

CURRICULUM VITAE

Kasiteropoulou Dorothea
Civil Engineer, M.Sc, Ph.D

Since joining University of Thessaly, Dr. D.Kasiteropoulou conducted research on Hybrid atomistic-continuum methods, Micro and nano-flow and multiscale modeling, Computational modeling through nanoporous materials, Computational Fluid Dynamics problems, Transport phenomena in micro- and nano-fluidic systems, High performance computing and GPU programming. She supervised projects on computational methods for high Reynolds number external and internal flows, numerical grid generation (finite elements), vectorization of computer codes, modelling of complex environmental processes and development of parallel processing algorithms. Dr. D.Kasiteropoulou has extensive research experience on Sustainable Water Resources Management and on the management of steel industry scrap-soil by its utilization into red ceramics. Since 2004, she has been working as a professional civil engineer, while on 2005 she started additionally working on the design and management of public and private buildings. Three representative examples of public buildings are: 1. Civil Engineering department building at Volos city in Greece (total built-up area 17.603 sq.m., construction budget:30.000.000€, duration:2003-2009), 2.School of Health and Welfare Professions building at Larisa city in Greece (total built-up area 3.475sq.m., construction budget: 674.016,80€, duration:20132017),3. School of Agricultural Technology building at Larisa city in Greece (total built-up area 1.177sq.m., construction budget: 372.770,33€, duration:2014-2016). She has 8 years University teaching experience in the following modules: Hydraulics, Fluid Mechanics, Building materials, Technical drawing, Autocad, Archicad, Hydraulic Computer simulation and Building management. The teaching experience was evaluated by the students and the mean value results were excellent: 4.7/5.0 (position: Professor).

PERSONAL DATA

NAME-SURNAME: Dorothea Kasiteropoulou
ADDRESS: Platykampos Larisas, P.O. Box 1209,
Greece
PHONE NUMBER: +302410663173
+306947047845
E – MAIL: dkasiter@uth.gr

EDUCATION

- **Ph. D.** Department of Civil Engineering, University of Thessaly, 2006-2009 (10/10)
Subject: Micro-, Meso- and macroflows in periodically grooved channels studied by computer simulation.
- **M. Sc.** Department of Civil Engineering, University of Thessaly, 2004-2007 (8.13/10)
Subject: Macroflows in periodically grooved channels studied by computer simulation
- **Dipl. Ing.** Department of Civil Engineering, University of Thessaly, 1999-2004 (8.24/10)
Subject: Sustainable Water Resources Management in the City of Volos Case – A decision analysis with the application of the IWR-MAIN FORECAST MANAGER model

RESEARCH EXPERIENCE

EP1. Participation at the research project entitled «RECORDING OF TRADITIONAL LABORATORIES AND BIOTECHNICAL BUILDINGS OF PELIUM » with chair of action Dr. Adamakis Konstantinos, owner of « Adamakis & Cooperators» company. Duration of project: from 1-7-02 to 31-8-

02 1-4-02. Main focus of project: Architecture mapping and design laboratories and biotechnical buildings of Pelium.

