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EDUCATION

Ph.D. in Civil Engineering, University of California, Berkeley, 5/91. Research Advisor: Nicholas Sitar. Thesis: Migration of Nonaqueous Liquids in Partly Saturated Granular Media.

Master of Science in Soil Mechanics and Engineering Seismology, Imperial College of Science and Technology, University of London, 9/85. Research Advisor: Angus Skinner. Thesis: A review of Studies on the Behaviour of Granular Materials from a Microscopic View Point.

Diploma in Civil Engineering, National Technical University of Athens, 7/84. Research Advisor: Andreas G. Anagnostopoulos. Thesis: Experimental Studies on the Compressibility of Clays.

EXPERIENCE

1/13-present: Associate Professor, 9/01-12/12: Assistant Professor (tenured since 3/07), School of Civil Engineering, National Technical University of Athens.

Responsibilities: conduct independent research in the area of geoenvironmental engineering and engineering education, teach graduate and undergraduate civil and environmental engineering courses, supervise undergraduate and graduate research, and direct dissertation work for graduate students.

8/00-1/02: Adjunct Professor, Department of Civil and Environmental Engineering, Carnegie Mellon University.

Responsibilities: direct dissertation work for graduate students and manage NSF-sponsored education projects.

8/00-7/01: Visiting Scholar, Department of Civil and Environmental Engineering, and Graduate School of Education, University of California, Berkeley.

Responsibilities: conduct independent research in engineering and multidisciplinary education.

1/94-7/00: Assistant Professor, Department of Civil and Environmental Engineering, Carnegie Mellon University.

Responsibilities: conduct independent research in the area of geoenvironmental engineering, teach graduate and undergraduate civil and environmental engineering courses, supervise undergraduate, graduate and post-doctoral research, and direct dissertation work for graduate students.

11/91-12/93: Professional Engineer, Montgomery Watson, Industrial and Hazardous Waste Group.

Prepared Technical Memoranda on the Nature and Extent of Contamination at a Superfund Site with chlorinated solvents and fuels present in a multiaquifer system, and on assessing the potential occurrence of nonaqueous liquids at the same site. Researched soil treatment technologies and evaluated the efficiency of pump-and-treat systems for aquifer restoration.

Developed simplified analytical models to simulate response of contaminated heterogeneous alluvial aquifers to groundwater extraction.

7/91-9/91: Post-doctoral Research Engineer, Civil Eng. Dept., U.C. Berkeley. Post-doctoral Advisor: Nicholas Sitar.

Expanded on analyses developed for infiltration of nonaqueous liquids in the subsurface.

6/86-5/91: Research Assistant, Civil Eng. Dept., U.C. Berkeley. Research Advisor: Nicholas Sitar.

Developed method to determine capillary pressure and relative permeability curves for granular materials. Designed experimental equipment in order to simulate organic liquid spills in soil samples. Compared experimental results with the results of existing numerical codes, and suggested improvements. Developed analytical solutions for the movement of organic liquids in the unsaturated zone.

SPECIALIZED TRAINING

Clay Liners and Covers for Waste Disposal Facilities Engineering Program, The University of Texas at Austin, Feb. 1-2, 1994

Geosynthetic Clay Liners for Waste Containment Engineering Program, The University of Texas at Austin, Feb. 3-4, 1994

IFAI Professor Training Course for Geosynthetics, Auburn University, July 8-12, 1996

PROFESSIONAL SOCIETIES

Technical Chamber of Greece

Hellenic Society for Soil Mechanics and Geotechnical Engineering, Secretary General, 2012-2015, Board member (2015-)

Hellenic Society for Terminology

American Society for Engineering Education

International Society for Soil Mechanics and Geotechnical Engineering

CONFERENCE PROGRAM COMMITTEES, CONFERENCE – SEMINAR ORGANIZATION

- Integrating Business and Ethics in Engineering Curricula, May 30-June 2, 2000. Intensive seminar for 10 engineering faculty of Carnegie Mellon University, with the aim of producing business and ethics modules in engineering courses (main organizer).

