Αναλυτικό Βιογραφικό Σημείωμα
Καθηγητή Γεράσιμου Λυμπεράτου

Γέννηση: 5 Οκτωβρίου, 1958 (Αθήνα)

Οικογενειακή κατάσταση: Έγγαμος (Μαρία Ξύγκη),
Τέσσερα παιδιά (Χριστίνα, Άννα, Κοσμάς, Βασίλης)

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Άλλες θέσεις/λειτουργίες:

- Συνεργαζόμενο μέλος ΔΕΠ ΙΤΕ/ΙΕΧΜΗ
- Δημοτικός Σύμβουλος Χαλανδρίου, εντεταλμένος για την κυκλική οικονομία
- Ιδρυτής και Αν.Πρόεδρος Ελληνικού Υδατικού Συνδέσμου
- Associate Editor, Waste and Biomass Valorization (SPRINGER-)

Εκπαίδευση:

- Λύκειο: Κολλέγιο Αθηνών, Ιούνιος 1977
- Bachelor of Science στη Χημική Μηχανική,
  Massachusetts Institute of Technology, USA, June 1980

- Master's of Science στη Χημική Μηχανική
  California Institute of Technology, USA, Ιούνιος, 1982
- PhD στη Χημική Μηχανική, California Institute of Technology, USA, Ιούνιος 1984

Τίτλος διδακτορικής διατριβής: *"Dynamic and Steady-State Bifurcation for Modeling Chemical Reaction Systems",* Επιβλέπων: Prof. James E. Bailey

Παρελθούσες Θέσεις:

- Editor, Journal of Hazardous Materials (ELSEVIER) (2003-2021)
- Associate Editor, GNEST Journal
- 2005-2017, ΣΕΠ, Ελληνικό Ανοικτό Πανεπιστήμιο στο Μεταπτυχιακό Πρόγραμμα «Διαχείριση Αποβλήτων» (τα πρώτα χρόνια και Ακαδημαϊκός υπεύθυνος, επίσης συντονιστής ενότητας «Διαχείριση στερεών αποβλήτων» μέχρι το 2016)
- Σεπ.1993 – Ιούλιος 2011, Καθηγητής Χημικών Μηχανικών, Πανεπιστήμιο Πατρών
- Σεπ.1999 – Αυγ.2003 Πρόεδρος Χημικών Μηχανικών, Πανεπιστήμιο Πατρών
- Σεπ.1994-Αυγ.1997, Αντιπρύτανης Οικονομικού Προγραμματισμού του Πανεπιστημίου Πατρών
- Ιούλιος 1990-Σεπ.1993, Αναπληρωτής καθηγητής, Πανεπιστήμιο Πατρών
- Αυγ. 1988-Ιούλιος 1990, Associate Professor(tenured), University of Florida, USA
- Δεκ. 1983-Αυγ. 1988, Assistant Professor, University of Florida
- 1981-1982, Teaching Assistant, California Institute of Technology

Ξένες Γλώσσες:

- Αγγλικά (άριστα)
- Γαλλικά (καλά)
- Γερμανικά (καλά)
- Ισπανικά (μέτρια)
- Ιταλικά (λίγα)

Μέλος στα:

- International Water Association
- International Solid Wastes Association
- Ελληνική Εταιρεία Διαχείρισης Στερεών Αποβλήτων
- Ελληνική Εταιρεία Βιοτεχνολογίας
- Μικροβιόκοσμος
- Τεχνικό Επιμελητήριο Ελλάδος
- Πανελλήνιος Σύνδεσμος Χημικών Μηχανικών
- Ελληνικός Υδατικός Σύνδεσμος
- Γεωργική Ακαδημία Αθηνών

Συγγραφικό έργο:

- 281 δημοσιεύσεις σε διεθνή επιστημονικά περιοδικά με κριτές
- 469 συμμετοχές σε επιστημονικά συνέδρια (391 διεθνή)
- 4 βιβλία
- 14 κεφάλαια σε βιβλία

H index SCOPUS: 60
SCOPUS 13.942 αναφορές

Χρηματοδότηση έρευνας:

Περίπου 80 Ευρωπαϊκά, Ελληνικά και Αμερικανικά ερευνητικά προγράμματα ως επιστημονικός υπεύθυνος σε ΕΜΠ, Πανεπιστήμιο Πατρών, ΙΕΧΜΗ, University of Florida και Δήμο Χαλανδρίου

Επίβλεψη διατριβών:

43 διδακτορικές (συμπληρωμένες)
36 Μάστερ
Περίπου 400 σε ΕΜΠ και Πανεπιστήμιο Πατρών (119 διπλωματικές στο ΕΜΠ από το 2015)

1. ΕΡΕΥΝΗΤΙΚΟ ΕΡΓΟ

Α. Δημοσιεύσεις σε διεθνή περιοδικά με κριτές

1. Li J., Boxall A.B.A., Swan C., …Lyberatos G, ... White B., Zarfl C.,«Pan-continental assessment of socioeconomic and environmental predictors of PFAS occurrence in European rivers from a harmonised monitoring study», Water Research, 305, 126481, (2026)
2. Ntaikou I., Misailidou D., Alexandropoulou M., Lyberatos G., Antonopoulou G., «Towards more sustainable biohydrogen production: Reducing freshwater demand via municipal wastewater-based dilution of food waste» , Biochemical Engineering Journal, 232, 110221, (2026)
3. Tsaousis P.C., Kora E., Andrikopoulos K.S., ... Lyberatos G., Voyiatzis G.A., «The Estimation of Composition in Biosynthetic PHA Materials via fast Raman spectra giving insights into thermal processability dynamics» , Journal of Polymers and the Environment, 34(8), 216, (2026)
4. Tzivelou E.E., Kefi O., Pavlopoulos C., ... Lyberatos G., Lekkas D.F. «Evaluation of CO_2 biofixation efficiency in Arthrospira platensis under varying CO_2 supply rates» , Euro Mediterranean Journal for Environmental Integration, 11(6), 221, (2026)
5. Kiskira K., Tsakanika L.-A., Kritikos A., ... Lyberatos G., Ochsenkuhn-Petropoulou M., «Microbial Bioleaching of Critical Metals from Spent Lithium-Ion Batteries: A Biohydrometallurgical Approach» , Minerals, 16(3), 277, (2026)
6. Antonopoulou G., Alexandropoulou M., Lyberatos G., Ntaikou I., «Investigating the role of start-up hydraulic retention time in biohydrogen yields, distribution of metabolites and microbial ecology during continuous dark fermentation of expired fruit juices» , International Journal of Hydrogen Energy, , 212, 153594, (2026)
7. Barka-Papadimitriou A., Lyberatos V., Desiotou E., Efthimiou K., Lyberatos G., «A Machine Learning Approach for the Completion, Augmentation and Interpretation of a Survey on Household Food Waste Management» , Processes, 14(2), 302, (2026)
8. Papadimitriou A.B., Betsa D., Pavlopoulos C., Giannakourou M.C., Lyberatos G., «Valorization of Brewer's Spent Grain via Its Incorporation into Bakery Products» , Waste and Biomass Valorization, (in press), (2026)
9. Pavlopoulos C., Papadopoulou K., Patsidis A.C., Zoumpoulakis L., Lyberatos G. «Mechanical and Dielectric Properties of Epoxy Resin Composites Filled With Whole-Panel Waste From First and Second Generation End-of-Life Photovoltaic Panels» , Polymer Engineering and Science, (in press), (2026)
10. Filippou κ., Diamantopoulou K. , Gatzia M., Ntaikou I., Papadopoulou K. and Lyberatos G.; "The Effect of Organic Loading and Mode of Operation in a Sequencing Batch Reactor Producing PHAs from a Medium Corresponding to Condensate from Food Waste Drying", POLYMERS, 17, art.No 3270, (2025)
11. Filippou, K.; BouzanI, E.; Kora, E.; Ntaikou, I.; Papadopoulou, K.; Lyberatos, G.;«Polyhydroxyalkanoates Production from Simulated Food Waste Condensate Using Mixed Microbial Cultures», POLYMERS, 17, 15, art. no. 2042, (2025)
12. Kanellos, G.; Antarachas, M.; Lyberatos, G.; Tremouli, A.; "Cheese Whey Treatment Using a Microbial Electrolysis Cell Assisted Anaerobic Digestion System: The Efects of Pretreatment, Organic Loading and Applied Potential", Waste and Biomass Valorization, 16(12), pp. 6621–6636, (2025)