- EP2.** Participation at the research project entitled «PETHAGORAS – CENTRAL ACTIONS» with 51900.09 code and chair of action Dr. Bontozoglou Vasileios, professor at Department of Mechanical and Industrial Engineering, University of Thessaly,. Duration of project: from 1-1-05 to 31-8-06. Main focus of project: Collect and recording publications from University of Thessaly research teams.
- EP3.** Participation at the research project entitled «NUMERICAL SIMULATION AND EXPERIMENTAL STUDYING OF FLOW IN MICRO AND NANO CONDUITS » with 03EΔ588 code and chair of action Dr Liakopoulos Antonios professor at Department of Civil Engineering, University of Thessaly. Duration of project: from 01-01-06 to 01-01-09. Main focus of project: Micro-, Meso- and macroflows in periodically grooved channels, study of simulation in mesoscopic and macroscopic flows
- EP4.** Participation at the research project entitled «ALGAL BIOFUEL PRODUCTION» with 11_SYN_7_472 code and chair of action Dr. Papapolymerou Georgios, professor at Department of Civil Engineering, Technological Educational Institute of Thessaly. Duration of project: from 01-01-13 to 30-06-15. Main focus of project: Stydying of flow in open tubes, fluids mechanics
- EP5.** Participation at the research project entitled «NOVAL CERAMIC MATERIALS» with 11_SYN_5_757 code and chair of action Dr. Speliotis Xenofon, professor at Department of Civil Engineering, Technological Educational Institute of Thessaly. Duration of project: from 01-01-13 to 30-06-15. Main focus of project: Flow simulation and calculation of physical properties in noval ceramic materials.
- EP6.** Participation at the private research project entitled «STUDYING OF DEVELOPMENT APPROPRIATE SUPPLY-MANAGEMENT TECHNOLOGIES: SOLID AND LIQUID OLIVE OIL INDUSTRIES BYPORODUCTS, SLUDGE, ALTERNATIVE SOLID FUEL & CHARCOAL OIL» in collaboration with TERRA S.A. company and chair of action Dr. Spiliotis Xenofon, professor at Department of Civil Engineering, Technological Educational Institute of Thessaly. Duration of project: from 23-8-13 to 31-08-14. Main focus of project: Integration of oil olive wastewater in loam soils.
- EP7.** Participation at the research project entitled «ZOOTECHNICS: LIVESTOCK FACILITIES» in collaboration with Department of Agricultural Technology, Technological Educational Institute of Thessaly. Duration of project: from 26-2-16 to 01-07-16. Main focus of project: Studying of optimization in livestock buildings design.
- EP8.** Participation at the research project entitled «BUILDING INTRAPARTUM RESEARCH THROUGH HEALTH – AN INTERDISCIPLINARY WHOLE SYSTEM APPROACH TO UNDERSTAND AND CONTEXTUALIZE PHYSIOLOGICAL LABOUR AND BIRTH (BIRTH)» with COST Action IS1405 code and chair of action Dr. Soo DOWNE (UK) professor at University of Central Lancashire. Duration of project: from 14-09-17 to present. Main

focus of project: ACTIVE MEMBER (BY INVITATION) IN WG2: BIOMECHANICS AND BIOENGINEERING, simulation in closed channels.

- EP9.** Participation at the research project entitled « Viticulture and oenology. From the grape to the wine "» with code 5260 and institutional responsible for the project Dr. Tsiroukis Achilleas. Duration of project: from 01-01-18 until the end of project, as it will be defined by Entry Decision and Accomplish Decision of project. Main focus of project: Management support.
- EP10.** Participation at the research project entitled « Farmers statement pension, Greek Payment Authority of Common Agricultural Policy (C.A.P.) Aid Schemes (OPEKEPE), and chair of action Dr. Papachatzis Alexandros. Duration of project: from 28-03-18 to 30-06-20. Main focus of project: Management support.
- EP11.** Chair in the action entitled «Computational modeling and simulation of umbilical cord's fluid dynamic, heat transfer and structural properties». Start of work: July 2018, Simulation in macroscale channels.
- EP12.** Participation at the research project entitled «Utilization of liquid waste for cultivation of macroalgae and utilization thereof for production of biodiesel and fish feed supplements», chair of action Dr. Papapolymerou Georgios, Simulation in macroscale channels.
- EP13.** EP12. Participation at the research project In2C of Technical Chamber entitled «Integration of third-country nationals in the construction sector», European program, Asylum, Migration and Integration Fund (AMIF), budget 792.966,30 EUR, Start of the program: December 2018, Technical support and teaching of third-country nationals to integrate them into the construction industry.

