Anastasios I. Anastasiadis – Curriculum Vitae, anas@civil.auth.gr

EDUCATION:
Degree in Civil Engineering (Aristotle University, Greece),1990.
Postgraduate studies in Aristotle University of Thessaloniki 1990-1994.
Ph.D. in Soil Dynamics in 1994. (A.U.Th.)

POSITIONS HELD:
Associate Professor, Civil Engineering Department, Aristotle University of Tehesaloniki, 2017 – to date
Assistant Professor, Civil Engineering Department, Aristotle University of Tehesaloniki, 2012 – 2017.
Lecturer, Civil Engineering Department, Aristotle University of Tehesaloniki, 2006 – 2012.
Senior Researcher (2003-2006), Assistant Res. (2000-2003) Lecturer Res., (1997-2000) Inst.of Engineering Seismology & Earthquake Engineering (ITSAK).
Postgraduate fellowship of Geotechnical Eng.Department, in Laboratory Soil Mechanics, 1992-1994
Freelancer in Civil and Geotechnical Engineering: Designer of Public Works, 1990 – 1997.

PRINCIPAL OFFICES IN SCIENTIFIC ORGANIZATIONS, Member of:
- Technical Chamber of Greece
- Hellenic Scientific Society of Soil Mechanics-Foundation Engineering and Society of Rock Mechanics
- International Society of Soil Mechanics & Foundation Engineering (ISSMFE)
- International Society of Rock Mechanics (ISRM)
- Greek Commission on Large Dams (GCOLD)
- ETC12 - Geotechnical Evaluation and Application of the Seismic Eurocode EC8 (2010-to date)
- TC203 - Earthquake Geotechnical Engineering of ISSMGE, serving as secretary (2010-2019)

RESEARCH FIELDS OF INTEREST:
Geotechnical Engineering and Geotechnical Earthquake Engineering. More precisely in:
- Laboratory and In-Situ Testing, Soil and site characterization in geotechnical and earthquake engineering.
- Experimental and theoretical studies on seismic ground motion
- Seismic hazard and seismic risk studies, Site effects and microzonation studies
- Liquefaction and soil improvement studies
- Seismic performance and design of geotechnical structures and infrastructures.
- Numerical and analytical methods in geotechnical earthquake engineering

RESEARCH PROJECTS – PROFESSIONAL EXPERIENCE:
He has worked as the principal investigator in 3 and as the main researcher in over 60 research projects in Greece and EU, mainly in the area of geomechanics and earthquake geotechnical engineering. He has worked as a Consultant in over 15 significant technical works in the area of geotechnical engineering and earthquake geotechnical engineering.

PUBLICATIONS:
In his career, Dr. Anastasiadis has co-authored over 150 scientific publications, and served as Reviewer in 12 international journals while he has received more than 2000 citations of his scientific work. Recent selected Publications:

- Amendola C., de Silva F., Vratsikidis A., Pitilakis D., Anastasiadis A., Silvestri F. (2020), "Foundation impedance functions from full-scale soil-structure interaction tests", Soil Dynamics and Earthquake Engineering, Vol. 141, Feb 2021, DOI: 10.1016/j.soildyn.2020.106523
- Pistolas, G.A., Pitilakis, K. & Anastasiadis, A. (2020), "A numerical investigation on the seismic isolation potential of rubber/soil mixtures". Earthquake Engineering and Engineering Vibration 19, 683–704. DOI: 10.1007/s11803-020-0589-3
- Pavel F., Vacareanu R., Pitilakis K., Anastasiadis A. (2020), "Investigation on site-specific seismic response analysis for Bucharest (Romania)", Bulletin of Earthquake Engineering, 18, 1933–1953, DOI: 10.1007/s10518-020-00789-0
- Pitilakis, K., Riga, E., Anastasiadis A., Fotopoulou, S., Karafagka, S., (2019), "Towards the revision of EC8: Proposal for an alternative site classification scheme and associated intensity dependent spectral amplification factors", Soil Dynamics and Earthquake Engineering, DOI: 10.1016/j.soildyn.2018.03.030.
- Pitilakis D., Rovithis E., Anastasiadis A., Vratsikidis A., Manakou M. (2018). Field evidence of SSI from full-scale structure testing. Soil Dynamics and Earthquake Engineering 2018;112:89–106. doi:10.1016/j.soildyn.2018.04.024
- Pistolas A-G, Anastasiadis A. and K. Pitilakis. (2016). Dynamic behaviour of granular soil materials 1 mixed with granulated rubber: Effect of rubber content and granularity on the small-strain shear modulus and damping ratio, Geotechnical and Geological Engineering, vol. 36, 1267–1281, DOI 10.1007/s10706-017-0391-9
- Anastasiadis A., Pitilakis K. and Senetakis K., (2009). "Dynamic shear modulus and damping ratio curves of sand/rubber mixtures", In Proc., Earthquake Geotechnical Engineering Satellite Conference, XVIIth International Conference on Soil Mechanics & Geotechnical Engineering, October 2–3, Alexandria, Egypt.

