

Sotiris Lycourghiotis, PhD

Nationality: Greek

Foreign languages: English

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(Citations: 357 / h-index:10 / i10-index: 10, google scholar)



EDUCATION:

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| 2007 | Diploma in Civil Engineering / Department of Civil Engineering, University of Patras, Greece |
| 2009 | MSc / Course: Water Resources and Environment / Thesis title: <i>Sea Surface Topography in the Gulf of Patras and the Southern Ionian Sea with GPS-on-boat methodology</i> |
| 2020 | Phd entitled: " <i>Geographical exploration with GIS of Greek minerals suitable for the development of catalysts for the production of biofuels</i> ", Hellenic Open University |
| 2024 | Postdoctoral research entitled: " <i>Mathematical optimization of geoid models using GPS/GNSS sea surface measurements</i> ", Hellenic Open University |

TEACHING EXPERIENCE:

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| 2011-Today | Adjunct Professor in the Department of Civil Engineering, University of Peloponnese / Teaching in courses: Surveying, Special Topics in Surveying – Modern Surveying Techniques, Traffic Engineering and Transportation Systems, Road Construction / Supervision in > 50 dissertations |
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LABORATORY EXPERIENCE:

Laboratory experience in: BET, BJH / XRD / FT-IR, ATR / SEM / TEM, HPTEM / TPR-H₂ / Chromatography

FIELD EXPERIENCE:

Several GNSS field campaigns in cooperation with UNAVCO and with Ecole Normale Supérieure / Activity including campaign planning, measurements, instrument deployment and permanent station maintenance (station communications, instrument replacement and calibration).

SKILLS:

Knowledge of GIS software: arcGIS, QGIS / Knowledge of signal processing and programming software (Fortran, Basic, Matlab, Origin) / Knowledge of GPS processing Software (Topcon Tools, Leica Geo Office Combined) / Knowledge of design and mapping software: Surfer, Autodesk AutoCAD, Adobe Photoshop)

PARTICIPATION IN RESEARCH PROJECTS:

- (2007) Collection of seismological data from the South Ionian Sea area - University of Patras, USL, D.E.H.
- (2008) Installation of a Fixed Network for the Study and Monitoring of the Nisyros Volcano - University of Patras, University of Thessaloniki

- (2008) Design and installation of a Geodetic Network in Western Achaia for the Study and Monitoring of Seismic Sources - University of Patras, Georgia Tech University
- (2008) Collection of geological data after the Andravida earthquake of June 2008 - University of Patras
- (2008-2009) Development of a Real Time Telemetric Low Cost GPS Satellite System for local ground deformation monitoring" funded by PENED 2003 (EPAN)
- (2010) Design, installation and measurement of a GPS geodetic network for the observation of tectonic movements in Kefalonia - University of Patras, Georgia Tech University
- (2010-2014) Collection of Geodetic observations of Santorini Volcano - I.M.P.H.S., University of Patras, Georgia Tech University
- (2010) Installation of a fixed GPS geological observation network in the area of Kefalonia and Ithaca - University of Patras, Ecole Normale Supérieure
- (2018) Participation as a fellow of FORTH/ICE-HT in the framework of the project "MATERIALS AND PROCESSES FOR ENERGY AND ENVIRONMENTAL APPLICATIONS (AENAO)"
- (2020-21) "Utilization of Greek minerals for the production of green diesel from residual fatty raw materials", code 80046, funded by the EID of the OP "Human Resource Development, Education and Lifelong Learning" / Ministry of Development and Investments - Human Resource Development, Education and Lifelong Learning - National Strategic Reference Framework (NSRF) and European Social Fund (ESF)
- (2021-2024) Postdoctoral researcher in the project "Mathematical optimization of geoid models using GPS/GNSS sea surface measurements" code: 80275 (ELKE E.A.P.)