RELEVANT RESEARCH SKILLS

- Nano – and micro simulation problems
- Simulation of nano- and mesomaterials
- Multiscale modelling
- Computational modelling through nanoporous materials
- Computational Fluid Dynamics problems
- Computational methods for high Reynolds number external and internal flows
- Development of incompressible and compressible CFD methods
- Numerical grid generation (finite elements)
- Vectorization of computer codes
- Modelling of complex environmental processes and development of parallel processing algorithms
- High performance computing and GPU programming
- Hybrid atomistic-continuum methods
- Transport phenomena in micro- and nano-fluidic systems

AWARDS

- B1. **Honorary prize** from the University of Thessaly. First in grade (Excellent) for the undergraduate studies (BEng), 2004.
- B2. **Honorary prize** from the Municipal Enterprise of Water Supply and Sewerage of Volos of Volos (DEYAMB) for the undergraduate work on Sustainable Water Resources Management in the City of Volos Case (BEng), 2004.
- B3. **Honorary prize** from the University of Thessaly. First in grade (Excellent) for the postgraduate studies (MEng), 2007.
- B4. **Fellowship for PhD Studies** specializing in nanotechnology from General Secretariat Research and Technology, 2006-2009 (40.140€).

TEACHING EXPERIENCE

Adjunct professor, 2009-2014

Technological Educational Institute of Thessaly, Department of Building Structure Engineering

- Building materials technology
- Technical drawing, Autocad, Archicad, Technical, Design constructional projects by PC
- **Hydraulics**
- **Hydraulic Computer simulation**
- **Hydrodynamic projects, Dams**

Adjunct professor, 2009-to present

Technological Educational Institute of Thessaly, Department of Building Structure Engineering

- **Hydraulics**
- **Facilities Buildings Nets**
- Building I
- Building II
- New Building Rural
- Technical Law

Adjunct professor, 2012-2013

University of Thessaly, School of Engineering, Department of civil engineering

- **Hydraulics**
- **Fluid Mechanics**

Adjunct professor, 2015-2016

Technological Educational Institute of Thessaly, Department of Agricultural Technology

- Livestock facilities

SUPERVISION OF BACHELOR THESIS RELEVANT WITH SIMULATION OF HYDRAYLIC PROJECTS OBLECT

- EIII1.** Supervisions of Bachelor Thesis at University of Thessaly in collaboration with Professor Liakopoulos Antonios (simulation of hydraulics projects): A.Stamou, E. Tsikopoulos, N. Michalolias,
- EIII2.** Supervision of Bachelor Thesis at Department of Civil Constructional Projects of Larisa with title «Studying of Krinitza drain system» (simulation closed cross-section channels): Apostolou Hlias

EDUCATIONAL TASK ASSESMENT

Educational task of Dr. Kasiteropoulou Dorothea was assessed by students of:

- α) Technological Educational Institute of Thessaly. Average grade price is 4,7/5.
B) University of Thessaly. Average grade price is 4/5 whereas the mean value for all professors is 4,3/5.

WORK EXPERIENCE

Since 2004, she is working as a professional civil engineer. Since 2013, she is Building Inspector with many inspects of private and public building projects on her carrier. She is a civil engineering designer of private and public building projects while she has undertake supervision of a few private big buildings projects. Since October of 2015, she works as outsider collaborator Civil Engineering at Technical Service in T.E.I. of Thessaly, Department of Designs-Constructions.

ADMINISTRATIVE EXPERIENCE

- ΔI1. Since 2004 he has been working as a freelancer in the private company "Kasiteropoulou Dorothea"
- ΔI2. Since April 2017 until today she is responsible for administrative support at the Center for Technological Research in Thessaly

ΔI3. She has undertaken the organization and administrative support of conferences in collaboration with the Chemical Technology of Materials Science and Mechanics, of the Department of Civil Engineering of the TEI of Thessaly and of "Hydromechanical and Environmental Engineering" of the University of Thessaly

ΔI4. Since March 2018 until today, she is responsible for the administrative support of the "Triptomex Seminar". Seminar "Viticulture and Oenology - From Grape to Wine" ".