13. Kanellos, G.; Kamperidis, T.; Pilichou, A.; Tremouli, A.; Lyberatos, G.; «A 3D modelling approach to biocathode design for promoting electromethanosynthesis in a Microbial Electrolysis Cell» , Biochemical Engineering Journal, 223, art. no. 109889, (2025)
14. Kanellos, G.; Kamperidis, T.; Pilichou, A.; Tremouli, A.; Lyberatos, G.; «Development of a model to describe the performance of electromethanosynthesis in two microbial electrolysis cells with different biocathode sizes», BIOELECTROCHEMISTRY, 165, art. no. 108988, (2025)
15. Lyberatos V. and Lyberatos G., "Application of Machine Learning Algorithms to Predict Composting Process Performance", Proceedings, 121, 3, (2025)
16. Lytras, C.; Lyberatos, V.; Lytras, G.; Papadopoulou, K.; Vlysidis, A.; Lyberatos, G. «Development of a Model Composting Process for Food Waste in an Island Community and Use of Machine Learning Models to Predict its Performance», WASTE AND BIOMASS VALORIZATION", 16, 683–700, (2025)
17. Antonopoulou, G.; Papadopoulou, K.; Alexandropoulou, M.; Lyberatos, G., «Liquid hot water treatment of woody biomass at different temperatures: The effect on composition and energy production in the form of gaseous biofuels» , Sustainable Chemistry and Pharmacy,18, art. No. 101485, (2024)
18. Dueholm, MKD; (…) Lyberatos, G, "MiDAS 5: Global diversity of bacteria and archaea in anaerobic digesters", NATURE COMMUNICATIONS, 15, 1, art. no. 5361, (2024)
19. Kanellos, G.; Monokrousou, E.; Tremouli, A.; Lyberatos, G., «Treatment of two-phase olive mill waste and degradation of phenolic compounds with simultaneous bio-electrochemical conversion of CO2 to CH4 using a microbial electrolysis cell», Sustainable Chemistry and Pharmacy. 39, art. No 101589, (2024)
20. Kanellos, G.; Tremouli, A.; Arvanitakis, G.; Lyberatos, G., «Boosting methane production and raw waste activated sludge treatment in a microbial electrolysis cell-anaerobic digestion (MEC-AD) system: The effect of organic loading rate», Bioelectrochemistry,155, art. No. 108555, (2024)
21. Kanellos, G.; Tremouli, A.; Kondylis, A.; Stamelou, A.; Lyberatos, G., «Anaerobic Co-digestion of the Liquid Fraction of Food Waste with Waste Activated Sludge», Waste and Biomass Valorization, 15, 3339–3350, (2024)
22. Kanellos, G.; Tremouli, A.; Tsakiridis, P.; Remoundaki, E.; Lyberatos, G., "Silver Recovery from End-of-Life Photovoltaic Panels Based on Microbial Fuel Cell Technology", Waste and Biomass Valorization, 15, 75-86, (2024)
23. Kanellos, G.; Zonfa, T.; Polettini, A.; Pomi, R.; Rossi, A.; Tremouli, A.; Lyberatos, G., "A dual-chamber Microbial Electrolysis Cell for electromethanosynthesis from the effluent of cheese whey dark fermentation", Biomass and Bioenergy, 189, art. no. 107335, (2024)
24. Kora, E.; Antonopoulou, G.; Zhang, Y.; Yan, Q.; Lyberatos, G.; Ntaikou, I., "Investigating the efficiency of a two-stage anaerobic-aerobic process for the treatment of confectionery industry wastewaters with simultaneous production of biohydrogen and polyhydroxyalkanoates", Environmental Research, 248, art. No. 118526, (2024)
25. Lytras, C.; Lyberatos, V.; Lytras, G.; Papadopoulou, K.; Vlysidis, A.; Lyberatos, G., "Development of a Model Composting Process for Food Waste in an Island Community and Use of Machine Learning Models to Predict its Performance ",

WASTE AND BIOMASS VALORIZATION, In press, https://doi.org/10.1007/s12649-024-02697-9, (2024)