BOOKS:

1. Lykourgiotis A., Kordoulis C., Lykourgiotis S. "Beyond fossil fuels. The journey back to renewable energy", University of Crete Publications, 2017 (ISBN 978-960-524)
2. Lykourgiotis S. "From Eratosthenes to satellites. Methods and instruments in modern geodesy and topography", Achaïkes Publications, 2020. ISBN: 978-960-7960-64-1
3. Lykourgiotis S. "Marine Topography: Development & evolution of the GNSS-on-boat method", To Dondi, 2023, ISBN: 978-618-5387-99-0
4. Lykourgiotis S. "Panoptical Topography", Amilios, 2023, ISBN: 978-618-00-4830-8

PUBLICATIONS:

1. **Lykourgiotis, S. A., & Stiros, S. C.** (2013). Coastal Flooding Hazard in Low-Tide and High-Tide Coasts: Evidence from the North Aegean Coast. *Coastal Hazards* (pp. 231-243). Springer, Dordrecht. (Scopus) DOI: 10.1007/978-94-007-5234-4_9
2. **Lykourgiotis S., Stiros S.,** "Sea Surface Topography in the Gulf of Patras and the Southern Ionian Sea using GPS", *Bull. Geo. Soc. Greece*, XLIII (2), pp. 1029-1034, 2010
3. **Lykourgiotis S., Stiros S.** "Meteorological tide and food risk at the Aegean basin", In: Proceedings, 4th congress, management and improvement of coastal zones, Lesvos, Greece, September 23-27, 2008, pp. 63-73.
4. Newman, A. V., Stiros S., Feng L., Farmer G. T., Psimoulis P., Moschas F., and **Lykourgiotis S.** (2008). "Strong rupture and post-seismic response of the 8 June 2008

Andravida earthquake in western Peloponnese, Greece”, in: 31st General Assembly, European Seismol. Commission, Crete, Greece, pp. 321.

5. **Lycourghiotis S.**, Kontoni D.-P.N., “Analysing the Flood Risk in Mediterranean Coastal Areas with a New Methodology”, 5th International Conference from Scientific Computing to Computational Engineering, Athens, Greece, 4-7 July 2012, Vol. I, pp. 74-79. ISBN SET: 978-960-98941-9-7, ISBN Vol. I: 978-618-80115-0-2.
6. **Lycourghiotis S.**, Kontoni D.-P.N., “Flood phenomena in the Aegean and Ionian Sea on the 25th December 2009 and 1st January 2010: a numerical analysis of the surge amplitude”, 5th International Conference from Scientific Computing to Computational Engineering, Athens, Greece, 4-7 July 2012, Volume II, pp. 263-268. ISBN SET: 978-960-98941-9-7, ISBN Vol. II: 978-618-80115-1-9.
7. **Lycourghiotis S.**, Kontoni D.-P.N., “Topographic leveling, numerical simulation and digital video analysis of marina damage: Evidence from the 18th of April 2012 fierce storm”, 6th International Conference from Scientific Computing to Computational Engineering, Athens, Greece, 9-12 July 2014, Vol. II, pp. 505-510. ISSN: 2241-8865, ISBN SET: 978-618-80527-5-8, ISBN Vol. II: 978-618-80527-4-1.
8. **Lycourghiotis S.**, Didahos P., “Education and in-school violence: basic concepts of T.W. Adorno’ s philosophy”, XXIII World Congress of Philosophy, Volume 50, 2018, p.p. 369-375
9. **Lycourghiotis S.**, “Developing a GNSS-on-boat based technique to determine the shape of the sea surface” 7th International Conference on Experiments / Process / System Modeling / Simulation / Optimization, Athens, Greece, 5-8 July 2017, Vol. I, pp. 113-119. ISSN: 2241-9209, ISBN SET: 978-618-82173-2-4, ISBN Vol. I: 978-618-82173-3-1.
10. **Lycourghiotis S.**, “Sea surface topography determination. Comparing two alternative methods at the Gulf of Corinth” 7th International Conference on Experiments / Process / System Modeling / Simulation / Optimization, Athens, Greece, 5-8 July 2017, Vol. II, pp. 410-415. ISSN: 2241-9209, ISBN SET: 978-618-82173-2-4, ISBN Vol. II: 978-618-82173-4-8
11. **Lycourghiotis S.**, “Improvements of GNSS-on-boat methodology using a catamaran platform: application at the gulf of Patras” 7th International Conference on Experiments / Process / System Modeling / Simulation / Optimization, Athens, Greece, 5-8 July 2017, Vol. I, pp. 255-261. ISSN: 2241-9209, ISBN SET: 978-618-82173-2-4, ISBN Vol. I: 978-618-82173-3-1.
12. **Lycourghiotis S.**, Makarouni D., Kordouli E., Bourikas K., Kordulis C., Dourtoglou V., "Acid activated natural mordenite: characterization and evaluation in the transformation of limonene into p-cymene", in: Green Chemistry & Sustainable Development, 5th Panhellenic Conference, 20-22 October 2017, Patras, Greece.
13. **Lycourghiotis S.**, Kordouli E., Bourikas K., Kordulis C., "Green diesel production by hydrotreatment of cooked waste oils over nickel catalysts supported on Palygorskite", in: Green Chemistry & Sustainable Development, 5th Panhellenic Conference, 20-22 October 2017, Patras, Greece.
14. Makarouni D., **Lycourghiotis S.**, Kordouli E., Bourikas K., Kordulis C., Dourtoglou V., "Investigation of the mechanism of a green transformation of limonene into p-cymene over acid activated natural Mordenite", in: Green Chemistry & Sustainable Development, 5th Panhellenic Conference, 20-22 October 2017, Patras, Greece.