- First General Assembly of Socrates-Erasmus Thematic Network European Civil Engineering Education and Training (EUCEET-II), Feb. 20– 21, 2003, National Technical University of Athens, Greece (main organizer).

- 2nd International Conference on Advances in Mineral Resources Management and Environmental Geotechnology, Chania, Crete, Greece, Sept. 26–27, 2006 Member of the International Technical Committee (member of the International Technical Committee).

- Characterization and Restoration of Contaminated Sites, Seminar with the necessary technical background for representatives of the authorities overseeing the application of relevant European and national legislation, under the auspices of the Greek Ministry for the Environment and the program INTERREG Educate!, June 25, 2008 (main organizer).

- Teaching Geotechnical Engineering: New blood, new trends, 6th Hellenic Conference on Geotechnical and Geoenvironmental Engineering, Volos, Sept. 29-Oct.1, 2010 (session co-organizer).

- 6th International Congress on Environmental Geotechnics, New Delhi, India, Nov. 8-12, 2010 (member of the International Scientific Committee).

- Case studies in Geotechnical instruction: Appropriate cases for each educational level, ETRC16 Education Workshop, 15th European Conference on Soil Mechanics and Geotechnical Engineering, Athens, Sept. 12-15, 2011 (organizer).

- New trends and challenges in civil engineering education, EUCET Association Conference, University of Patras, Greece, Nov. 24-25, 2011 (secretary of the scientific committee, member of the organizing committee).
- Shaking the Foundations of Geo-engineering Education, International Conference sponsored by the International Society for Soil Mechanics and Geotechnical Engineering, National University of Ireland, Galway, July 4-6, 2012 (member of the organizing committee, co-editor of the proceedings).
- 7th Hellenic Conference on Geotechnical Engineering, Hellenic Society for Soil Mechanics and Geotechnical Engineering, Athens, Nov. 5-7, 2014 (member of the organizing and scientific committee).
- 8th Hellenic Conference on Geotechnical Engineering, Hellenic Society for Soil Mechanics and Geotechnical Engineering, Athens, Nov. 6-8, 2019 (member of the scientific committee).
- GeoEngineering Education: What should graduates be able to do & What and How to teach to enable them to do it, TC306 GeoEngineering Education Workshop, 19th International Conference on Soil Mechanics and Geotechnical Engineering, Seoul, Sept. 17-22, 2017 (organizer).
- Geotechnical Engineering Education 2020 (online), International Conference organized by TC306 under the auspices of the International Society for Soil Mechanics and Geotechnical Engineering, streamed from Athens, June 23-25, 2020 (chair).
- 9th International Congress on Environmental Geotechnics, Chania, Greece, 2022 (member of the International Scientific Committee).
- Geotechnical Engineering Education 2025: Charting the path toward the future, 6th ISSMGE-TC306 Int. Conf., Nancy, France, July 2-4, 2025 (member of the scientific committee, coordinator of the program committee).

COMMITTEE MEMBERSHIPS

- National Science Foundation (NSF), Geomechanical, Geotechnical and Geoenvironmental Systems Review Panel, 1995, 1997, 1999; NSF Instrumentation and Laboratory Improvement Review Panel, 1998, 1999
- Carnegie Mellon University Education Council, 1998-1999 and 1999-2000 (vice chair)
- ASCE Geo-Institute, Task force for the planning of G-I's Education Council, 2000 (chairperson)
- International Society for Soil Mechanics and Geotechnical Engineering, Technical Committee on Education, TC31, 2002-2006
- European Commission, Directorate-General Environment, Technical Working Group for EU Soil Policy Development: Contamination, 2003-2004
- International Society for Soil Mechanics and Geotechnical Engineering, Technical Committee on Environmental Geotechnics, TC5, 2006-2009, TC215, 2010-
- International Society for Soil Mechanics and Geotechnical Engineering, International Association for Engineering Geology, International Society for Rock Mechanics, Joint Technical Committee for Education and Training, JTC3, 2006-2009
- Research Promotion Foundation, Cyprus, Research Proposal Evaluation, 2006
- Hellenic Organization for Standardization (ELOT) and Technical Chamber of Greece, Technical Committee 21 on Terminology (mirror to ISO TC37), 2006 – (NTUA representative)
- European University Civil Engineering Education and Training (EUCET) Association, 2011-2013 (administrative council member)
- International Society for Soil Mechanics and Geotechnical Engineering, European Regional Technical Committee on Geotechnical Education, ERTC16, 2011-2013 (chair)
- International Society for Soil Mechanics and Geotechnical Engineering, Technical Committee on Geo-engineering Education, TC306, 2010-2013 (core member), 2013-2017 (vice chair), 2017- (chair)