26. Tao, Q.; Huang, H.; Yang, M.; Zoo, Y.; Yan, Q.; Liang, B.; Ntaikou, I.; Antonopoulou, G.; Lyberatos, G.; Zhang, Y., “Comparison of batch, fed-batch and continuous operation modes for scalable polyhydroxyalkanoate (PHA) production and carbon sequestration from phenol”, Journal of Water Process Engineering, 60, art. No. 105147, (2024)
27. Zhang, Y.; Zou, Y.; Tao, Q.; Yang, M.; Harder, M.; Wang, H.; Liang, B.; Ntaikou, I.; Antonopoulou, G.; Lyberatos G., “Scalable recovery of polyhydroxyalkanoate (PHA) from a mixed microbial culture via a novel acidification-NaClO digestion process”, BIORESOURCE TECHNOLOGY REPORTS , 27, art. no. 101925, (2024)
28. Alexandropoulou, M., Antonopoulou, G., Ntaikou, I., Lyberatos, G. “The impact of alkaline/hydrogen peroxide pretreatment on hydrogen and methane production from biomasses of different origin: The case of willow sawdust and date palm fibers”, SUSTAINABLE CHEMISTRY AND PHARMACY 32, art. No. 100971, (2023)
29. Antonopoulou, G.; Bampos, G.; Ntaikou, I.; Alexandropoulou, M.; Dailianis, S., Bebelis, S.; Lyberatos, G. "The biochemical and electrochemical characteristics of a microbial fuel cell used to produce electricity from olive mill wastewater", ENERGY,282, art. No. 128804, (2023)
30. Kamperidis, T.; Tremouli, A.; Lyberatos, G.,”Architecture Optimization of a Single-Chamber Air-Cathode MFC by Increasing the Number of Cathode Electrodes”, SUSTAINABILITY, 15, art. No. 13107, (2023)
31. Kanellos G., Tremouli A., Arvanitakis G., Lyberatos G.., “Computational Analysis of the Kinetic Processes of Microbial Electrolysis Cell-Assisted Anaerobic Digestion Using the ADM1”, Water 15(22), 3939, (2023)
32. Kanellos, G.; Tremouli, A.; Tsakiridis, P.; Remoundaki, E.; Lyberatos, G., “Silver Recovery from End-of-Life Photovoltaic Panels Based on Microbial Fuel Cell Technology”, WASTE AND BIOMASS VALORIZATION , In press, (2023)
33. Kiskira, K.; Lymperopoulou, T.; Lourentzatos, I.; Tsakanika, L.A.; Pavlopoulos, C.; Papadopoulou, K.; Ochsenkuhn, K.M.; Tsopelas, F.; Chatzitheodoridis, E.; Lyberatos, G.; Ochsenkuhn-Petropoulou, M."Bioleaching of Scandium from Bauxite Residue using Fungus Aspergillus Niger”, WASTE AND BIOMASS VALORIZATION, In press, (2023)
34. Kora, E.; Patrinou, V.; Antonopoulou, G.; Ntaikou, I.; Tekerlekopoulou, A.G.; Lyberatos, G.,"Dark fermentation of expired fruit juices for biohydrogen production followed by treatment and biotechnological exploitation of effluents towards bioplastics and microbial lipids”,Biochemical Engineering Journal, 195, art. No. 108901, (2023)
35. Kora, M.; Tsaousis, P.C.; Andrikopoulos, K.S.; Chasapis, C.T.; Voyiatzis, G.A.; Ntaikou, I.; Lyberatos, G., “Production efficiency and properties of poly(3hydroxybutyrate-co-3hydroxyvalerate) generated via a robust bacterial consortium dominated by Zoogloea sp. using acidified discarded fruit juices as carbon source”, INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, 226, 1500-1514, (2023)
36. Ntaikou, I.; Alexandropoulou, M.; Kamilari, M.; Alamri, S.A.; Moustafa, Y.S.; Hashem, M.; Antonopoulou, G.; Lyberatos, G., “Saccharification of starchy food waste through thermochemical and enzymatic pretreatment, towards enhanced bioethanol

production via newly isolated non-conventional yeast strains", ENERGY, 281, art. no. 128259, (2023)

37. Pandis, P.K.; Michopoulos, E.; Arvanitis, C.; Argirusis, C.; Stathopoulos, V.N.; Lyberatos, G.; Tremouli, A, "Bioenergy Production from Tannery Waste via a Single-Chamber Microbial Fuel Cell with Fly Ash Cathodic Electrodes", KEY ENGINEERING MATERIALS, 962, 105-112, (2023)
38. Pavlopoulos, C.; Christoula, A.; Patsidis, A.C.; Semitekolos, D.; Papadopoulou, K.; Psarras, G.C.; Zoumpoulakis, L.; Lyberatos, G., "Epoxy-Silicon Composite Materials from End-of-Life Photovoltaic Panels", WASTE AND BIOMASS VALORIZATION, 14, 3391–3400, (2023)
39. Tremouli, A.; Pandis, P.K.; Kamperidis, T.; Argirusis, C.; Stathopoulos, V.N.; Lyberatos, G. "Performance Comparison of Different Cathode Strategies on Air-Cathode Microbial Fuel Cells: Coal Fly Ash as a Cathode Catalyst", WATER (SWITZERLAND), 15, art. No. 862, (2023)
40. Wang, H.; Wang, C.; Guo, F.; Yu, J.; Zhang, Y.; Harder, M.; Ntaikou, I.; Antonopoulou, G.; Lyberatos, G.; Yan, Q., "Enhancement of biosynthesis of polyhydroxyalkanoates (PHA) from Taihu blue algae by adding by-product acetic acid", JOURNAL OF BIOTECHNOLOGY, 363, 32-39, (2023)
41. Zonfa, T.; Kamperidis, T.; Falzarano, M.; Lyberatos, G.; Polettini, A.; Pomi, R.; Rossi, A.; Tremouli, A. "Two-Stage Process for Energy Valorization of Cheese Whey through Bio-Electrochemical Hydrogen Production Coupled with Microbial Fuel Cell", FERMENTATION, 9, art. No 306, (2023)
42. Zou, Y.; Yang, M.; Tao, Q.; Zhu, K.; Liu, X.; Wan, C.; Harder, M.K.; Yan, Q.; Liang, B.; Ntaikou, I.; Antonopoulou, A.; Lyberatos, G.; Zhang, Y. "Recovery of polyhydroxyalkanoates (PHAs) polymers from a mixed microbial culture through combined ultrasonic disruption and alkaline digestion", JOURNAL OF ENVIRONMENTAL MANAGEMENT, 326, Part B, art. No. 116786, (2023)
43. Alexandropoulou M., Antonopoulou G., Lyberatos G., "Modeling of continuous dark fermentative hydrogen production in an anaerobic up-flow column bioreactor", CHEMOSPHERE, 293, art. No. 133527, (2022)
44. Ben Atitallah, I.B., Ntaikou, I., Antonopoulou, G., Bradai, C., Mechchi, T., Lyberatos, G. Effect of alkaline/hydrogen peroxide pretreatment on date palm fibers: induced chemical and structural changes and assessment of ethanol production capacity via Pichia anomala and Pichia stipitis BIOMASS CONVERSION AND BIOREFINERY,12, 443-489,(2022)
45. Ben Atitallah, I.; Antonopoulou, G.; Ntaikou, I.; Soto Beobide, A.; Dracopoulos, V.; Mechichi, T.; Lyberatos, G., "A Comparative Study of Various Pretreatment Approaches for Bio-Ethanol Production from Willow Sawdust, Using Co-Cultures and Mono-Cultures of Different Yeast Strains", MOLECULES, 27, 4, art. No. 1344,(2022)
46. Hashem M., Al-Qahtani M.S., Alamri S.A., Moustafa Y.S., Lyberatos G., Ntaikou I., "Valorizing food wastes: assessment of novel yeast strains for enhanced production of single-cell protein from wasted date molasses", Biomass Conversion and Biorefinery, 12, 4491–4502, (2022)
47. Kamperidis, T.; Pandis, P.K.; Argirusis, C.; Lyberatos, G.; Tremouli, A., "Effect of Food Waste Condensate Concentration on the Performance of Microbial Fuel Cells with Different Cathode Assemblies", SUSTAINABILITY,14,5 art. No. 2625,(2022)

