Geography of Coastal and Inland Water Systems.

Teaching in undergraduate studies:

- Oceanography, from 1987 up today
- Sedimentology, from 2007 up today
- Natural and anthropogenic environment, (2003-2010 as member of a teaching team) from 2010 up today as coordinator.
- Topics in geography, (2003-2010 as member of a teaching team) from 2010 up today as coordinator.
- Supervision and examination of the Diploma Thesis of 52 students.

Teaching in Postgraduate studies:

School of Geology, Aristotle University of Thessaloniki

- Applied Oceanography (1995-2002)
- Deltaic Systems (1995-2002)
- Wetlands (1995-2002)
- Coastal zone management (1995-2002)
- Management of rivers (1995-2002)
- Management of surface waters (2003- today)
- Management and development of landscape (2003- today)
- Coastal and inland waters (2003- today)

Joined Postgraduate Studies of the Schools Biology-Geology-Civil Engineering, Aristotle University of Thessaloniki "Ecological water quality and management at a river basic level"

- Natural processes in watersheds
- Monitoring of ecological quality
- Environmental education and social awareness on environmental quality

Teaching in other Schools

- Satellite oceanography (Postgraduate program of School of Geology, University of Patras, 2003-2005)
- Natural characteristics of ocean basins (Postgraduate program of School of Biology, Aristotle University of Thessaloniki, 2007-today)

Supervision and examination of postgraduate degrees.

- Supervisor of 6 Master Thesis, Examiner in 14 Master Thesis
- Supervisor of 5 PhD Theses. 2 PhD Theses completed. Examiner in 8 PhD Theses.

Research work:

- 1 PhD, 60 research papers in local and International journals, participation in 35 local and International conferences, 11 posters and extended abstracts in local and International conferences).
- Contribution to 19 research programs of the Research Committee of the Aristotle University of Thessaloniki, and 3 of them as Chief Scientific Responsible.

PhD Thesis:

Albanakis, K., 1985. Monitoring of suspended sediment concentration using optical methods and Remote Sensing. Ph.D Thesis, Department of Geography, University of Nottingham. 264p. BRITS (IPI) D65908/86.

Some selected papers:

- Laopoulos, Th., Kosmatopoulos, C. and **Albanakis, K.**, 1996. The remote monitoring of the Santorini volcano: From Sea-level monitoring to an integrated volcanological monitoring network (I.V.M.). EUR18161-The European laboratory volcanos/ Volcanic Risk - Proceedins of the 2nd workshop- Santorini 2-4 May 1996, pp 253-257
- Moustaka – Gouni, M., **Albanakis, K.**, Mitrakas, M. & Psilovikos, A., 2000. Planktic Autotrophs and Environmental Conditions in the Newly – Formed Thesaurus Reservoir in Nestos River, Greece. Arch. Hydrobiol. 149 3, 507-526.
- Albanakis, K.**, Mitrakas, M. Moustaka – Gouni, M., & Psilovikos, A., 2001. Determination of the environmental parameters that influence sulfide formation in the newly formed Thesaurus reservoir, in Nestos River, Greece. Fresenius Environmental Bulletin, Vol 10- No6, 566-571.
- Syrides, G., **Albanakis, K.**, Tsourlos, P., Vouvalidis, K., Matsas, D., 2004. Geo-archaeological research in the area of the prehistoric settlement Mikro Vouni, Samothrace, Greece. 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, April 2004, T9-18, 791-794.
- Dotsika, E., Maniatis, Y. , Tzavidopoulos, E., Poutoukis, D. and **Albanakis, K.**, 2004. *Hydrogeochemical Condition of the Pikrolimni Lake (Kilkis Greece)*. Δελτίο της Ελληνικής Γεωλογικής Εταιρίας, τομ. XXXVI, 192-195.
- Vouvalidis, K., Syrides, G., **Albanakis, K.**, 2005. *Holocene morphology of the Thessaloniki Bay. Impact of sea level rise*. Zeitschrift fur Geomorphologie, Suppl.-Vol. 137, 147-158.
- Dotsika, E., Poutoukis, D., Tzavidopoulos, I., Shiathas, A., Psomiadis, D., **Albanakis, K.**, Raco, B., 2008. *Isotopic determination of the underground waters of Nissos region, Cyprus*. International Hydrogeological Conference, Athens, Greece. Vol 1: 275-280.
- Alexakis, D., Sarris, A., Astaras, Th., **Albanakis, K.**, & Oikonomidis, D., 2008. Contribution of Satellite Imagery and DEMs to the Detection of Neolithic Settlements in Thessaly, Greece. Proceedings of the 1st International EARSel Workshop on Advances on Remote Sensing for Archaeology and Cultural Heritage Management. Ed. by R. Lasaponara & N. Masini, CNR. Aracne editrice S.r.l. 1st edition Rome, pp 325-328.
- Syrides, G., Vouvalidis, K., **Albanakis, K.**, Tsourlos, P., Matsas, D., 2009. Palaeogeographical Evolution and Sea Level Changes during Holocene in the Prehistoric Settlement of Mikro