AWARDS

- Jane Lewis Fellowship, U.C. Berkeley, 1989
- Research Initiation Award, National Science Foundation (NSF), 1994
- CAREER Award, NSF, 1995
- POWRE Award, NSF, 1999

ASCE Journal of Geotechnical and Geoenvironmental Engineering Outstanding Reviewer, 2015

RESEARCH INTERESTS

Numerical and physical modelling of nonaqueous phase liquid (NAPL) flow, bioremediation of chlorinated solvents, decision support methods for environmental decision making and engineering education.

SPONSORED PROJECTS

Mitigation of Seismic Liquefaction in the Foundation Soil of Existing Structures via Pore Fluid Enrichment with Environmentally Safe Nano-Particles, 2012-2015, Greek Ministry of Education, €600,000, principal investigator (PI) Achilleas Papadimitriou, with co-PIs (NTUA): V. Georgiannou, G. Bouckovalas, M. Kavvadas, M. Pantazidou (<http://apapad.users.uth.gr/thalis.shtml>).

Chromium in Asopos groundwater system: Remediation technologies and measures, 2011-2015, European Commission, Directorate-General for the Environment, LIFE programme, € 2,708,267, principal investigator (PI) Daniel Mamais, with co-PIs (NTUA): K. Adam, D. Dermatas, I. Halikia, A. Katsiri, C. Noutsopoulos, M. Pantazidou, N. Papassiopi, A. Xenidis (<http://www.charm-life.gr/charm/index.php/en/>)

The role of sulfate in the bioremediation of groundwater contaminated with chlorinated solvents, 2008-2010, Basic Research Program NTUA, €15,000, principal investigator (PI), with co-PIs Daniel Mamais, Valter Tandoi, Simona Rossetti, Federico Aulenta.

Hazard assessment of contaminated sediments, 2005-2009, General Secretariat for Science and Technology, €120,000, principal investigator (PI) Alexandra Katsiri, with co-PIs M. Pantazidou, K. Memos.

EDUCATE! Building the Future of Transnational Cooperation in Water Resources in South East Europe, 2005-2008, INTERREG IIIB CADSES Neighbourhood programme, €200,000, principal investigator (PI) Alexandra Katsiri, with co-PIs (NTUA): C. Makropoulos, D. Koutsogiannis, A. Stamou, K. Chatzimpiros, M. Pantazidou.

Chlorinated Hydrocarbons in the Subsurface: Bioremediation with Reductive Dechlorination Processes, 2004-2007, Greek Ministry of Education, €50,000, principal investigator (PI), with co-PIs Daniel Mamais, Efstathios Xatziloukas, Konstantinos Drinas, Valter Tandoi.

Integrating Business and Ethics in Engineering Curricula, 2000-2002, National Science Foundation, \$200,000, principal investigator (PI), with co-PIs Susan Ambrose, John Hooker, Peter Madsen, Indira Nair.

Broadening Engineering Education: Inside the Classroom and beyond, 1999-2001, National Science Foundation, \$103,000, single investigator.

Infiltration of Dense, Nonaqueous Liquid Transport in the Subsurface: Statistical and Fractal Analysis, 1998-2000, Department of Energy, \$90,000, PI, with co-PIs Benoit Morel and Mitchell Small, in collaboration with the Federal Energy and Technology Center.