48. Kamperidis, T.; Peppas, A.; Lyberatos, G. “A 2D Modelling Approach for Predicting the Response of a Two-Chamber Microbial Fuel Cell to Substrate Concentration and Electrolyte Conductivity Changes”, ENERGIES, 15, 4 art. No. 1412, (2022)
49. Kamperidis, T.; Tremouli, A.; Remoundaki, E.; Lyberatos, G. , “Silver Recovery from Wastewater, Simulating the Chemical Extract Originating from a PV Panel Using Microbial Fuel Cell Technology”, WASTE AND BIOMASS VALORIZATION, 13, 4073–4083, (2022)
50. Kanellos G., Kyriakopoulos D., Lyberatos G., Tremouli A., “Electrochemical characterization of a microbial electrolysis cell during the bio-electrochemical conversion of CO2 to CH4”, Biochemical Engineering Journal, 182, art. no. 108431, (2022)
51. Mathioudakis, D ; Karageorgis, P ; Papadopoulou, K ; Astrup, TF ; Lyberatos, G "Environmental and Economic Assessment of Alternative Food Waste Management Scenarios", SUSTAINABILITY,14,15,art. No. 9634, (2022)
52. Pandis, P.K.; Kamperidis, T.; Bairamis, K.; Vlachos, I.; Argirusis, C.; Stathopoulos, V.N.; Lyberatos, G.; Tremouli, A. ,”Comparative Study of Different Production Methods of Activated Carbon Cathodic Electrodes in Single Chamber MFC Treating Municipal Landfill Leachate”, Appl. Sci. 2022, 12, 2991, (2022)
53. Pavlopoulos, C.; Kelesi, M.; Michopoulos, D.; Papadopoulou, K.; Lymperopoulou, T.; Skaropoulou, A.; Tsivilis, S.; Lyberatos, G., “Management of end–of–life photovoltaic panels based on stabilization using Portland cement”,SUSTAINABLE CHEMISTRY AND PHARMACY,27,art. no. 100687, (2022)
54. Pavlopoulos C.; Papadopoulou, K.; Theocharis M.; Tsakiridis P.; Kousi P; Hatzikioseyian A; Remoundaki E; Lyberatos G., “Modification of Recovered Silicon from End-of-Life Photovoltaic Panels for Catalytic Reduction of Cr(VI)”, Waste, 1, 1, 81-94, (2022)
55. Theocharis, M ; Pavlopoulos, C ; Kousi, P ; Hatzikioseyian, A ; Zarkadas, I ; Tsakiridis, PE ; Remoundaki, E ; Zoumboulakis, L ; Lyberatos, G , “An Integrated Thermal and Hydrometallurgical Process for the Recovery of Silicon and Silver from End-of-Life Crystalline Si Photovoltaic Panels”, WASTE AND BIOMASS VALORIZATION, 13, 9 (SI), 4027-4041, (2022)
56. Tremouli, A; Chatzikonstantinou, D; Kanellos, G; Lytras, G; Lyberatos, G, “MICROBIAL FUEL CELL FOR Cr(VI) REDUCTION AND SIMULTANEOUS BIO-ELECTRICITY PRODUCTION USING AN ABIOTIC CATHODE”, FRESENIUS ENVIRONMENTAL BULLETIN, 31,2, 1719-1727, (2022)
57. Wilkinson, JL ; Boxall, ABA ; Kolpin, DW ; Leung, KMY ; Lai, RWS ; Galban-Malagon, C (…) Lyberatos, G…, “Pharmaceutical pollution of the world's rivers”, PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 119 8, art. No. e2113947119, (2022)
58. Yang, M.; Zou, Y.; Wang, X.; Liu, X.; Wan, C.; Harder, M.; Yan, Q.; Nan, J.; Ntaikou, I.; Antonopoulou, G.; Lyberatos, G.; Zhang, Y., “Synthesis of intracellular polyhydroxyalkanoates (PHA) from mixed phenolic substrates in an acclimated consortium and the mechanisms of toxicity”, Journal of Environmental Chemical Engineering, 10, 3, art. No. 107944, (2022)
59. Antonopoulou, G ; Ntaikou, I ; Bebelis, S ; Lyberatos, G , “On the evaluation of filtered and pretreated cheese whey as an electron donor in a single chamber microbial fuel cell", BIOMASS CONVERSION AND BIOREFINERY, 11, 633-643, (2021)

60. Apostolopoulos, I., Bampos, G., Beobide, A.S., ...Lyberatos, G., Antonopoulou, G., “The effect of anode material on the performance of a hydrogen producing microbial electrolysis cell, operating with synthetic and real wastewaters”, Energiest, 14(24), 8375, (2021)
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62. Hashem, M; Alamri, SA; Asseri, TAY; Mostafa, YS; Lyberatos, G; Ntaikou, I., "On the Optimization of Fermentation Conditions for Enhanced Bioethanol Yields from Starchy Biowaste via Yeast Co-Cultures", SUSTAINABILITY, 13, art. No. 1890, (2021)
63. Kiskira, K., Lymperopoulou, T., Tsakanika, L.A., Pavlopoulos, C., Papadopoulou, K., Ochsenkuhn, K.M., Lyberatos, G.; Ochsenkuhn-Petropoulou, M., “Study of Microbial Cultures for the Bioleaching of Scandium from Alumina Industry By-Products”, METALS,11,6, art. No. 951, (2021)
64. Lytras, G ; Lytras, C ; Mathioudakis, D ; Papadopoulou, K ; Lyberatos, G , "Food Waste Valorization Based on Anaerobic Digestion", WASTE AND BIOMASS VALORIZATION, 12, 1677-1697, (2021)
65. Mathioudakis, D; Karageorgis, P; Papadopoulou, K; Lyberatos, G “LCA and LCC of dried and shredded food waste as an alternative fuel for the cement industry”, WASTE MANAGEMENT AND RESEARCH, In press, (2021)
66. Mathioudakis D., Michalopoulos I., Kalogeropoulos K., Papadopoulou K. and Lyberatos G., “Anaerobic digestion of dried/shredded food waste in a periodic anaerobic baffled reactor”, Water Science & Technology, Water Science and Technology, 84, 2, 420-430, (2021)
67. Mathioudakis, D. Papadopoulou, K., Lytras, GM, Pavlopoulos, C., Niakas, S., Filippou, K., Melanitou, E.,Lekkas, D.F., Lyberatos, G., «A Detailed Characterization of Household Municipal Solid Waste», "WASTE AND BIOMASS VALORIZATION, 12, 2945-2957, (2021)
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Γ2. Ελληνικά

