

CURRICULUM VITAE

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Web Page	http://paraskevinomikou.weebly.com/
Teaching Career	<p>National and Kapodistrian University of Athens</p> <p>“Physical Geography and Environment” (undergraduate level) “Introduction in Geology” (undergraduate level) “Oceanography” (undergraduate level) “Coastal and Marine Geomorphology” (undergraduate level) “Applied Environmental Oceanography” (undergraduate level) “Introduction to Geology and Marine Geology” (graduate level) “Marine Geodynamic” (graduate level) “Coastal Geomorphology” (graduate level) “Management of Marine Environment” (graduate level) “Natural Disaster-Marine volcanology” (graduate level) “Geography and Environment” (graduate level)</p> <p>U of Milano-Biccoca - Applied Marine Geology</p>
Teaching Activities	Physical Geography Oceanography Marine Geodynamics Underwater geomorphology
Other Activities	General Secretary of Hellenic Association of Oceanographers Member of the advisory committee in volcanic crisis of the Earthquake Planning and Protection Organization in Greece Co-Leader of the Commission on Submarine Volcanism Science officer of EGU Natural Hazards NH02: Volcanic Hazards (2017-present)
Research Activities	Submarine volcanism Underwater morphotectonics Marine Geodynamics Geoculture

<p>List of 10 main Publications of the last 5 years</p>	<p>Nomikou P., Druitt T.H., Hübscher C., Mather T.A., Paulatto M., Kalnins L.M., Kelfoun K., Papanikolaou D., Bejelou K., Lampridou D., Pyle D.M., Carey S., Watts A.B., Weib B., Parks M.M. (2016). Post-eruptive flooding of Santorini caldera and implications for tsunami generation. <i>Nature Communications</i> 7.</p> <p>Rizzo A.L., Caracausi A., Chavagnac V., Nomikou P., Polymenakou P.N., Mandalakis M., Kotoulas G., Magoulas A., Castillo A., Lampridou D. (2016). Kolumbo submarine volcano (Greece): An active window into the Aegean subduction system. <i>Scientific Reports</i> 6.</p> <p>Hooft E.E.E., Nomikou P., Toomey D.R., Lampridou D., Getz C., Christopoulou M.-E., O'Hara, D., Arnoux G.M., Bodmer M., Gray M., Heath B.A., VanderBeek B.P., (2017). Backarc tectonism, volcanism, and mass wasting shape seafloor morphology in the Santorini-Christiana-Amorgos region of the Hellenic Volcanic Arc. <i>Tectonophysics</i> 712-713, pp.396.</p> <p>Bakalis E., Mertzimekis T.J., Nomikou P., Zerbetto F. (2017). Breathing modes of Kolumbo submarine volcano (Santorini, Greece). <i>Scientific Reports</i> 7.</p> <p>Ocakoğlu N., Nomikou P., İşcan Y., Loreto M.F., Lampridou D. (2018). Evidence of extensional and strike-slip deformation in the offshore Gökova-Kos area affected by the July 2017 Mw6.6 Bodrum-Kos earthquake, eastern Aegean Sea. <i>Geo-Marine Letters</i> 38 (3), pp.211.</p> <p>Nomikou P., Hübscher C., Papanikolaou D., Farangitakis P. G., Ruhnau M., Lampridou D. (2018). Expanding extension, subsidence and lateral segmentation within the Santorini - Amorgos basins during Quaternary: Implications for the 1956 Amorgos events, central - south Aegean Sea, Greece. <i>Tectonophysics</i> 722, pp.138.</p> <p>Hooft E.E.E., Heath B.A., Toomey D.R., Paulatto M., Papazachos C.B., Nomikou P., Morgan J.V., Warner M.R. (2019). Seismic imaging of Santorini: Subsurface constraints on caldera collapse and present-day magma recharge. <i>Earth and Planetary Science Letters</i> 514, pp.48.</p> <p>Papanikolaou D., Nomikou P., Papanikolaou I., Lampridou D., Rousakis G., Alexandri M. (2019). Active tectonics and seismic hazard in Skyros Basin, North Aegean Sea, Greece. <i>Marine Geology</i> 407, pp.94.</p> <p>Tibaldi, A., Bonali, F.L., Vitello, F. E. Delage, P. Nomikou, V. Antoniou, U. Becciani, B. Van Wyk de Vries, M. Krokos & M. Whitworth (2020): Real world-based immersive Virtual Reality for research, teaching and communication in volcanology. <i>Bull Volcanol</i> 82, 38.</p> <p>Huff A.E., Nomikou P., Thompson L.A., Hooft E.E. & I.J. (2021) Applying planetary mapping methods to submarine environments: onshore-offshore geomorphology of Christiana-Santorini-Kolumbo Volcanic Group, Greece, <i>Journal of Maps</i>.</p>
<p>Scientific Expertise</p>	<p>Participation in more than 80 oceanographic cruises focused on submarine volcanism, tectonics, landslides, slope stability and the exploration of seafloor mineral deposits in Mediterranean Sea, Red Sea, Atlantic Ocean and Pacific Ocean.</p>