Numerical Modeling of Nonaqueous Liquid Transport, 1997-1998, Air Force Office of Sponsored Research, \$30,000, single investigator.

A Research Experiences for Undergraduates (REU) Supplement to: Subsurface Contamination by DNAPLs: Transport Modeling and Site Characterization, 1996-1998, National Science Foundation, \$8,500, single investigator.

Subsurface Contamination by Nonaqueous Liquids, 1995-2000, National Science Foundation, \$210,000, single investigator.

Centrifuge Study of Nonaqueous Liquid Transport, 1994-1998 National Science Foundation, \$84,000, single investigator.

PEER-REVIEWED PUBLICATIONS - JOURNALS

M. Pantazidou and M. Calvello, 2024, What kinds of educational material are useful for and desired by university instructors? The case of Geotechnical Engineering, Soils and Rocks, 47:2: e2024003623, <https://doi.org/10.28927/SR.2024.003623>.

K. Kandris, M. Pantazidou and D. Mamais, 2021, Model-based evidence for the relevance of microbial community variability to the efficiency of the anaerobic reductive dechlorination of TCE, Journal of Contaminant Hydrology, Vol. 241, August 2021, 103834, (doi.org/10.1016/j.jconhyd.2021.103834).

M. Pantazidou and K. Kandris, 2020, Examples of applying research-based learning principles to the redesign of an environmental geotechnics course, Int. Journal of Engineering Pedagogy, 10:1:31-50 (doi.org/10.3991/ijep.v10i1.11181).

K. Antoniou, D. Mamais and M. Pantazidou, 2019, Reductive dechlorination of trichloroethene under different sulfate-reducing and electron donor conditions, Journal of Contaminant Hydrology, Vol. 226, October 2019, 103519 (doi.org/10.1016/j.jconhyd.2019.103519).

K. Kandris, K. Antoniou, M. Pantazidou and D. Mamais, 2015, Modeling microbial dechlorination of trichloroethene: Investigating the trade-off between quality of fit and parameter reliability, Bulletin of Environmental Contamination and Toxicology, 94:3:295-301 (doi 10.1007/s00128-014-1436x).

I. Panagiotakis, K. Antoniou, D. Mamais, and M. Pantazidou, 2015, Effects of different electron donor feeding patterns on the reductive dechlorination performance, Bulletin of Environmental Contamination and Toxicology, 94:3:289-294 (doi 10.1007/s00128-015-1462-3).

K. Pitsaki, F. Boura, M. Pantazidou and A. Katsiri, 2014, Methodologies for compiling national inventories of contaminated sites and conducting preliminary site screening, Journal of Global Network for Environmental Science and Technology, 16:1:24-35, <https://doi.org/10.30955/gnj.000830>

I. Panagiotakis, D. Mamais, M. Pantazidou, S. Rossetti, F. Aulenta and V. Tandoi, 2014, Predominance of Dehalococcoides in the presence of different sulfate concentrations, Water Air and Soil Pollution, 225: 1785-1799 (doi: 10.1007/s11270-013-1785-9).

M. Pantazidou, I. Panagiotakis, D. Mamais and V. Zikidi, 2012, Chloroethene transformation in the presence of different sulfate concentrations, Ground Water Monitoring and Remediation, 32:1:106-119 (doi: 10.1111/j1745-6592.2011.013712.x).

K. Kandris and M. Pantazidou, 2012, Landfill base liners: Assessment of material equivalency and impact to groundwater, Geotechnical and Geological Engineering, 30:1:27-44 (doi: 10.1007/s10706-011-9447-4).

A. Katsiri, M. Pantazidou, I. Damikouka, Ch. Kontogiorgi and A. Tringali, 2009, Disposal Options for Dredged Marine Sediments based on Physicochemical and Toxicological Characterization, Journal of Global Network for Environmental Science and Technology, 11:4:449-456.

M. Pantazidou, A. Katsiri and K. Reddy, 2009, Evaluating management options for the disposal of dredged sediments, Journal of ASTM International, 6:6: 14 pages (doi: 10.1520/jai102159).