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63. Βλάχος Π., Καμπιώτη Α., Κορνάρος Μ. και Λυμπεράτος Γ., «Χρήση Αερίου Όζοντος για την Απολύμανση και την Εξουδετέρωση Επιμολυντικών Οργανικών Ενώσεων σε φυσικούς φελλούς», 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσ/νίκη, Μάιος (2005)
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65. Φουντουλάκης Μ., Πάκου Κ., Μπλίκα Ε. , Σταματελάτου Κ., Γαβαλά Χ., Σκιαδάς Ι., και Λυμπεράτος Γ., «Τύχη των Ξενοβιοτικών Ουσιών κατά την Επεξεργασία της Ιλύος», 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσ/νίκη, Μάιος (2005)
66. Lyberatos G., “Biological Methods of Waste Treatment”, Conference on Methods of Treatment, inertisation and characterisation of industrial solid wastes”, Thessaloniki, Greece, Sep.10, (2004)
67. Lyberatos G., “Biological Processes for Liquid and Solid waste Management”, Conference on Environmental Education and Research, Agrinio, Greece, June 27, (2003)
68. Stamatelatou K., S.Dokianakis, P.Drillia, M.Fountoulakis, C.Frounda, M.Kornaros and G.Lyberatos, “The path of pharmaceuticals until disposal to the Environment: the example of ofloxacin”, 4th Panhellenic Chemical Engineering Conference, Proc.p.p. 1045-1048, Patras, May 29-31, (2003)
69. Σταματελάτου Κ., Δοκιανάκης Σ., Δρίλλια Π., Φουντουλάκης Μ., Φρούντα Κ., Κορνάρος Μ. και Γ. Λυμπεράτος «Η πορεία των φαρμακευτικών ουσιών μέχρι την εναπόθεση τους στο περιβάλλον: το παράδειγμα της οφλοξακίνης» 4ο Πανελλήνιο Συνέδριο Χημικής Μηχανικής, Πάτρα, 1045-1048, 29-31 Μαίου (2003)
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72. Lyberatos, G., Stamatelatou K. and C. Dravillas, “A system for combined hydrolysis and anaerobic digestion of sweet sorghum for the production of biogas”, Proc. 19th Panhellenic Chemistry Conference, Herakleion, Crete, November 6-10, (2002)
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76. Lyberatos G., “Alternative treatment methods of olive mill wastewaters for the production of energy and biofuels”, 2nd Panhellenic Symposium on Green Chemistry and Sustainable Development
77. Senkevich S., Antonopoulou G., Ntaikou I. and Lyberatos G, “Biofuels production from lignocellulosic wastes via fermentative processes: effect of thermochemical pretreatment on the enzymatic hydrolysis and the yields of final products”, 3rd National MikroBiokosmos (MBK) Conference, Thessaloniki, Greece
78. Vlysides, A.; Theodosi, D.; Kanellow, G.;Tremouli, A.; Pavlopoulos, C.; Papadopoulou, C.; Fragkos, O.; Lymberatos, G. "Ανάπτυξη εναλλακτικών τρόπων αξιοποίησης πράσινου υδρογόνου για την αναβάθμιση του βιοαερίου που παράγεται κατά την αναερόβια χώνευση αποβλήτων και βιομάζας

Summer schools:

1. Lyberatos G., *Microbial Fuel Cells*, 1st Training school,Energy recovery in anaerobic processes in wastewater and sludge processing, Silesian University of Technology, Gliwice, Poland, 24th-27th September 2013
2. Lyberatos G., *Hydrogen and biopolymer production* , 1st Training school, Energy recovery in anaerobic processes in wastewater and sludge processing, Silesian University of Technology, Gliwice, Poland, 24th-27th September 2013
3. Lyberatos G., *Science and Engineering of biowaste conversion pathways*, 1st SAHYOG Summer School, Athens, 9-16 June 2013
4. Lyberatos G., *Chemicals in electronic wastes. Impacts and technologies for recovery and safe disposal*, EWASTEU: Legal Regulations and Implementations on E-Waste in EU - Yasar University Izmir, Turkey 28 April-11 May 2013
5. Lyberatos G., *“Organic Wastes and Wastewaters as Sources of Materials and Energy”*, WasteEng 2014, Rio di Janeiro Brazil (2014)
6. Lyberatos G., “Biohydrogen and biomethane and from agro-industrial wastewaters”, Nicosia, Cyprus, October 29-31, (2014)

2. ΕΚΠΑΙΔΕΥΤΙΚΟ ΕΡΓΟ

Α. Διδαχθέντα μαθήματα

1. Εθνικό Μετσόβιο Πολυτεχνείο :

Βιοχημική Μηχανική
Περιβαλλοντική Μηχανική
Στοιχεία Μηχανολογικού Εξοπλισμού
Ηλεκτρομηχανολογικός εξοπλισμός Διεργασιών
Βιοτεχνολογία και Περιβάλλον
Φαινόμενα Μεταφοράς Ι: Ροή Ρευστών
Βιομάζα (μεταπτυχιακό, ΔΠΜΣ Παραγωγή και Διαχείριση Ενέργειας)

2. Ελληνικό Ανοικτό Πανεπιστήμιο:

ΔΙΑ 51 Διαχείριση Στερεών Αποβλήτων

3. Πανεπιστήμιο Πατρών:

1. Τεχνολογία Περιβάλλοντος
2. Βιοχημικές Διεργασίες
3. Επεξεργασία Βιομηχανικών Αποβλήτων
4. Επεξεργασία Στερεών Απορριμμάτων
5. Βιολογία

4. Μεταπτυχιακά/Επιμορφωτικά Μαθήματα στο Παν/μιο Πατρών:

1. Βιολογικός Καθαρισμός (Φθινόπωρο '91, 60 ώρες εισηγήσεων)
2. Βιοχημικές Διεργασίες (Φθινόπωρο ΄91, 30 ώρες εισηγήσεων)
3. Ρύθμιση Διεργασιών, (μεταπτυχιακό)
4.Τεχνολογία Περιβάλλοντος, (μεταπτυχιακό)
5. Περιβαλλοντική Βιοτεχνολογία, (μεταπτυχιακό)

University of Florida:

Προπτυχιακά:

1.	ECH	3023	Introduction to Chemical Engineering
2.	ECH	4404L	Chemical Engineering Operations Laboratory
3.	CAP	3210	Computer Model Formulation
4.	ECH	4934	Professional Seminar
5.	ECH	4524	Reactor Dynamics and Design
6.	ECH	4504	Chemical Kinetics and Processing

Μεταπτυχιακά:

1.	ECH	5746	Biochemical Engineering Principles

2. ECH 3012 Elements of Chemical Engineering
3. ECH 6937 Graduate Thermodynamics
4. ECH 6926 Graduate Seminar
5. ECH 6126 Computer Control of Processes

Β. Επίβλεψη διατριβών:

Διδακτορικά (Ολοκληρωμένα):

