

**Marios An. Sapountzis**

Assistant Professor

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e-mail: sapuntzi@for.auth.gr**Education**

- 2000 Ph.D. Mountainous water management and control, Hydrology of surface water, Aristotle University of Thessaloniki, Greece.
- 1994 B.Sc. Forestry and Natural Environment, Aristotle University of Thessaloniki, Greece.

Dissertation Research:

The torrent potential of the area of Sidirokastro and Serres (in Northern Greece) and the operation effectiveness of the torrent control systems.

Professional experience

- 2012 - Assistant Professor, School of Forest and Natural Environment, Aristotle University of Thessaloniki, Greece.
- 2007 -2012 Lecturer, Faculty of Forest and Natural Environment, Aristotle University of Thessaloniki, Greece.
- 2004 -2007 Lecturer, Dept. of Agriculture Ichthyology and Aquatic Environment, University of Thessaly, Greece.
- 2002-2004 Scientific Coordinator, Technical & Education University of Larisa, Greece.
- 2000-2003 Research Associate, Department of Forestry & Management of the Environment and Natural Resources, Democritus University, Greece.
- 1998-2000 Research Assistant, Forest Research Institute, NAGREF, Greece.

Teaching Experience

Over ten years experience in teaching undergraduate courses and MSc courses in Geomorphology, Surface Hydrology, Mountainous Water Management and Control, Bioengineering, Dimensioning check dams and reservoirs.

Academic interests

Mountainous Water Management and Control, Hydrology and Hydraulics, Geomorphology, Forest Hydrology, Snow and Avalanches, Landslides, Management of Water Resources, Water Supply and Dams, Afforestation and Soil Protection, Nature conservation

Research projects

- 2004 – 2006 Description of the torrent environment and investigation of erosion of the Tavropou (Plastira) Lake watershed for its protection by degradation “Ministry of Education”
- 2005 – 2006 “The Effect of the constructed dams in the stream of the torrent “Gerampini” Zagoras on the sediment load and its aquatic ecosystem”. Scientific Coordinator, Ministry of Education.
- 2007 Aristotle University Researching Team for the restoration of municipality Figalia after the fire on 2007. AUTH.
- 2011 Identification collection data of the torrents in the watershed of the lake Kastoria and the implementation of the forest - technic arrangement system. ANKO West Macedonia Development Company.

- 2011 Research of the sediment sources and sediment loads in the watershed of the torrent Velventos Kozanis. ANKO West Macedonia Development Company.
- 2012 – 2013 “Research of the sediment sources and sediment loads in the watershed of the torrent Platania, Nea Triglia Chalkidiki”. Scientific Coordinator, Municipality Neas Propontidas.

Research experience

Mountainous Water Management and Control, Hydrology and Hydraulics, Geomorphology, Forest Hydrology, Snow and Avalanches, Landslides, Management of Water Resources, Water Supply and Dams, Afforestation and Soil Protection, Nature conservation, and GIS application.

Recent international conference

- Sapountzis M., D. Stathis and K. Goulas, 2002: “The flood-genesis and the sedimentation in small basins (Example: Torrential streams in the area of Stylis town in Central Greece)”. 10th Panhellenic Congress of Forestry, Tripoli May 2002.
- Stathis D. and M. Sapountzis, 2002: “Estimation of sediment inflow into a reservoir under construction”. 10th Panhellenic Congress of Forestry, Tripoli, May 2002.
- Sapountzis M. and D. Stathis, 2003: “The effect of deforestation on the hydrological response of a watershed”. 9th Panhellenic Congress of the Greek Hydrotechnical Association, Thessaloniki, April 2003.
- Chouliaras J., Sapountzis M. and K. Soutsas, 2003: “Soil erosion of the mountains and the deposition of the eroded soil in the artificial lakes of Smokovo and Plastira”. 3rd Congress for the Development of Thessaly, Larisa, December 2003.
- Sapountzis M., G. Efthimiou & P. Stefanidis, 2004. The contribution of agrotechnical works after a fire in the protection of forests soils and the installation of the natural reforestation. Proceedings of the First International Conference on Eco-Engineering, p. 353-360. Edited by A. Stokes, I. Spanos, J. Norris and E. Cammeraat and Published by Springer.
- Efthimiou G., Mertzanis A., Sapountzis M. and G. Zakynthinos, 2005: Actions for protection restoration and management of natural ecosystems- The case of Spercheios River Delta. 3rd International Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems”, Dubrovnik 2005.
- Kalinderis I., M. Sapountzis, D. Stathis, F. Tziaftani, P. Kourakli and P. Stefanidis 2010: The risk of sedimentation of artificial lakes, following the soil loss and degradation process in the wider drainage basin. Artificial lake of Smokovo case study (Central Greece). International Conference LAND CONSERVATION 0905 “Global change-challenges for soil management from degradation through soil and water conservation to sustainable soil management”, May 26-30, 2009, Tara Mountain, Serbia. Global Change. Challenges for Soil Management. Advances in GeoEcology 41. pp. 129-140. Miodrag Zlatić (Editor) CATENA VERLAG. ISBN 978-3-923381-57-9.