M. Pantazidou and K. Liu, 2008, DNAPL Distribution in the Source Zone: Effect of Soil Structure and Uncertainty Reduction with Increased Sampling Density, Journal of Contaminant Hydrology, 96:1-4:169-186 (doi: 10.1016/j.jconhyd.2007.11.002).

- I. Panagiotakis, D. Mamais, M. Pantazidou, M. Marneri, M. Parapouli, E. Hatziloukas and V. Tandoi, 2007, Dechlorinating Ability of TCE-fed Microcosms with Different Electron Donors, *Journal of Hazardous Materials*, 149:3:582-589 (doi:10.1016/j.jhazmat.2007.06.113).
- M. Pantazidou, S. Kapniaris, A. Katsiri and A. Christidis, 2007, Pollutant Trends and Hazard Ranking in Elefsis Bay, Greece, *Desalination*, 210:69-82 (doi: 10.1016/j.desal.2006.05.034).
- O. Samara and M. Pantazidou, 2005, Predicting Landfill Settlements with a Combination of Analytical Methods and In Situ Measurements, *Mineral Wealth*, 135:7-24 (in Greek with extended abstract in English).
- N.A. Stiber, M.J. Small and M. Pantazidou, 2004, Site-Specific Updating and Aggregation of Bayesian Belief Network Models for Multiple Experts, *Risk Analysis*, 24:6:1529-1538.
- N.A. Stiber, M. Pantazidou and M.J. Small, 2004, Embedding Expert Knowledge in a Decision Model: Evaluating Natural Attenuation at TCE Sites, *Journal of Hazardous Materials*, 110:1-3:151-160.
- M. Pantazidou and I. Nair, 2001, Academe vs. Babel, *Organization*, 8:2:341-348 (invited contribution).
- M.D. Sohn, M.J. Small and M. Pantazidou, 2000, Uncertainty in Groundwater Site Characterization and Remediation, *ASCE Journal of Environmental Engineering*, 126:10:893-902.
- M. Pantazidou, Z. Abu-Hassanein and M.F. Riemer, 2000, Mobility Study of DNAPL Transport Using the Geotechnical Centrifuge, *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 126:2:105-115.
- N.A. Stiber, M. Pantazidou and M.J. Small, 1999, An Expert System Methodology for Evaluating Reductive Dechlorination at TCE Sites, *Journal of Environmental Science and Technology*, 33:17:3012-3020.
- M. Pantazidou and I. Nair, 1999, Ethic of Care: Guiding Principles for Engineering Teaching and Practice, *Journal of Engineering Education*, 88:2:205-212.
- M. Pantazidou and N. Sitar, 1993, Emplacement of Nonaqueous Liquids in the Vadose Zone, *Water Resources Research*, 29:3:705-722.

PEER-REVIEWED PUBLICATIONS - CONFERENCES

- M. Pantazidou, S. Houston, J. McCartney, A. Tarantino and M. Bardanis, 2024, Alert soil mechanics instructors of the main unsaturated soil issues: What and how to teach when experts disagree, 18th European Conference on Soil Mechanics and Geotechnical Engineering, Lisbon, August 26-30.
- G.D. Tzannes and M. Pantazidou, 2023, Proposed sector-specific inventorying and ranking of potentially contaminated sites: The case of the Armed Forces in Greece, 9th International Congress on Environmental Geotechnics, Chania, Greece, June 25-28.
- M. Pantazidou, 2022, Recall questions for soil compression: potential learning gains for students and instructors, GeoCongress 2022, Charlotte, North Carolina, March 20-23 (to appear).
- M. Pantazidou, 2021, Educational Material for the Big Ideas of the Disciplines: Application in Soil Mechanics, Proceedings of the 11th Hellenic Conference on STEM Education (ENEΦET), Florina, April 19-21, 2019 (in Greek).

