

CURRICULUM VITAE

PERSONAL INFORMATION

VOUVALIDIS, Konstantinos,
Associate Professor
School of Geology, Faculty of Sciences,
Aristotle University of Thessaloniki
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COMPETENCIES

2019 – today Deputy Head of the School of Geology, Faculty of Sciences, Aristotle University of Thessaloniki
2017 - 2022 Special Portfolio Member of the Executive Committee of the International Association of Geomorphologists (IAG/AIG)
2014 - 2016 Chairman of the Greek Committee for Geomorphology and Environment. National Member of IAG/AIG (International Association of Geomorphologists).

RESEARCH INTERESTS

Physical Geography, Geomorphology, Fluvial Geomorphology, Coastal Geomorphology, Watershed management, Aquatic systems monitoring and restoration, Geoarchaeology, Paleogeography.

WORK EXPERIENCE

2014 - Today Associate Professor, Aristotle University of Thessaloniki, School of Geology
2011 - 2014 Tenure Assistant Professor, Aristotle University of Thessaloniki, School of Geology
2008 - 2011 Assistant Professor, Aristotle University of Thessaloniki, School of Geology
2000 - 2008 Lecturer, Aristotle University of Thessaloniki, School of Geology
1997 - 2000 Geologist, Self-employed
1993 - 1997 Researcher, Research Committee of Aristotle University of Thessaloniki

RECENT RESEARCH PROJECTS

2020 – 2021 Geoarchaeological and Palaeoenvironmental Research using drilling cores at the vicinity of Ancient Poliochni and sea floor mapping (marine research). Part of the project "Restoration, maintenance and promotion of the archeological site of Poliochni Lemnos" "North Aegean 2014-2020".
2020 -2021 "Mapping early farmers in Thrace – MAPFARM" funded by Hellenic Foundation for Research & Innovation (HFRI)
2019 – today The Central Achaia Phthiotis Survey (CAPS), The Canadian Institute in Greece (CIG). *In charge of Geomorphological Research*
2018 - 2020 Palaeo-Science and History (PS&H), Independent Max Planck Research Group, 2018-2023.
2015 – today Anthemous Valley Archaeological Project (A.V.A.P.), Adam Mickiewicz University, Aristotle University of Thessaloniki, Ephorate of Antiquities of Thessaloniki Region.
2013 - 2014 "Molyvoti Project" Geoarchaeological & palaeoenvironmental research at the archaeological site (zones A & B) of ancient Stryme. University of Princeton – 17th EPCA Komotini. *In charge of Geomorphological Research*
2012 - 2015 "Support Services for the Operation of the Management Agency responsible for Koroneia and Volvi Lakes" Part 8 "Project implementation for the monitoring of abiotic and biotic parameters and support services for self-supervision by the Management Agency responsible for Koroneia and Volvi Lakes" Greek Ministry of Environment. *In charge of Part 8*
2010 – 2015 "Makrakomi Archaeological Landscapes Programme". 14th Ephorate of Prehistoric and Classical Antiquities, Swedish Institute at Athens, Aristotle University of Thessaloniki – School of Geology. *In charge of Geoarchaeological Research*
2010 – 2012 "Dickinson Excavation Project & Archaeological Survey (D.E.P.A.S.) of Mycenae". Member of the research team responsible for the "Ancient Landscape and Environment: the Chavos Valley"
2007 – 2010 Geoarchaeological and Paleogeographical Research in Sperchios River valley, Fthiotida Prefecture, Central Greece". Common research project between Greek Ministry of Culture, 14th Ephorate of Prehistoric and Classical Antiquities, Aristotle University of Thessaloniki. Granted by the institute for Aegean Prehistory (INSTAP), USA. *In charge of Paleogeographical & Palaeoenvironmental Research*