- Vouni (Samothrace Island, Greece). *Zeitschrift fur Geomorphologie*, 53-1 39-54.
- Syrides, G., **Albanakis, K.**, Vouvalidis, K., Pilali – Papasteriou, A., Papaefthimiou – Papanthimou, A., Ghilardi, M., Fouache, E., Paraschou, T., Psomiadis, D., 2009. Holocene Palaeogeography of the Northern Margins of Giannitsa Plain in Relation to the Prehistoric Site of Archontiko (Macedonia – Greece). *Zeitschrift fur Geomorphologie*, 53-1 71-82.
- Psomiadis, D., Dotsika, E., Zisi, N., Pennos, C., Pechlivanidou, S., **Albanakis, K.**, Syros, A., Vaxevanopoulos, M., 2009. *Geoarchaeological study of Katarraktes cave system* (Macedonia, Greece): *Isotopic evidence for environmental alterations*. *Géomorphologie: relief, processus, environnement*, n° 4, 229-240.
- Psomiadis, D., Tsourlos, P., **Albanakis, K.**, 2009. *Electrical Resistivity Tomography mapping of beachrocks: application to the island of Thassos (N. Greece)*. *Environmental Earth Sciences* 59(1), 233-240. DOI 10.1007/s12665-009-0021-9.
- Alexakis, D., Sarris, A., Astaras, Th., and **Albanakis, K.**, 2009. Detection of Neolithic Settlements in Thessaly (Greece) Through Multispectral and Hyperspectral Satellite Imagery. *Sensors*, 9, 1167-1187.
- Psomiadis, D., **Albanakis, K.**, Tsourlos, P., 2010. Evaluation of sea-level rise impact on cemented and uncemented beach. Case study from Thassos Island, Greece, CBGA 2010. (Accepted).
- TSOMPANOGLOU, K., TSIRAMBIDES, A., **ALBANAKIS, K.**, KRASAKOPOULOU, E., PAPAGEORGIU, A., ANAGNOSTOU, CH., 2010. *SPATIAL AND TEMPORAL VARIATIONS IN THE GEOCHEMISTRY OF SUSPENDED PARTICULATE MATTER IN THE SHALLOW DELTAIC EMBAYMENT OF NORTHERN THERMAIKOS GULF, GREECE*. CBGA 2010.
- Psomiadis, D., Dotsika, E., **Albanakis, K.**, Zisi, N., Poutoukis, D., Lazaridis, A., 2010. Comparison of sampling techniques for isotopic analysis of shallow marine carbonates. *Bull. Geol. Soc. Greece*.

Some selected posters and extended abstracts:

- Albanakis, K.**, Psilovikos, A., Laopoulos, Θ. & Kosmatopoulos, K., 2000. Development and application of a network of automated environmental monitoring stations using telemetry. Paper as Poster in 6th Symposium of oceanography and fisheries of Greece, Chios May, 2000.
- Vouvalidis, K., Syrides, G., **Albanakis, K.**, 2003. Holocene morphology of the Thessaloniki Bay. Impact of sea level rise. IAG. Working group on Geoarchaeology. International workshop, 16-18 October 2003, Harokopio University. Athens
- Dotsika, E., Tzavidopoulos, I., Poutoukis, D., Maniatis, Y., **Albanakis, K.**, Psomiadis, D., 2008. Geochemistry of Picrolimni lake for the evidence of natron precipitation. 37th International Symposium of Archaeometry, Siena, Italy, 05/2008.
- Margoni, S., **Almpanakis, K.**, 2008. Remote Environmental Monitoring System (R.E.Mo.S.) In Thesaurus Dam – Lake (River Nestos) and Assessment Of Results For The Year 2004”, International Conference on Agricultural Engineering and Industry- AGENG2008, Crete, Greece.
- Psomiadis, D., Dotsika, E., **Albanakis, K.**, Zisi, N., 2009. *Isotopic variation of carbonate cements sampled by different techniques*. *Geophysical Research Abstracts*, Vol. 11, EGU2009-8904.
- Psomiadis, D., Tassis, G., Dotsika, E., Tsourlos, P., **Albanakis, K.**, Zisi, N., 2009. *Mapping beachrocks for palaeoenvironmental and geoarchaeological reconstruction – A case study from Halkidiki, N. Greece*. *Geophysical Research Abstracts*, Vol. 11, EGU2009-823-2.
- Psomiadis, D., Dotsika, E., **Albanakis, K.**, Pennos, C., Zisi, N., 2009. *Geoarchaeological study of Katarraktes cave system - a geochemical approach*. *Geophysical Research Abstracts*, Vol. 11, EGU2009-820-3.
- Psomiadis, D., Vogiatzis, D., **Albanakis, K.**, Christaras, V., Dotsika, E., Zisi, N., 2009. *Valuation of beachrock formation through ultrasonic pulse technique. A method to compare porosities in horizontal and vertical aspects*. *Geophysical Research Abstracts*,

Vol. 11, EGU2009-1472.