M. Pantazidou, 2020, Teaching the Big Ideas of the Disciplines: Online Educational Material Accessible to Everyone for Soil Mechanics' Effective Stress, ISSMGE Int. Conf. Geotechnical Engineering Education GEE 2020, Athens, Greece, June 23-25, 2020.

C. Saroglou and M. Pantazidou, 2020, Engineering Geology and Soil Mechanics: The Need to Develop Educational Material that Captures their Relationship, ISSMGE Int. Conf. Geotechnical Engineering Education GEE 2020, Athens, Greece, June 23-25, 2020.

A. Platis and M. Pantazidou, 2019, Undergraduate Geotechnical Engineering Problems with Greek Soils of Appellation of Origin, 8th Hellenic Conference on Geotechnical Engineering, Athens, Nov. 6-8 (in Greek, with English translation).

M. Pantazidou and K. Kandris, 2016, Creating an online version of an environmental geotechnics course: Pedagogical opportunities, ISSMGE Int. Conf. "Shaping the Future of Geotechnical Education" SFGE 2016, Belo Horizonte, Brazil, Oct. 20-21, doi:10.20906/CPS/SFGE-08-0001.

G.I. Agapoulaki, A.G. Papadimitriou, K. Kandris and M. Pantazidou, 2015, Permeation potential of colloidal silica for passive stabilization of liquefiable soils, XVI European Conference on Soil Mechanics and Geotechnical Engineering, Edinburgh, Sept. 13-17.

K. Kandris, G.I. Agapoulaki, M. Pantazidou and A.G. Papadimitriou, 2015, Analytical and numerical modelling of colloidal silica transport through saturated granular soils, 14th GNEST (Global Network for Environmental Science and Technology) Conference of Environmental Science and Technology, Rhodes island, Greece, Sept. 3-5, 2015.

K. Antoniou, M. Pantazidou and D. Mamais, 2014, Effect of sulfate on the progress of dechlorination through anaerobic biotransformation, Proceedings of 7th International Congress on Environmental Geotechnics, Melbourne, Australia, Nov. 10-14, A. Bouazza, S.T.S. Yuen and B. Brown (Eds), pp. 1312-1318.

K. Antoniou, I. Panagiotakis, D. Mamais and M. Pantazidou, 2013, Hydrogen addition for reductive dechlorination of trichloroethylene, 13th GNEST (Global Network for Environmental Science and Technology) Conference of Environmental Science and Technology, Athens, Greece, Sept. 5-7, 2013.

K. Kandris, K. Antoniou, M. Pantazidou and D. Mamais, 2013, Modelling trichloroethene metabolic reductive dechlorination by a mixed anaerobic culture at non-limiting electron donor concentrations, 13th GNEST (Global Network for Environmental Science and Technology) Conference of Environmental Science and Technology, Athens, Greece, Sept. 5-7.

T.L.L. Orr and M. Pantazidou, 2013, Case studies used in instruction to achieve specific learning outcomes: The case of the embankments constructed for the approach to Limerick Tunnel, Ireland, Paper No 1.15b, 7th Int. Conf. on Case Histories in Geotechnical Engineering, Chicago, IL, May 1-4.

G. Belokas, G. Dounias, M. Pantazidou and C. Tsatsanifos, 2013, The initiative of the Hellenic Society for Soil Mechanics and Geotechnical Engineering to support the development of case studies suitable for instruction & a slope stability example, Paper No 1.12b, 7th Int. Conf. on Case Histories in Geotechnical Engineering, Chicago, IL, May 1-4.

M. Pantazidou and J.D. Frost, 2012, A tour through education sites for an engineering instructor: major stops and impressions, ISSMGE Int. Conf. "Shaking the Foundations of Geo-engineering Education", Galway, Ireland, July 4-6.

T.L.L. Orr and M. Pantazidou, 2012, What learning outcomes can be achieved by incorporating case histories in geotechnical courses?, ISSMGE Int. Conf. "Shaking the Foundations of Geo-engineering Education", Galway, Ireland, July 4-6.