15. Makarouni, D., **Lycourghiotis, S.**, Kordouli, E., Bourikas, K., Kordulis, C., & Dourtoglou, V. (2018). Transformation of limonene into p-cymene over acid activated natural mordenite utilizing atmospheric oxygen as a green oxidant: A novel mechanism. *Applied Catalysis B: Environmental*, 224, 740-750. <https://doi.org/10.1016/j.apcatb.2017.11.006> [IF: 22.1]
16. **Lycourghiotis S.**, Makarouni, D., Kordouli, E., Bourikas, K., Kordulis, C., & Dourtoglou, V. (2018). Activation of natural mordenite by various acids: Characterization and evaluation in the transformation of limonene into p-cymene. *Molecular Catalysis*, 450, 95-103 <https://doi.org/10.1016/j.mcat.2018.03.013> [IF: 4.6]
17. **Lycourghiotis, S.**, Makarouni, D., Kordouli, E., Bourikas, K., Kordulis, C., & Dourtoglou, V. (2019). Transformation of limonene into high added value products over acid activated natural montmorillonite. *Catalysis Today*. <https://doi.org/10.1016/j.cattod.2019.04.036> [IF: 5.3]
18. **Lycourghiotis, S.**, Kordouli, E., Sygellou, L., Bourikas, K., & Kordulis, C. (2019). Nickel catalysts supported on palygorskite for transformation of waste cooking oils into green diesel. *Applied Catalysis B: Environmental*, 259, 118059. <https://doi.org/10.1016/j.apcatb.2019.118059> [IF: 22.1]
19. **Lycourghiotis S.**, “Social centers as alternative forms of organization” in: 3rd conference of the Transnational Institute of Social Ecology [TRISE], Patras, Greece, 28-31 August 2015
20. **Lycourghiotis S.**, Laboura A., Chalkia A., “Bicycle and city. The example of Patras and a cycle path suggestion”, in: 4th conference of the Transnational Institute of Social Ecology [TRISE] Thessaloniki, Greece, 1 - 3 September 2017
21. **Lycourghiotis, S.** (2019) Climate change and second-generation biofuels. The dilemma between mass production and local production. A geographic approach to the problem. In: Transnational Institute of Social Ecology - TRISE's 2019 Conference, Athens, Greece, 25 – 27 October 2019
22. Poulados G., Petratos D., **Lycourghiotis S.**, “Observations on the relationship between cartography and authority”, in: Forschungswerkstatt Kritische Geographie, 15-18 June 2017, Bremen
23. **Lycourghiotis S.**, Poulados G., (2021) "Panoptic Geography - Man and Nature under Surveillance: The issue of freedom in the age of new satellite techniques", in Book: *Natures and Energies beyond the Shadow of the State*, vol. 3, Editors: Simon Springer, Jennifer Mateer and Maleea Acker.
24. **Lycourghiotis S.**, (2019) Space and Time, Geography and History. The Epistemological Facet in the Conflict. In: Russian Revolution congress: Theoretical Approaches and Open Questions, Athens, Greece, 12-14 April 2019
25. **Λυκουργιώτης Σ.**, (2010) Η περιπέτεια της έννοιας της ολότητας στον αρχιτεκτονικό σχεδιασμό του 20ου αιώνα, *6ο Πανελλήνιο Συνέδριο Ολιστικής Αρχιτεκτονικής και Οικολογικής Δόμησης*, Χαλκίδα, Ελλάδα, 17-19 Δεκεμβρίου 2010
26. **Λυκουργιώτης Σ.**, Καλημέρης Κ., (2017) Χάος και η έννοια του φυσικού νόμου, *Πανελλήνιο Συνέδριο Αυτοκριτική της Επιστήμης*, Πανεπιστήμιο Πατρών, Πάτρα, Ελλάδα, 28-29 Απριλίου 2017