RECENT PUBLICATIONS

2021 Doani, S., Hildebrandt-Radke, I., **Vouvalidis, K.**, Albanakis, K., Syrides, G., 2021. *Sedimentological variability and depositional environment of the Anthemountas River (Northern Greece) during the Late Pleistocene and Holocene*. Quaternary International, 2021, 589, pp. 95–111
2020 Koukousioura, O., Kouli, K., **Vouvalidis, K.**, Aidona, E., Karadimou, G., Syrides, G., 2020. A multi-proxy approach for reconstructing environmental dynamics since the mid Holocene in Lake Ismarida (Thrace, N. Greece). *Revue de*

Micropaleontologie, 2020, 68, 100443

- 2019j Voudouris, K., Mattas, C., Kaklis, T., Kazakis, N., Venetsanou, P., Domakinis, C., Zervopoulou, A., Dimitraki, L., Papachristou, M., **Vouvalidis, K.**, 2019. *Lateral mobility and vertical scour assessment at a pipeline's crossing point with rivers/torrents*. Proceedings of the International Conference on Natural Hazards and Infrastructure, 2019
- 2019g Devlioti K., Christaras B., Marinou V., **Vouvalidis K.**, Giannakopoulos N. (2019) *Kinematic Analysis of Rock Instability in the Archaeological Site of Delphi Using Innovative Techniques*. In: Moropoulou A., Korres M., Georgopoulos A., Spyrakos C., Mouzakis C. (eds) *Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage*. TMM CH 2018. Communications in Computer and Information Science, vol 962. Springer, Cham. https://doi.org/10.1007/978-3-030-12960-6_28
- 2019f Pennos, C., Lauritzen, S.-E., **Vouvalidis, K.**, Cowie P., Pechlivanidou S., Gkarlaouni Ch., Styllas M., Tsourlos, P., Mouratidis, A., 2019. *From subsurface to surface: a multidisciplinary approach to decoding uplift histories in tectonically-active karst landscapes*. *Earth Surface Processes and Landforms*, 2019, 44(9), pp. 1710–1721
- 2019e Niebieszczański J., Czebreszuk J., Hildebrandt-Radke I., **Vouvalidis K.**, Syrides G., Tourlos P., Spychalski W. 2019b *Uncovering tell formation processes in the Anthemous Valley (Northern Greece): Geoarchaeological studies of Nea Raedestos Tomba*. *Journal of Archaeological Science: Reports* 27, in print.
- 2019d Niki Evelpidou, Kosmas Pavlopoulos, **Konstantinos Vouvalidis**, George Syrides, Maria Triantaphyllou, Anna Karkani, Theodoros Paraschou, *Holocene palaeogeographical reconstruction and relative sea level changes in the southeastern part of the island of Samos (Greece)*. *Comptes rendus - Geoscience* 351 (2019), p. 451 – 460
- 2019c Koukousioura O., Dimiza M.D., Kyriazidou E., Triantaphyllou M.V., Syrides G., Aidona E., **Vouvalidis K.**, Panagiotopoulos I.P., Papadopoulou L., 2019. *Environmental evolution of the Paliouras coastal lagoon in the eastern Thermaikos gulf (Greece) during Holocene*. *Environmental Earth Sciences*, 78(10): 313, [PDF](#)
- 2019b Jakub Niebieszczański, Iwona Hildebrandt-Radke, **Konstantinos Vouvalidis**, Georgios Syrides, Stylianos Andreou, Janusz Czebreszuk, Maria Pappa, Panagiotis Tsourlos, Monika Karpińska-Kołodziej, Monika Rządziejewicz, Piotr Kołodziej, *Geoarchaeological evidence of landscape transformations at the Neolithic and Bronze Age settlement of Nea Raedestos in the Anthemous River valley, central Macedonia, Greece*, *Quaternary Research*, <https://doi.org/10.1017/qua.2018.69> [PDF](#)
- 2019a D. Capolongo, A. Refice, D. Bocchiola, A. D'Addabbo, **K. Vouvalidis**, A. Soncini, M. Zingaro, F. Bovenga, L. Stamatopoulos, *Coupling multitemporal remote sensing with geomorphology and hydrological modeling for post flood recovery in the Strymonas dammed river basin (Greece)*, *Science of the Total Environment* 651 (2019), p. 1958–1968. [PDF](#)