- M. Pantazidou and P. Marinos, 2011, Enduring constituents of Civil Engineering curricula: Educational field trips and diploma thesis, EUCEET Association Conference “New trends and challenges in civil engineering education”, University of Patras, Greece, Nov. 24-25, 2011.
- M. Pantazidou, F. Boura, K. Pitsaki and A. Katsiri, 2011, A methodology for compiling national inventories of contaminated sites: Key decisions and pilot applications in Greece, 12th GNEST (Global Network for Environmental Science and Technology) Conference of Environmental Science and Technology, Rhodes island, Greece, Sept. 8-10.
- Z.-R. Papachatzaki and M. Pantazidou, 2010, Correlating patterns of DNAPL distribution in the subsurface with dimensionless numbers, 6th International Congress on Environmental Geotechnics, New Delhi, India, Nov. 8-12.
- Z.-R. Papachatzaki and M. Pantazidou, 2010, Distribution patterns of dense nonaqueous phase liquids (DNAPLs) in the subsurface: Correlations with dimensionless numbers, 6th Hellenic Conference on Geotechnical and Geoenvironmental Engineering, Volos, Sept. 29–Oct. 1 (in Greek).
- K. Kandris and M. Pantazidou, 2010, Quantifying protection offered by composite landfill liners: Comparison of alternative calculation methods, 6th Hellenic Conference on Geotechnical and Geoenvironmental Engineering, Volos, Sept. 29–Oct. 1 (in Greek).
- M. Pantazidou, A. Katsiri and K. Reddy, 2009, Evaluating management options for the disposal of dredged sediments, 4th International Symposium on Contaminated Sediments: Sustainable Management and Remediation, Dublin, Ireland, June 30 – July 2.
- M. Pantazidou and P. Steif, 2008, Modeling Instruction in an Environmental Geotechnics Course, GeoCongress 2008, New Orleans, March 9–12, ASCE Geotechnical Special Publication No. 178, pp. 797-804.
- A. Katsiri, M. Pantazidou, I. Damikouka, Ch. Kontogiorgi and A. Tringali, 2007, Physicochemical and Toxicological Characterization of Marine Sediments, 10th GNEST (Global Network for Environmental Science and Technology) Conference of Environmental Science and Technology, Kos, Greece, Sept. 5–8.
- I. Panagiotakis, D. Mamais, M. Pantazidou, M. Marneri, M. Parapouli, E. Hatziloukas and V. Tandoi, 2006, Dechlorinating Ability of TCE-fed Microcosms with Different Electron Donors, Proceedings of the Protection and Restoration of the Environment VIII Conference, Chania, Crete, July 3–7, Paper P036.
- E. Skylakis, M. Pantazidou and C. Tsatsanifos, 2006, Incorporating Probability of Liner Failure and Restoration Costs when Evaluating Landfill Liner Designs and Monitoring Procedures, 5th International Congress on Environmental Geotechnics, Cardiff, Wales, UK, June 26–30.
- M. Pantazidou, E. Stamataki and M. Kavvas, 2006, Transport of Chemical Grout Constituents in the Subsurface, Fifth Hellenic Conference on Geotechnical and Geoenvironmental Engineering, Xanthi, May 31–June 2 (in Greek).
- O. Samara and M. Pantazidou, 2006, Settlement of MSW landfills: Estimation based on the Model of One-dimensional Consolidation and Site Measurements, Fifth Hellenic Conference on Geotechnical and Geoenvironmental Engineering, Xanthi, May 31–June 2 (in Greek).
- S. Kapniaris, M. Pantazidou, A. Katsiri and A. Christidis, 2005, Water and Sediment Pollutants in Elefsis Bay: Spatio-temporal trends and a risk-ranking approach, 9th GNEST (Global Network for Environmental Science and Technology) Conference of Environmental Science and Technology, Rhodes, Greece, Sept. 1–3.
- N.A. Stiber, M. Pantazidou and M.J. Small, 2002, Developing an Expert-knowledge Scoring System for Evaluating Reductive Dechlorination at TCE Sites, 4th International Congress on Environmental Geotechnics, Rio de Janeiro, August 11–15.