ΔI5. Since March 2018 to date, she has been responsible for the administrative support of the OPEKEPE Research Center "Recognition Reception Center (KYD)".

ΔI6. From August 2015 to June 2017 she participated in the administrative support of the Technical Service, Department of Studies and Construction of TEI of Thessaly.

COMPUTING EXPERIENCE (HIGH PERFORMANCE COMPUTING):

- ANSYS - CFX (Computational Fluid Dynamics): Grid generation (Navier-Stokes equations), parallel processing
- LAMMPS (Large-scale Atomic/Molecular Massively Parallel Simulator),
- IWR - MAIN FORECAST AND CONSERVATION MANAGER,
- MATLAB,
- ARC/INFO, ARCHICAD,
- AUTOCAD 2D – 3D, PUNCH, PHOTOSHOP, HOME DESIGN, GOOGLE SKETCH UP,
- Fortran, Linux, Windows.
- Energy Building, Energy Certificate (Civiltech)
- Financial Design for building License (Civiltech)

MEMBERSHIP OF PROFESSIONAL SOCIETIES

Technical Chamber of Greece, 2004-present

Civil Engineers Association, 2004-present

BOOKS

- **D. Kasiteropoulou**, 2009, Micro-, Meso- and macroflows in periodically grooved channels studied by computer simulation., Doctor of Philosophy, Volos, Greece.
- **D. Kasiteropoulou**, 2007, Macroflows in periodically grooved channels studied by computer simulation, Master of Science, Volos, Greece.
- **D. Kasiteropoulou**, 2004, Sustainable Water Resources Management in the City of Volos Case – A decision analysis with the application of the IWR-MAIN FORECAST MANAGER model, B.Sc., Volos, Greece.

CHAPTER IN BOOKS

- **D. Kasiteropoulou**, T.E. Karakasidis, A. Liakopoulos, 2008, MULTISCALE SIMULATION OF FLUID FLOW IN PERIODICALLY GROOVED CHANNELS, an anniversary volume for the 20 years of the University of Thessaly, paper No35, Editor: Professor Mixalis Zouboulakis, Vice Rector of University of Thessaly.