27. Πετράτου Δ., **Λυκουργιώτης Σ.**, (2017) Προκαταρτικές παρατηρήσεις πάνω στη σχέση χαρτογραφίας και εξουσίας”, Πανελλήνιο Συνέδριο *Αυτοκριτική της Επιστήμης*, Πανεπιστήμιο Πατρών, Πάτρα, Ελλάδα, 28-29 Απριλίου 2017
28. Μακαρούνη Δ., **Λυκουργιώτης Σ.**, Κορδούλη Ε., Μπουρίκας Κ., Κορδούλης Χ., Ντουρντόγλου Β., (2018) Ανάπτυξη φυσικών καταλυτών για την παραγωγή πράσινων προϊόντων: παραγωγή π-κυμενίου από λιμονένιο στην επιφάνεια φυσικού μπορντενίτη ενεργοποιημένου με οξέα, *15^ο Πανελλήνιο Συμπόσιο Κατάλυσης*, Ιωάννινα, Ελλάδα, 18-20 Οκτωβρίου 2018
29. **Λυκουργιώτης Σ.**, Κορδούλη Ε., Συγκέλου Α., Μπουρίκας Κ., Κορδούλης Χ., (2018) Παραγωγή πράσινου ντίζελ από τηγανέλαια καταλυόμενη από στηριγμένα νανοσωματίδια νικελίου σε ορυκτό παλγγοσκίτη: Σύνθεση, φυσικοχημικός χαρακτηρισμός και αξιολόγηση, *15^ο Πανελλήνιο Συμπόσιο Κατάλυσης*, Ιωάννινα, Ελλάδα, 18-20 Οκτωβρίου 2018
30. Lycourghiotis, S., (2020). The Fluid Geography of Rubbish: An Analysis of the Patras Refugee Camp (1999–2009). *Worldwide Waste: Journal of Interdisciplinary Studies*, 3(1), p.8. (Scopus) DOI: <http://doi.org/10.5334/wwwj.34> [IF: 1.3]
31. **Lycourghiotis, S.**, Makarouni, D., Kordouli, E., Bourikas, K., Kordulis, C., & Dourtoglou, V. (2020). The influence of calcination on the physicochemical properties of acid activated natural mordenite. *Current Catalysis*, 9(2), 138-147. DOI: 10.2174/2211544709999200430003940 [IF: 0.4]
32. **Lycourghiotis S.**, Kordouli, E., Kordulis, C., & Bourikas, K. (2021). Transformation of residual fatty raw materials into third generation green diesel over a nickel catalyst supported on mineral palygorskite. *Renewable Energy*, 180, 773-786. <https://doi.org/10.1016/j.renene.2021.08.059> [IF: 8.7]
33. Kordouli, E., Nikolopoulos I., Mourgkogiannis N., **Lycourghiotis, S.**, Petropoulos G., Zafeiropoulos J., Karapanagioti H., Bourikas K., Kordulis C., Lycourghiotis A., (2020) Developing Ni based catalysts for green diesel production, in: *Catalysis Virtual Summit 2020, Webinar on Catalysis and Chemical Science*, 29 August, 2020
34. **Λυκουργιώτης Σ.**, (2020). Η (ιδεολογική) απεικόνιση της αρχαιότητας στη (σχολική και μη) χαρτογραφία του νεοελληνικού κράτους. *Συνέδριο "Οι χρήσεις της ελληνικής αρχαιότητας στη σύγχρονη Ελλάδα"*, *Ιόνιο Πανεπιστήμιο & Κέντρο Έρευνα για τις Ανθρωπιστικές Επιστήμες*, Dec 5, 2020
35. **Λυκουργιώτης Σ.**, Κορδούλη Ε., Μπουρίκας Κ., Κορδούλης Χ. (2021) Μικροτοπογραφική μέθοδος προσδιορισμού δραστικής επιφάνειας στηριγμένων νανοσωματιδίων, *1^ο Διαδικτυακό Συνέδριο Νέων Επιστημόνων «Ορυκτοί Πόροι-Περιβάλλον-Χημική Μηχανική»*, Κοζάνη, 26-28 Φεβρουαρίου 2021
36. **Λυκουργιώτης Σ.**, Κορδούλη Ε., Μπουρίκας Κ., Κορδούλης Χ. (2021) GIS και χωρική ανάλυση για τη βέλτιστη περιβαλλοντική αξιοποίηση υπολειμματικών πρώτων υλών, *1^ο Διαδικτυακό Συνέδριο Νέων Επιστημόνων «Ορυκτοί Πόροι-Περιβάλλον-Χημική Μηχανική»*, Κοζάνη, 26-28 Φεβρουαρίου 2021
37. **Lycourghiotis, S.** (2021). Sea Topography of the Ionian and Adriatic Seas Using Repeated GNSS Measurements. *Water*, 13(6), 812. <https://doi.org/10.3390/w13060812> [IF: 3.4]
38. **Lycourghiotis S.**, Kordouli E., Bourikas K., & Kordulis, C. (2021). Production of green diesel from residual vegetable oils and animal fats using a nickel/palygorskite catalyst. 8th