M. Pantazidou, 2001, Instructional Theory, Engineering Education and Geotechnical Engineering: Common Links, Proceedings Fourth Hellenic Conference on Geotechnical Engineering, Athens, May 30–June 1 (in Greek).

M. Pantazidou, 2000, Designing a Learning Environment for a Geotechnical Engineering Course, Geo-Denver 2000 Congress, Denver, CO, Aug. 5–8, In: ASCE Geotechnical Special Publication on Educational Issues in Geotechnical Engineering.

Z. Abu-Hassanein, M. Pantazidou, and M.F. Riemer, 1998, Infiltration of High Viscosity Low Density DNAPLs in Saturated Porous Media, Centrifuge '98, Tokyo, Sept. 23–25.

M.D. Sohn, G.S. Bromhal, M. Pantazidou, M.J. Small, A.P. Sanil and W.F. Eddy, 1997, Updating Uncertainty in Groundwater Contamination, 24th Annual Conference of the Water Resources Planning and Management Division, ASCE Specialty Conference, April 6–9.

J.L. Buesing and M. Pantazidou, 1996, The Role of Capillary Pressure Curve Selection in Modeling LNAPL Transport in the Vadose Zone, Proceedings of the Non-aqueous Phase Liquids (NAPLs) in the Subsurface ASCE Specialty Conference, Nov. 10–14.

M. Pantazidou and N. Sitar, 1992, Nonaqueous Liquids in the Vadose Zone: Model Experiments and Emplacement Analyses, Mediterranean Conference on Environmental Geotechnology, Cesme, Turkey, May 25–27.

M. Pantazidou, 1988, Immiscible-with-Water Liquids in the Subsurface, Proceedings First Hellenic Conference on Geotechnical Engineering, Athens, Feb. 3–5 (in Greek).

COMMITTEE-REVIEWED PUBLICATIONS - CONFERENCES

M. Pantazidou, S. Kontoe, O. Mavrouli, C. N. Thomas, I. E. Zevgolis, T. Karalis, 2023, Pedagogical Content Knowledge and Diagnostic Questions: The Case of Geotechnical Engineering, 1st International Conference of the Network of Learning and Teaching Centers in Greek Universities: Transforming Higher Education Teaching Practice, Alexandroupolis, Greece, July 6–7.

M. Pantazidou, D. Koutsoyiannis, C. Saroglou, V. Marinos and T. Iliopoulou, 2021, Infuse teaching with research practices: a pilot project – welcome presentation for first-year students on time scales in civil engineering projects, "The role of education for Civil Engineers in the implementation of the SDGs", 1st Joint Conference of EUCEET and AECEF, Thessaloniki, Greece, November 12.

K. Kandris, K. Antoniou, M. Pantazidou and D. Mamais, 2016, A modelling approach for elucidating the composition of the methanogenic community in a chloroethene-degrading culture (extended abstract), 10th ISEB Int. Conf., Barcelona, Spain, June 1–3.

K. Kandris, M. Pantazidou, D. Mamais, 2015, Using numerical experiments to investigate the role of acetate-consuming communities on the reductive dechlorination of trichloroethene, 6th European Bioremediation Conference, Chania, Crete, June 29–July 2.

K. Antoniou, D. Mamais and M. Pantazidou, 2015, Use of low cost food-grade electron donor for trichloroethene dechlorination, 6th European Bioremediation Conference, Chania, Crete, June 29–July 2.

K. Kandris, I. Panagiotakis, M. Pantazidou and D. Mamais, 2012, Correlations between quantitative measures of chloroethene transformation progress, Protection and Restoration of the Environment XI Conference, Thessaloniki, Greece, July 3–6.

I. Panagiotakis, M. Pantazidou, D. Mamais and M. Gioldasi, 2010, Biological Reductive Dechlorination of Chloroethenes in the Presence of Sulfides, Protection and Restoration of the Environment X Conference, paper PRE1167ACT, Corfu, July 5–9.

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