JOURNALS PUBLICATIONS

- J1.**D.Kasiteropoulou**, T.E. Karakasidis, and A. Liakopoulos, "Dissipative Particle Dynamics Investigation of Parameters Affecting Planar Nanochannel Flows", *Materials Science and Engineering B*, Vol.176(19), 2011, pp.1574-1579, DOI: 10.1016/j.mseb.2011.01.023.
- J2.**D.Kasiteropoulou**, T.E. Karakasidis, and A. Liakopoulos, "A Dissipative Particle Dynamics study of flow in periodically grooved nanochannels", *International Journal for Numerical Methods in Fluids*, Vol.68, Issue 9, pp.1156-1172, 2011, DOI: 10.1002/flid.2599.
- J3.**D. Kasiteropoulou**, T. E. Karakasidis, and A. Liakopoulos, "Mesoscopic simulation of fluid flow in periodically grooved microchannels", *Computers & Fluids*, Vol.74, pp.91-101, 2013, DOI: 10.1016/j.compfluid.2013.01.010.
- J4. E. Farsirotou, **D. Kasiteropoulou** and D. Stamatopoulou, "Experimental investigation of fluid flow in horizontal pipes system of various cross-section geometries", *The European Physical Journal Conferences 02/2014*; Vol. 67, pp. 02026.1-5, 2014. DOI: 10.1051/epjconf/20146702026.
- J5.X. Spiliotis, K. Ntampegliotis, **D. Kasiteropoulou**, S. Lamprakopoulos, K. Lolos, V. Karayannis, G. Papapolymerou, "Valorization of mill scale waste by its incorporation in fired clay bricks", *Key Engineering Materials*, Vol.608, pp. 8-13, 2014, DOI: 10.4028/www.scientific.net/KEM.608.8.
- J6.K. Ntampegliotis, **D. Kasiteropoulou**, S. Lamprakopoulos, V. Karayannis, G. Papapolymerou, X. Spiliotis, "Sustainable management of steel-making EAF into red ceramics", *Fresenius Environmental Bulletin*, Accepted for publication (2015).
- J7.**D. Kasiteropoulou**, T. E. Karakasidis, and A. Liakopoulos, "Study of fluid flow in grooved micro and nano-channels via dissipative particle dynamic: a tool for desalination membrane design", *Desalination and Water Treatment* (Manuscript ID: TDWT20150654), Vol. 57(25), pp. 11675-11684, 2016, DOI: 10.1080/19443994.2016.1141118.
- J8.S. Lamprakopoulos, Vayos G Karayannis, G.Papapolymerou, **D. Kasiteropoulou**, K. Ntampegliotis and X.Spiliotis, "Development of engineering ceramics 100% from lignite fly ash and steelmaking EAF mixtures", *Journal of Ceramic Processing Research*, Vol. 17(9), pp. 985-989, 2016.
- J9.V. Karayannis, K. Ntampegliotis, S. Lamprakopoulos, **D. Kasiteropoulou**, G. Papapolymerou, X. Spiliotis, "Development of extruded and sintered clay bricks with beneficial use of industrial 'scrap-soil' as admixture", *Romana de Materiale*; Vol. 46.4, pp.523-529, 2016.
- J10. E. Keramaris, G.Pechlivanidis, **D. Kasiteropoulou**, N.Michalolias, A. Liakopoulos, "Experimental and Numerical Study of Turbulent Flow in Open

Channels with Impermeable and Porous Bed”, *Procedia Engineering*, Vol. 162, pp. 381-387, 2016.

- J11. **D. Kasiteropoulou**, N. Michalolias, E. Keramaris and A. Liakopoulos, “Numerical modelling and analysis of turbulent flow in an open channel with submerged vegetation”, *Environmental Processes*, Vol. 4(1), pp. 47-61, 2017.
- J12. E. Keramaris, A. Liakopoulos, N. Michalolias, **D. Kasiteropoulou**, G. Pechlivanidis, “A study of flow in open channels with vegetation experiments and numerical models”, *Special Topics & Reviews in Porous Media: An International Journal*, Vol. 8(2), pp. 109-120, 2017.
- J13. D. Spetsiotis, F. Sofos, T. Karakasidis, **D. Kasiteropoulou**, A. Liakopoulos, “Multi-parameter analysis of water flows in nanochannels”, *Desalination and Water Treatment*, Ref.: TDWT-2018-0153 (accepted), 2018
- J14. D. Kasiteropoulou, A. Topalidou and S. Downe, “Hemodynamic analysis of blood flow in umbilical arteries and vein”, in preparation

CONFERENCE PAPERS AND PRESENTATIONS

- C1. **D. Kasiteropoulou**, A. Liakopoulos, T. Karakasidis, "Friction laws for planar channels with idealized periodic roughness elements", *Bulletin of the APS* 52 (17), 2007.
- C2. **D. Kasiteropoulou**, T. Karakasidis, and A. Liakopoulos, "Flow in periodically grooved nanochannels studied by computer simulation", *XXV Conference on solid state physics and material science*, Thessaloniki, September 2009.
- C3. **D. Kasiteropoulou**, T. Karakasidis, and A. Liakopoulos, “Dissipative Particle Dynamics of flow in periodically grooved three-dimensional nanochannels”, *4th International Conference: from Scientific Computing to Computational Engineering*, Athens, July 2010.
- C4. **D. Kasiteropoulou**, T. Karakasidis, and A. Liakopoulos, “Investigation of Parameters Affecting Planar Nanochannel Flows by Dissipative Particle Dynamics”, *7th International Conference on Nanosciences and Nanotechnologies - NN10*, Halkidiki -Greece, July 2010.
- C5. **D. Kasiteropoulou**, T. Karakasidis, and A. Liakopoulos, “Microfluidics Simulations In Periodically Grooved Channels using Dissipative Particle Dynamics”, *2nd European Conference on Microfluidics*, Toulouse, December 2010.
- C6. **D. Kasiteropoulou**, A. Moysiadis, L. Sdrolas, “Human Error and Labour Accident: The Civil Engineering Project Case”, *Proceedings of the International Conference on Economics and Administration-ICEA-FAA*, Bucharest, Romania, 3-4 June, pp.502-508, 2011.