1. O'Neil, D.G., "Dynamic Modelling of Continuous Microbial Growth Processes", 1988, U. Florida
2. Abulesz, E.M., "Periodic Optimization of Biological Systems", 1988, U. Florida
3. Stephens, M.L., "The Effect of Periodic Operation on Mixed and Recombinant Bacterial Populations", 1989, U. Florida
4. Harmon, J., "Adaptive Optimization of Continuous Microbial Growth Processes", 1990, U. Florida
5. Rodin, B., "Temporal Versus Spatial Separation of Growth and Lactate Production Phases for a Mutant Escherichia Coli Culture", 1992 , U. Florida
6. Pullamanapallip, P., "Modelling and Control of the Anaerobic Digestion Process", 1992 , U. Florida
7. Vayenas D., " Modeling of Nitrifying Trickling Filters", 1994, University of Patras
8. Kornaros M., "Modeling and Optimization of Denitrification Systems", 1995, University of Patras
9. Skiadas I., "The Periodic Anaerobic Baffled Reactor", 1998, U.of Patras
10. Zafiri C., "Modeling of Biological Phosphorus Removal", 1996, University of Patras
11. Liakou S., "Integrated Chemical and Biological Wastewater Treatment" 1998, U. of Patras
12. Gavala H., "Anaerobic Codigestion of Agroindustrial wastewaters", in process, 1998, U. of Patras
13. Zissi U. , "Biodegradation of azo-dyes by pure and defined mixed microbial cultures", 1998, U. of Patras
14. Stamatelatou, K, "Optimization of anaerobic treatment processes", 1999, U.of Patras
15. Katsoyannis A., "Biological Nitrogen Removal and Adaptive Optimization of Nitrification in Sequencing Batch Reactors", 2001, U. of Patras
16. Agelis George, "Treatment of Edible Olive Processing Wastewater", 2001, U. of Patras
17. Marazioti Constantina, "Dynamics of Mixed Denitrifying Cultures", 2003, U. of Patras
18. Drillia Panagiota , "Fate of pharmaceuticals in soils, natural waters and wastewater treat,ment processes", 2005, U. of Patras
19. Fountoulakis, Michael. "Fate and Impact of xenobiotics on the anaerobic digestion of wastewaters and sludge", 2005, U.of Patras
20. Dokianakis Spyros, "Impact of Xenobiotic Compounds and dissolved oxygen on the nitrification process and optimization of nitrogen removal from municipal wastewaters", 2006 U.of Patras

21. Antonopoulou Georgia, "Development of an Integrated Process for the Production of Hydrogen and Biogas from a Sweet Sorghum Energy Crop" , 2006, U.of Patras
22. Ntaikou Ioanna, "Production of Hydrogen from Synthetic Substrates and a Sweet Sorghum Energy Crop by a pure Culture of the fibrolytic bacterium Ruminococcus albus ", 2006 U.of Patras
23. Dravillas Constatinos, "Development of a two-stage system for the production of biogas from solid waste and biomass" , 2007, U.of Patras
24. Kalfas Haralambos, "Biogas production though the anaerobic digestion of pretreated and nonpretreated olive pulp", 2007, U.of Patras
25. Georgiopoulou Martha, " Development of Methods for the Selection of the Best Available Technology for Industrial Wastewater Treatment", 2007, University of Patras
26. Vlahos Panagiotis, "Development of Alternative Processes for the Disinfection and Deodorisation of Natural Corks", 2007, U.of Patras
27. Koutrouli Eleni, "Hydrogen production from olive pulp", 2008, U. of Patras
28. Blika Paraskevi, "Biotechnological Methods for Olive-mill Wastewater Treatment", 2009, U. of Patras
29. Pakou Constantina, «Fate of xenobiotics during sludge composting", 2010, U. of Patras
30. Vlassis Theofilos, "Processes for energetic valorization of glycerol with production of biogas, biohydrogen and/or electricity using a microbial fuell cell", 2011, U,of Patras
31. Venetsaneas Nikolaos, "Production of hydrogen and methane from cheese whey" , 2012, U. of Patras
32. Tremouli, Asimina, "Development of a Novel Microbial Fuel Cell Process for the energetic valorization of Liquid Wastes, 2013, U. of Patras
33. Galanopoulos Christos, "Optimization of natural wastewater treatment systems", 2013, University of Patras
34. Dounavis Athanassios, "Biotechnological Production of Hydrogen and Methane from Crude Glycerol", 2015, University of Patras
35. Michalopoulos Ioannis, Integrated valorization of organic solid wastes for the production of biogas in a pilot scale Periodic Anaerobic Baffled Reactor (PABR) and for the production of compost, 2017, National Technical University of Athens
36. Alexandropoulou Maria, "Production of gaseous biofuels from food industry wastes through biotechniological processes", 2017, National Technical University of Athens
37. Lytras Georgios-Marios, "Two-phase biotechnological removal of hexavalent chromium", 2018, National Technical University of Athens
38. Mathioudakis Dimitrios, " Development and Evaluationof alternative processes for the valorization of Food Waste" , 2022, National Technical University of Athens
39. Papanikola Kalliopi, "Development of a methodology for the assessment of the hazardous nature of municipal and industrial wastes in relation with hazardous properties HP3: Inflammable and HP12: Acute toxicity gas release",2022, National Technical University of Athens

40. Kamperidis Theophilos, "Modeling and Optimization of Microbial Fuel Cells", 2023, National Technical University of Athens
41. Kanellos Gerasimos, "Utilization of anaerobic and bio-electrochemical technologies for waste valorization and biogas upgrading", 2025, National Technical University of Athens
42. Pavlopoulos Charalampos, Valorization of End-of-Life Photovoltaic cells – evaluation of alternative uses", 2025, National Technical University of Athens
43. Filippou Konstantina, Valorization of biodegradable wastes for the production of bioplastics, , 2026, National Technical University of Athens

Διατριβές Master:

1. Jain, R., "Mathematical Modelling and Assessment of Optimal Operational Strategies for a Nitrogen-Removing Wastewater Treatment Plant", (1988), U. Florida
2. Hamilton, J., "Pilot-Plant Study for a Predenitrification System at the Kanapha WasteWater Treatment Plant "(1988), U. Florida
3. Antoniou, P., "Determination of Biokinetic Coefficients for Nitrification in the Activated Sludge Process "(1988), U. Florida
4. Rodin, B., "Effect of Transient Operation on the Behavior of Escherichia Coli and Development of an Appropriate Time-Delay Model", (1989), U.Florida
5. Βλάση Μ., "Απομάκρυνση Αζώτου από Αστικά Λύματα σε Αντιδραστήρα SBR",, 2000, Πανεπιστήμιο Πατρών
6. Βάντζος Ε., «Επίδραση της Αλατότητας στη Διεργασία της Καθίζησης», 1999, Πανεπιστήμιο Πατρών
7. Ρωξάνης Θ., «Επεξεργασία αποβλήτων βιομηχανίας ανακύκλωσης ορυκτελαίων», 2001, Πανεπιστήμιο Κρήτης
8. Φρούντα Κ., «Βιολογική επεξεργασία αποβλήτων Βαφείου», 2001, Πανεπιστήμιο Κρήτης
9. Κωνσταντινίδου Γεωργία, «Ανάπτυξη διεργασιών απομάκρυνσης του φαινολικού φορτίου αποβλήτων ελαιουργείων με βάση τους μύκητες λευκής σήψης», 2006, Πανεπιστήμιο Κρήτης
10. Φλέσσια Γεωργία « Βιολογική απομάκρυνση του αζώτου από υγρά απόβλητα μέσω παράκαμψης της παραγωγής νιτρικών σε αντιδραστήρα SBR»,2003, Παν/μιο Πατρών
11. Κακογιάννη Αλεξάνδρα « Επίδραση του κλάσματος αερισμού στην βιολογική αδαίρεση αζώτου απ΄πο αστικά λύματα σε σύστημα συστοιχίας αντιδραστήρων CSTR»,2003, Παν/μιο Πατρών
12. Παπάζογλου Χριστίνα, «Δυναμική συμπεριφορά αναερόβιων αντιδραστήρων τύπου CSTR για την παραγωγή βιοαερίου μέσω της διεργασίας της αναερόβιας χώνευσης», 2009, Παν/μιο Κρήτης
13. Κοψαχείλης Αλέξανδρος, «Αναερόβια χώνευση υγρών αποβλήτων ελαιοτριβείου σε ένα περιοδικό αναερόβιο αντιδραστήρα με ανακλαστήρες (PABR) και κλασματοποίηση των εκροών»,2009, Παν/μιο Πατρών
14. Μοσχοπούλου Σοφία, «Μελέτη της επίδρασης λειτουργικών παραμέτρων στην βιολογική απομάκρυνση αζώτου από αστικά λύματα σε μονάδα οξειδωτικής τάφρου», 2009, Παν/μιο Πατρών

15. Λύτρας Χρήστος, Σχεδιασμός αντιδραστήρα τύπου SBR για την βιολογική απομάκρυνση του αζώτου από υγρά απόβλητα νέσω παράκαμψης της παραγωγής νιτρικών σε υγρά απόβλητα, 2011, Παν/μιο Πατρών
16. Φωτίδης Ιωάννης, Διαχείριση και ενεργειακή αξιοποίηση υγρών αγροτικών αποβλήτων ζωικής προέλευσης – παραγωγή βιοκαυσίμων, ΕΑΠ,2012
17. Διαμαντόγλου Ιωάννης, ΔΙΑΧΕΙΡΙΣΗ ΝΟΣΟΚΟΜΕΙΑΚΩΝ ΑΠΟΒΛΗΤΩΝ - ΕΠΙΛΟΓΗ ΒΕΛΤΙΣΤΗΣ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΚΟΣΤΟΣ ΔΙΑΧΕΙΡΙΣΗΣ ΓΙΑ ΤΗΝ 1 Δ.Υ.ΠΕ ΑΤΤΙΚΗΣ, ΕΑΠ,2012
18. Νεμτσόβ Δημήτριος, ΑΝΑΕΡΟΒΙΑ ΧΩΝΕΥΣΗ ΖΩΪΚΩΝ ΥΠΟΠΡΟΪΟΝΤΩΝ, ΕΑΠ 2012
19. Γιώτης Νικόλαος, Σχεδιασμός και λειτουργία Μονάδας Παραγωγής Βιοαερίου από σύμμεικτα στερεά απόβλητα. Κοινωνικά και περιβαλλοντικά οφέλη, ΕΑΠ 2012.
20. Κιουτσόκωστας Ελευθέριος, «ΣΧΕΔΙΑΣΜΟΣ ΜΟΝΑΔΑΣ ΠΑΡΑΓΩΓΗΣ ΒΙΟΑΕΡΙΟΥ ΑΠΟ ΚΤΗΝΟΤΡΟΦΙΚΑ ΑΠΟΒΛΗΤΑ, ΖΩΙΚΑ ΥΠΟΠΡΟΙΟΝΤΑ & ΕΝΕΡΓΕΙΑΚΗ ΚΑΛΛΙΕΡΓΕΙΑ ΣΟΡΓΟΥ ΣΤΟΝ ΝΟΜΟ ΚΑΒΑΛΑΣ», ΕΑΠ 2013
21. Παπαχριστόπουλος Ευστάθιος, «ΠΡΟΚΑΤΑΡΚΤΙΚΗ ΠΕΡΙΒΑΛΛΟΝΤΙΚΗ ΕΚΤΙΜΗΣΗ ΚΑΙ ΑΞΙΟΛΟΓΗΣΗ ΧΩΡΟΥ ΔΙΑΘΕΣΗΣ ΑΔΡΑΝΩΝ ΥΛΙΚΩΝ ΓΙΑ ΤΗΝ ΑΠΟΚΑΤΑΣΤΑΣΗ ΔΗΜΟΣΙΑΣ ΔΑΣΙΚΗΣ ΕΚΤΑΣΗΣ ΜΕ ΤΕΧΝΗΤΗ ΑΝΑΔΑΣΩΣΗ ΣΤΗ ΘΕΣΗ ΜΟΙΡΕΪΚΑ ΤΟΥ π. ΔΗΜΟΥ ΒΡΑΧΝΕΪΚΩΝ» , ΕΑΠ,2013
22. Ντάφλος Αλέξανδρος, «ΕΝΕΡΓΕΙΑΚΗ ΑΞΙΟΠΟΙΗΣΗ ΤΩΝ ΖΩΙΚΩΝ ΑΠΟΒΛΗΤΩΝ ΣΤΗΝ ΠΕΡΙΦΕΡΕΙΑ ΗΠΕΙΡΟΥ», ΕΑΠ, 2013
23. Τζώρτζη Μαρία, «Προεπεξεργασία γεωργικών υπολειμμάτων για παραγωγή βιοαερίου», ΕΑΠ, 2013
24. Koumelis I., “Biotechnological Production of Biopolymers from wastes”, “2014”
25. Αναστασάκη Β., “ΔΙΑΧΕΙΡΙΣΗ ΑΠΟΒΛΗΤΩΝ ΙΑΤΡΕΙΩΝ”, ΕΑΠ, 2014
26. Δουλάλας Γ. , «ΔΙΑΧΕΙΡΙΣΗ ΑΠΟΒΛΗΤΩΝ ΧΟΙΡΟΤΡΟΦΕΙΟΥ ΜΕ ΕΜΦΑΣΗ ΣΤΗΝ ΑΞΙΟΠΟΙΗΣΗ ΤΟΥΣ», ΕΑΠ, 2014
27. Γληγόρη Μ. «ΕΛΕΓΧΟΣ ΕΚΠΟΜΠΩΝ ΒΙΟΑΕΡΙΟΥ ΕΝΟΣ ΧΥΤΑ», ΕΑΠ,2014
28. Βάρκας, Α. «ΣΥΝΔΙΑΧΕΙΡΙΣΗ ΤΩΝ ΑΓΡΟΤΙΚΩΝ ΚΑΙ ΚΤΗΝΟΤΡΟΦΙΚΩΝ ΑΠΟΒΛΗΤΩΝ ΜΕ ΣΤΟΧΟ ΤΗΝ ΕΝΕΡΓΕΙΑΚΗ ΑΞΙΟΠΟΙΗΣΗ: Η ΠΕΡΙΠΤΩΣΗ ΤΗΣ ΛΕΣΒΟΥ», ΕΑΠ,2015
29. Μαρκουλής Α., «Διαχείριση Αποβλήτων στο Εθνικό Μετσόβιο Πολυτεχνείο», ΕΑΠ, 2015
30. Ρόκκα Χ, «ΔΙΑΧΕΙΡΙΣΗ ΤΩΝ ΦΑΡΜΑΚΕΥΤΙΚΩΝ ΑΠΟΒΛΗΤΩΝ ΚΑΙ ΤΩΝ ΠΕΡΙΒΑΛΛΟΝΤΙΚΩΝ ΕΠΙΠΤΩΣΕΩΝ ΤΟΥΣ», ΕΑΠ,2015
31. Κρητικός Β., «ΑΝΑΠΤΥΞΗ ΣΥΣΤΗΜΑΤΟΣ ΔΙΑΧΕΙΡΙΣΗΣ ΣΤΕΡΕΩΝ ΑΠΟΒΛΗΤΩΝ ΓΙΑ ΤΟ ΝΟΜΟ ΣΑΜΟΥ, ΜΕ ΕΜΦΑΣΗ ΣΤΗΝ ΑΝΑΚΥΚΛΩΣΗ», ΕΑΠ, 2015
32. Δρατζίδη Χ., «Η ΔΙΑΧΕΙΡΙΣΗ ΤΩΝ ΣΤΕΡΕΩΝ ΑΠΟΒΛΗΤΩΝ ΤΩΝ ΚΛΩΣΤΟΫΦΑΝΤΟΥΡΓΙΚΏΝ ΠΡΟΪΟΝΤΩΝ ΚΑΙ Η ΑΝΑΚΥΚΛΩΣΗ ΥΦΑΣΜΑΤΩΝ ΣΤΗΝ ΕΛΛΑΔΑ», ΕΑΠ, 2017
33. Αργύρη Ε. , «ΟΛΟΚΛΗΡΩΜΕΝΟ ΣΧΕΔΙΟ ΔΙΑΧΕΙΡΙΣΗΣ ΚΕΝΩΝ ΣΥΣΚΕΥΑΣΙΩΝ ΤΩΝ ΠΡΟΪΟΝΤΩΝ ΦΥΤΟΠΡΟΣΤΑΣΙΑΣ ΣΤΟ ΝΟΜΟ ΒΟΙΩΤΙΑΣ», ΕΑΠ, 2017
34. Δημοπούλου Ι., ’Τεχνικές και Δυνατότητες Ανακύκλωσης Χαρτιού”
35. Κουλετάκης Κ., ΣΥΓΚΡΙΤΙΚΗ ΑΝΑΛΥΣΗ ΚΥΚΛΟΥ ΖΩΗΣ (LCA) ΠΡΟΪΟΝΤΩΝ ΟΙΚΙΑΚΗΣ ΦΡΟΝΤΙΔΑΣ ΜΙΑΣ ΒΙΟΜΗΧΑΝΙΚΗΣ ΜΟΝΑΔΑΣ, ΔΠΜΣ Παραγωγή και Διαχείριση Ενέργειας, ΕΜΠ, 2024