- 2016 Vandarakis, D., Pavlopoulos, K., **Vouvalidis, K.**, Fouache, E., 2016. *Holocene lithostratigraphy and its implementation in the geoarchaeological research of the Athenian Basin, Greece*. *Archaeological and Anthropological Sciences*, 2016, 8(3), pp. 441–452
- 2016 Karadimou G., **Vouvalidis K.**, Syrides G., Koukousioura O. and Aidona E., *Geomorphological and paleoenvironmental changes of Ismarida Lake during Holocene (N. Greece)*, *Bulletin of the Geological Society of Greece*, vol. L, p. 424-433.
- 2016 Gaitanopoulos A., Albanakis K. and **Vouvalidis K.**, *Geomorphological and bathymetric research on lakes Zerelia of Almyros (Central Greece)*, *Bulletin of the Geological Society of Greece*, vol. L, p. 315-323.
- 2016 Mattas Ch., Kaklis T., Devlioti K. and **Vouvalidis K.**, *Groundwater qualitative characteristics of Mygdonia Basin. Investigation of the pollution sources and suitability for human use*, *Bulletin of the Geological Society of Greece*, vol. L, p. 854-864.
- 2014 Sidiropoulou, M., Fouache, E., Pavlopoulos, K., Triantaphyllou, M., **Vouvalidis, K.**, Syrides, G., Greco, E., 2014. *Geomorphological evolution and paleoenvironment reconstruction in the northeastern part of Lemnos Island (North Aegean Sea)*. *Aegaeum*, 2014, (37), pp. 49–55
- 2014 Pechlivanidou, S., **Vouvalidis, K.**, Løvlie, R., Nesje, A., Albanakis, K., Pennos, Ch. and Syrides, G., *A multi-proxy reconstruction of the Holocene sedimentary environments in fluvio-deltaic deposits from the Sperchios plain, central Greece*, *The Holocene*, vol. 24(12) 1825–1839.
- 2014 **Vouvalidis, K.**, “Ancient Landscape and Environment: the Chavos Valley,” in Chr. Maggidis *et al.*, *The Lower Town of Mycenae I: Geophysical Survey 2003-2012*, Library of the Athens Archaeological Society, 2014 (forthcoming), Chapter 4.
- 2013 Pennos, Ch., Aidona, E., Pechlivanidou, S. and **Vouvalidis, K.**, *Holocene sedimentary records of the Katarraktes cave system (northern Greece): a stratigraphical and environmental magnetism approach*, *Acta Carsologica*, 2013 (forthcoming), Volume 42.
- 2012 Pavlopoulos, K., Fouache, E., Sidiropoulou, M., Triantaphyllou, M., **Vouvalidis, K.**, Syrides, G., Gonnet, A., Greco, E., *Palaeoenvironmental evolution and sea-level changes in the coastal area of NE Lemnos Island (Greece) during the Holocene*, *Quaternary International* (2012), doi: 10.1016/j.quaint.2012.06.024.
- 2012 O. Koukousioura, M.V. Triantaphyllou, M.D. Dimiza, K. Pavlopoulos, G. Syrides, **K. Vouvalidis** *Benthic foraminiferal evidence and paleoenvironmental evolution of Holocene coastal plains in the Aegean Sea (Greece)*. *Quaternary International* 261 (2012) 105-117.
- 2012 Akın Kurser, Alexandros Chatzipetros, Salih Zeki Tutkun, Spyros Pavlides, Suha Ozden, George Syrides, **Konstantinos Vouvalidis**, Emin Uluggergerli, Ozkan Ates and Yunus Levent Ekinici, 2012. *An Assessment of the Earthquakes of Ancient Troy, NW Anatolia, Turkey*. *Tectonics - Recent Advances*. Edited by Evgenii Sharkov, ISBN 978-953-51-0675-3, Publisher: InTech DOI: 10.5772/2620
- 2012 Niki Evelpidou, Kosmas Pavlopoulos, Andreas Vassilopoulos, Maria Triantaphyllou, **Konstantinos Vouvalidis**, George Syrides. *Holocene palaeogeographical reconstruction of the western part of Naxos Island (Greece)*. *Quaternary International*, 266 (2012), 81-93.
- 2011 Golubovic-Deligianni, M., Pavlopoulos, K., Stournaras, G., **Vouvalidis, K.** and Venni, G., 2011. The contribution of geomorphological mapping in the Xiromero karstic region: land use and groundwater quality protection. *Lambrakis N. Stournaras G., Katsanou K. (Eds) Advances Research of Aquatic Environment, Environmental Earth Sciences*, p. 543-550.
- 2010 **Vouvalidis, K.**, Syrides, G., Pavlopoulos, K., Papakonstantinou, M., Tsourlos, P., 2010. *Holocene Palaeoenvironmental*