- C7. **D. Kasiteropoulou**, T. Karakasidis, and A. Liakopoulos, “Dissipative Particle Dynamics Simulation of Flow in Periodically Grooved Three-Dimensional Nano- and Microchannels”, *3rd Micro and Nano Flows International Conference*, Thessaloniki -Greece, 22-24 August 2011.
- C8. **D. Kasiteropoulou**, T. Karakasidis, and A. Liakopoulos, “Parameters Affecting Planar Grooved Nanochannel Flows via Dissipative Particle Dynamics Simulations”, *9th International Conference on Nanosciences & Nanotechnologies*, Thessaloniki -Greece, 3-6 July 2012.
- C9. **D. Kasiteropoulou**, D. Drikakis, “Advances in Micro Fluid Dynamics Modelling”, *10th WSEAS International Conference on Fluid Mechanics*, Milan - Italy, 9-11 January 2013.
- C10. **D. Kasiteropoulou**, T. Karakasidis, and A. Liakopoulos, “Friction factor estimation of microchannel flows: A dissipative particle dynamics study”, *10th HSTAM 2013 International Congress on Mechanics*, Chania, Crete -Greece, 25-27 May 2013.
- C11. G. Papapolymerou, X. Spiliotis, V. Karayannis, N. Gougoulias, **D. Kasiteropoulou**, “Microalgal cultivation and biofuel production – Effect of nitrogen restriction”, *CEMEPE 2013 – 4th International Conference on Environmental Management, Engineering, Planning and Economics*, Mykonos Island, Greece, 4-8 June 2013.
- C12. K. Ntampeglitis, **D. Kasiteropoulou**, S. Lamprakopoulos, V. Karayannis, G. Papapolymerou, X. Spiliotis, "EAFC beneficial utilization in extruded clay bricks fabrication", *Proceedings of the PRE XII – 12th International Conference on Protection & Restoration of the Environment*, Skiathos, June 29 – July 3, 2014
- C13. K. Lolos, K. Ntampeglitis, **D. Kasiteropoulou**, V. Karayannis, G. Papapolymerou, X. Spiliotis, "Steel making EAFC as the raw material into novel ceramics", *Book of Abstracts of the CHISA 2014 – 21st International Congress of Chemical and Process Engineering*, Prague, Czech Republic, August, 23-27.
- C14. V. Karayannis, **D. Kasiteropoulou**, K. Ntampeglitis, S. Lamprakopoulos, G. Papapolymerou, X. Spiliotis, “Valorization of steel mill scale for manufacturing innovative engineering ceramics and environmental protection“, *21st International Congress of Chemical and Process Engineering CHISA 2014 Prague*.
- C15. X. Spiliotis, N. Gougoulias, V. Karayannis, **D. Kasiteropoulou**, G. Papapolymerou, "Effect of pH on the growth rate and productivity of wild algal species", *Book of Abstracts of the ICOEST 2014 – 2nd International Conference on Environmental Science and Technology*, Side-Antalya, May 14-17, 2014.
- C16. X. Spiliotis, K. Ntampeglitis, **D. Kasiteropoulou**, V. Karayannis, G. Papapolymerou, "Contribution to the management of steel industry scrap-soil by its utilization into red ceramics", *Book of Abstracts of the GREENCHEM4 – 4th International Symposium on Green Chemistry for Environment, Health and Development*, Kos island, Greece, Sept. 24-26, 2014.
- C17. E. Farsirotou, **D. Kasiteropoulou** and D. Stamatopoulou, “Experimental investigation of fluid flow in horizontal pipes system of various cross-section