Publications (peer reviewed journal, congress and book)

- Sapountzis, M., Stathis, D., 2014. Relationship between rainfall and run-off in the Stratoni region (N. Greece) after the storm of 10th February 2010, Global Nest Journal 16 (2), 421-432.
- Dalaris, M., Psilovikos, A., Sapountzis, M., Mourtzis, P., Mourtzios, P., 2013. Water erosion assessment in skiathos island using the gavrilovic method. Fresenius Environmental Bulletin 22 (10) 2943-2952.
- Myronidis D., K. Ioannou, M. Sapountzis and D. Fotakis 2010: Development of a sustainable plan to combat erosion for an island of the Mediterranean region. 15th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region October 7 to 11, 2009, Bari – Italy. Fresenius Environmental Bulletin, 19, 8b, 1694-1702.

- Stathis D., M. Sapountzis and D. Myronidis, 2010. Assessment of land use change effect on a design storm hydrograph using the SCS curve number method: 15th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region October 7 to 11, 2009, Bari – Italy. Fresenius Environmental Bulletin, 19, 9a, 1928-1934.
- Goulas K., Stathis D. and M. Sapountzis, 2004: “Phytotechnical works in the watershed of the stream "Metsovitikos" at Metsovo-Anilio”. Scientific Annals, Depth of Forestry and Natural Environment, A.U.TH.
- Stathis J. Dimitrios and Marios A. Sapountzis, 2003: “Investigation of the relation between rainfall and run-off in the watershed of the torrent “Petrenia” (Gomati region, Chalkidiki, northern Greece) after the storm of 7th-9th October 2000”. Geotechnical scientific issues, Vol 13, 1/2003.
- Stefanidis P., M. Sapountzis, D. Stathis, 2002. Sheet erosion after fire at the urban forest of Thessaloniki (Northern Greece). Silva Balcanica, Issue 2, p. 65-77.
- Stefanidis P., Myronidis D., Sapountzis M. and D. Stathis, 2002: The torrent Scithro, Florina Greece. Scientific Annals, Depth of Forestry and Natural Environment, A.U.TH.
- Sapountzis M., 2011: The torrent potential of the area of Sidirokastro and Serres in Northern Greece and the effectiveness of the torrent control systems. Wildbach-und lawinenverbau.

Reviewer

- Journal Geotechnical Scientific issues, Geotechnical Chamber of Greece
- International Journal of Earth Sciences
- Journal Water Resources Management
- Journal of Engineering Science and Technology Review
- Journal “European Water”, which is published for the European Water Resources Association (EWRA) by EW Publications.
- Scientific Annals, Depth of Forestry and Natural Environment, AUTH.
- Special issue of the journal Desalination Selected papers of the 2nd Conf. Small and Decentralized Water and Wastewater Treatment Units.
- 5th Pan-Hellenic Rangeland Congress.
- 13th, 14th, 15th, Pan-Hellenic Forest Conference.
- 2nd scientific issue / Hellenic Association of information and communication technology in Agriculture, food and Environment (HAICTA)
- 6th Pan-Hellenic Congress, Hellenic Society of Agricultural Engineers,