36. Λεουνάκης Ν., Μελέτη του Ανθρακικού Αποτυπώματος μιας Βιομηχανικής Μονάδας Παραγωγής Προϊόντων Οικιακής Χρήσης, ΔΠΜΣ Παραγωγή και Διαχείριση Ενέργειας, ΕΜΠ, 2024

3. ΔΙΟΙΚΗΤΙΚΟ ΕΡΓΟ

Εθνικό Μετσόβιο Πολυτεχνείο

1. Μέλος της Συγκλητικής Επιτροπής Προπτυχιακών Σπουδών, 2014-σήμερα
2. Συντονιστής Επιτροπής Προγράμματος Σπουδών 2014-2016

Πανεπιστήμιο Πατρών

1. Αντιπρύτανης Πανεπιστημίου Πατρών, 1994-1997
2. Πρόεδρος Χημικών Μηχανικών, 1999-2003
3. Πρόεδρος Επιτροπής Πολιτιστικής Ανάπτυξης, 1995-1997, 2000-2003
4. Πρόεδρος Γραφείου Διαμεσολάβησης και Καινοτομιών, 1995-1997
5. Πρόεδρος Γραφείου Διεθνών Σχέσεων, 1995-1997
6. Αναπληρωματικό μέλος Επιτροπής Ερευνών
7. Πρόεδρος Θεατρικών Σπουδών (1996-1997)

University Florida

- *Department Service:*

    1. Seminar Coordinator, Spring 1987, Spring 1988
    2. Qualifying Examinations Committee
    3. Computer Departmental Committee
    4. Chairman Search Committee
    5. Faculty Search Committee
    6. Chairman of the proposal committee for 3 graduate students and member of the proposal committee for over 15 students
    7. Graduate Student Admissions

- *College of Engineering Service:*

    Engineering Library Committee

- *University Service:*

1. Biotechnology "Task Force," Spring 1986-Spring 1987 Committee that formed the Interdisciplinary Center for Biotechnology Research
2. Biotechnology Seminar Committee
3. Patent Committee on Chemical Compounds, Compositions and Processes, 1987-1990

4. Διοργάνωση Συνεδρίων και Summer Schools

Διοργάνωση Διεθνών Συνεδρίων

1. Engineering for Waste Valorisation WasteEng08, Πάτρα 3-5 Ιουνίου 2008
2. Protection and Resoration of the Environment 9, Κεφαλονιά 29/6-3/7,2008
3. INTERNATIONAL SYMPOSIUM ON CONSTRUCTED WETLANDS & SMALL DECENTRALIZED WASTEWATER TREATMENT PLANTS, ISCW2019, 29th-31st August 2019, Patras, Greece
4. Wastewater Treatment Technologies and Environmental Impact, Olympia Village Hotel, July 2019
5. 1st SUSTENS conference - Advances in Sustainable Engineering Systems, 4-5 June 2025.

Διοργάνωση Ελληνικών Συνεδρίων

1. 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, Ιούνιος 2003
2. 7ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, Ιούνιος 2009