- geometries”, *The European Physical Journal Conferences* 02/2014; 67. DOI: 10.1051/epjconf/20146702026.
- C18. **D. Kasiteropoulou**, T. Karakasidis, and A. Liakopoulos, “Roughness effect on flows in micro and nano-channels”, *12th International Conference "Protection & Restoration of the Environment - PRE12*, Skiathos Island, 29 June- 4 July 2014.
- C19. S. Lamprakopoulos, V. Karayannis, G. Papapolymerou, **D. Kasiteropoulou**, K. Ntampeglitis, X. Spiliotis, "Lignite fly ash and EAFC as the raw materials for ceramics", *Proceedings of the CEMEPE 2015 – 5th International Conference on Environmental Management, Engineering, Planning and Economics*, Mykonos island, Greece, June 14-18, 2015.
- C20. E. Keramaris, G.Pechlivanidis, **D. Kasiteropoulou**, N.Michalolias, A. Liakopoulos, “Experimental and Numerical Study of Turbulent Flow in Open Channels with Impermeable and Porous Bed”, *2nd EWaS International Conference: “Efficient & Sustainable Water Systems Management toward Worth Living Development”*, 1 - 4 JUNE 2016 Crete Island, Greece.
- C21. **D. Kasiteropoulou**, T. Karakasidis, and A. Liakopoulos, “Particle based simulation of fluid flow in periodically grooved channels”, *European Congress on Computational Methods in Applied Sciences and Engineering (ECCOMAS) Congress*, 5 - 10 JUNE 2016 Crete Island, Greece.
- C22. N. Michalolias, E. Keramaris, **D. Kasiteropoulou**, A. Liakopoulos and G. Pechlivanidis, “Experiments and numerical analysis of flow in an open channel with gravel bed”, *3rd EWaS International Conference on “Insights on the Water-Energy-Food Nexus”*, Lefkada Island, Greece, 27-30 June 2018.
- C23. **D. Kasiteropoulou**, A. Topalidou, “Computational modeling and simulation of umbilical cord’s fluid dynamic, heat transfer and structural properties”, *From Birth to Health Towards Sustainable Childbirth*, Sept 17-18, 2018 : COST Action BIRTH Conference : Lisbon.
- C24. Viokeral – Terra SA, “Valorisation of waste or process by-products by its incorporation into clay ceramics”, *SPIRE Brokerage event, Brussels, October 22nd 2013*.
- C25. Viokeral – Terra SA, “Olive mill by-products into clay ceramics”, *SPIRE Brokerage event, Brussels, October 22nd 2013*.
- C26. Viokeral – Terra SA, “Reduction of GHG Emissions. Valorisation of a variety of industrial inorganic waste or by-products into resources.”, *SPIRE and Catalysing the Circular Economy BROKERAGE EVENT, Brussels*, 3-4 October 2017.
- C27. Viokeral – Terra SA, “Valorisation of a variety of industrial inorganic waste or PROCESS by-products into resources TO GAIN Reduction of GHG Emissions AND INDUSTRIAL SYMBIOSIS THROUGH CIRCULAR ECONOMY PROCEDURES”, *SPIRE and Catalysing the Circular Economy BROKERAGE EVENT, Brussels*, 3-4 October 2017.