- Changes in Agia Paraskevi Prehistoric Settlement, Lamia, Greece*. Quaternary International, 216, 64-74.
- 2010 Pavlopoulos K., Triantaphyllou M., Karkanis P., Kouli K., Syrides, G., **Vouvalidis K.**, Palyvos N., Tsourou Th., 2010. *Paleoenvironmental evolution and prehistoric human environment, in the embayment of Palamari (Skyros Island, Greece) during Middle-Late Holocene*. Quaternary International, 216, 41-53.
- 2010 Niki Evelpidou, Kosmas Pavlopoulos, Andreas Vassilopoulos, Maria Triantaphyllou, **Konstantinos Vouvalidis**, George Syrides, 2010. *Yria (western Naxos Island, Greece): Sea level changes in Upper Holocene and palaeogeographical reconstruction*. Geodinamica Acta, 23/5-6 (2010), 233-240.
- 2010 **Konstantinos Vouvalidis**, George Syrides, Kosmas Pavlopoulos, Sofia Pechlivanidou, Panagiotis Tsourlos and Maria-Fotini Papakonstantinou, 2010. *Palaeogeographical reconstruction of the battle terrain in Ancient Thermopylae, Greece*. Geodinamica Acta, 23/5-6 (2010), 241-253.
- 2010 B. Christaras, **K. Vouvalidis**, 2010. *Rockfalls in the archaeological site of Delphi, Greece*. *Geologically Active – Williams et al. (eds)*, © 2010 Taylor & Francis Group, London, 2779-2786.
- 2009 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 für Geomorphologie, vol. 53, suppl. 1, 39-54.
- 2009 Syrides, G., Albanakis, K., **Vouvalidis, K.**, Pilali – Papasteriou, A. ⁺, Papaefthimiou – Papanthimou, A., Ghilardi, M., E., Fouache, 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 für Geomorphologie, vol. 53, suppl. 1, 71-82.
- 2008 Matthieu Ghilardi, Eric Fouache, Francois Queyrel, George Syrides, **Konstantinos Vouvalidis**, Stephane Kunesch, Mixalis Styllas, Stathis Stiros, 2008. *Human occupation and geomorphological evolution of the Thessaloniki Plain (Greece) since mid-Holocene*. Journal of Archaeological Science, 35, 111-125.
- 2008 Maroukian, H., Gaki-Papanastasiou K., Karymbalis E., **Vouvalidis, K.**, Pavlopoulos, K., Albanakis, K., Papanastasiou, D., 2008. *Morphotectonic control on drainage network evolution in Perachora peninsula, Greece*. Geomorphology, Vol. 102, Issue 1, p. 81-92.
- 2008 Eric Fouache, Matthieu Ghilardi, **Konstantinos Vouvalidis**, George Syrides, Mixalis Styllas, Stephane Kunesch, and Stathis Stiros, 2008. *Contribution on the Holocene Reconstruction of Thessaloniki Coastal Plain, Greece*. Journal of Coastal Research, 24, 5, 1161-1173.
- 2005 **Vouvalidis, K.**, Syrides, G., Albanakis, K., 2005. *Holocene morphology of the Thessaloniki Bay. Impact of sea level rise*. Zeitschrift für Geomorphologie, Suppl.-Vol. 137, 147-158.