- Pitilakis K., Anastasiadis A., Kakderi K., Manakou M., Manou D., Alexoudi M., Fotopoulou S., Argyroudis S., Senetakis K., (2011). "Development of comprehensive earthquake loss scenarios for a Greek and a Turkish city: Seismic hazard, Geotechnical and Lifeline Aspects", Earthquakes and Structures, Vol.2, N.3, 26p.
- Anastasiadis A., Pitilakis K., Senetakis K. and Souli A., (2011). "Dynamic response of sandy and gravelly soils: Effect of grain size characteristics on G-γ-D curves", Proceedings, 5th International Conference on Earthquake Geotechnical Engineering, January 10–13, Santiago, Chile.
- Anastasiadis A., Senetakis K. and Pitilakis K., (2011). "Small strain shear modulus and damping ratio of sand/rubber and gravel/rubber mixtures", Journal of Geological and Geotechnical Engineering, Vol.30, N.2, pp.363-382.
- Anastasiadis A., Senetakis K., Pitilakis K., Gargala C., Karakasi I., (2012). "Dynamic behavior of sand/rubber mixtures, Part I: Effect of rubber content and duration of confinement on small-strain shear modulus and damping ratio", Geotechnical Testing Journal, ASTM, Vol.9, N.2.
- Senetakis K., Anastasiadis A., Pitilakis K., Souli A., (2012). "Dynamic behavior of sand/rubber mixtures, Part II: Effect of rubber content on G/Go-γ-DT curves and volumetric threshold strain, Geotechnical Testing Journal, ASTM, Vol.9, N.2.
- Senetakis K., Anastasiadis A. and Pitilakis K., (2012). "Dynamic properties of dry sand/rubber (RSM) and gravel/rubber (GRM) mixtures", Soil Dynamics and Earthquake Engineering, Vol.33, pp.38-53.
- Senetakis K., Anastasiadis A. Pitilakis K. and Coop M., (2013). "The dynamics of a pumice granular soil in dry state under isotropic resonant column testing", Soil Dynamics and Earthquake Engineering, 45, pp.70-79.
- Senetakis* K., Anastasiadis A. and Pitilakis K., (2013). "Normalized shear modulus reduction and damping ratio curves of quartz sand and rhyolitic crushed rock", Soils and Foundations, 53(6), pp.879-893.
- Pitilakis K., Evi Riga, A. Anastasiadis, (2013) New code site classification, amplification factors and normalized response spectra based on a worldwide ground-motion database, Bulletin of Earthquake Engineering, 11,4,925-966.
- Senetakis, K; Anastasiadis (2015), A Effects of state of test sample, specimen geometry and sample preparation on dynamic properties of rubber-sand mixtures published, Geosynthetics International , Volume 22 Issue 4, August 2015, pp. 301-310.
- Senetakis* K., Anastasiadis A. Pitilakis K., (2015). "A Comparison of Material Damping Measurements In Resonant Column Using The Steady-State and Free-Vibration Decay Methods", Soil Dynamics and Earthquake Engineering, 74, pp.10-13.
- Pistolas G-A, A Anastasiadis, K Pitilakis, (2015) Dynamic Properties of Gravel–Recycled rubber mixtures: Resonant Column and Cyclic Triaxial Tests, Geotechnical Engineering for Infrastructure and Development,