- C28. T. Karakasidis, F. Sofos, **D. Kasiteropoulou**, A. Liakopoulos, "Transfer computation by Molecular Dynamics simulation", *ROH 2006*, Patra Greece, November 2006 (in Greek).
- C29. **D. Kasiteropoulou**, F. Sofos, T. Karakasidis, A. Liakopoulos, "Multiscale Modelling in grooved channels", *ROH 2008*, Kozani Greece, November 2008 (in Greek).
- C30. Ξ. Σπηλιώτης, Κ. Νταμπεγλιώτης, **Δ. Κασιτεροπούλου**, Β. Καραγιάννης, Γ. Παπαπολυμέρου, "Αξιοποίηση υγρού κατσίγαρου στην κεραμική βιομηχανία – Τεχνικές μείωσης εκπομπών CO₂", *Πρακτικά 6^{ου} Πανελληνίου Συνεδρίου Κεραμικών*, Αθήνα, 04/2014, 1-8
- C31. Σ. Λαμπρακόπουλος, Κ. Νταμπεγλιώτης, **Δ. Κασιτεροπούλου**, Β. Καραγιάννης, Γ. Παπαπολυμέρου, Ξ. Σπηλιώτης, "Μελέτη θερμικής συμπεριφοράς μιγμάτων οργανικών αποβλήτων με πηλώδη χρώματα", *Πρακτικά ΘΕΡΜΑ 2014 – 6^ο Πανελλήνιο Συνέδριο Θερμικής Ανάλυσης & Θερμιδομετρίας*, Λάρισα, 09/2014, 1-8.
- C32. S. Lamprakopoulos, K. Ntampegliotis, **D. Kasiteropoulou**, V. Karayannis, G. Papapolymerou, X. Spiliotis, "Novel combined valorization of Mill Scale Waste and Sewage Sludge into fired clay bricks. Environmental impact", *2^ο Περιβαλλοντικό Συνέδριο Θεσσαλίας*, Σκιάθος, 09/2015.
- C33. Ν. Μιχαλόλιας, **Δ. Κασιτεροπούλου**, Ε. Κεραμάρης, Α. Λιακόπουλος, (2015) "Υπολογιστική Προσομοίωση Ροής σε Ανοικτό Αγωγό με Βλάστηση", *3ο Κοινό Συνέδριο: 13ο Ελληνικής Υδροτεχνικής Ένωσης (EYE), 9ο Ελληνικής Επιτροπής Διαχείρισης Υδατικών Πόρων (ΕΕΔΥΠ) και 1ο Ελληνικού Υδατικού Συνδέσμου (ΕΥΣ), «Ολοκληρωμένη Διαχείριση Υδατικών Πόρων στη Νέα Εποχή»*, pp. 385-294, Αθήνα, Δεκέμβριος 2015.
- C34. Ε.Κεραμάρης, Α. Λιακόπουλος, Γ. Πεχλιβανίδης, **Δ. Κασιτεροπούλου**, Ν. Μιχαλόλιας, "Μελέτη τυρβώδους ροής σε ανοικτό αγωγό με τεχνητή βλάστηση", *Πρακτικά 10^{ου} Πανελληνίου Συνεδρίου «Φαινόμενα Ροής Ρευστών»*, *ROH2016*, τόμος 125, σελ. 1-9, Πάτρα, Δεκέμβριος 2016.

REFERENCES

SCOPUS: 85 (for 14 publications)

Google Scholar: 107 (for 21 publications)

EVALUATOR IN JOURNALS & INTERNATIONAL CONFERENCES

- International Journal for Numerical Methods in Fluids,
- PRE XII – 12th International Conference on Protection & Restoration of the Environment, Skiathos, June 29 – July 3, 2014,
- 2nd EWaS International Conference: "Efficient & Sustainable Water Systems Management toward Worth Living Development", 1 - 4 JUNE 2016 Crete Island, Greece,
- 3rd EWaS International Conference on "Insights on the Water-Energy-Food Nexus", Lefkada Island, Greece, 27-30 June 2018.