International Conference on Engineering for Waste and Biomass Valorization. May 31 – June 4, 2021 in VIRTUAL MODE

39. **Lycourghiotis S.**, Kalimeris K., (2021). Steps to chaos: Reflections of scientific change in art (late 19th to late 20th century). 2nd European Society for the History of Science (ESHS) Conference, 20-22 September 2021, Athens
40. Galani P., **Lycourghiotis S.**, Kariotou F. (2021), On the determination of a locally optimized ellipsoidal model of the geoid surface in sea areas, in: *7th World Multidisciplinary Earth Sciences Symposium (WMESS 2015)*, Prague, 6 - 10 September 2021 (Scopus) DOI: 10.1088/1755-1315/906/1/012036
41. **Lycourghiotis S.**, Mpelogianni, V., & Groumpos, P. P. (2021). Smart Cities and Intelligent Transportation in Traditional Cities. Ten Design Principles and One Case Study. In *2021 12th International Conference on Information, Intelligence, Systems & Applications (IISA)* (pp. 1-7). IEEE. 978-1-6654-0032-9/21. (Scopus) DOI: 10.1109/IISA52424.2021.9555519
42. Fani, K., **Lycourghiotis, S.**, Bourikas, K., & Kordouli, E. (2021). Biodiesel Upgrading to Renewable Diesel over Nickel Supported on Natural Mordenite Catalysts. *Industrial & Engineering Chemistry Research*, 60(51), 18695-18706. <https://doi.org/10.1021/acs.iecr.1c02560> [IF: 7.6]
43. Crawford, E.P., **Lycourghiotis, S.** (2021) Green Redesign of Public Transportation and Urban Public Space using G.I.S., in: *2nd International Conference on Environmental Design*. ICED2021, 23-24 October 2021, Virtual
44. **Lycourghiotis, S.**, Kordouli, E., Zafeiropoulos, J., Kordulis, C., & Bourikas, K. (2022). Mineral Montmorillonite Valorization by Developing Ni and Mo–Ni Catalysts for Third-Generation Green Diesel Production. *Molecules*, 27(3), 643. <https://doi.org/10.3390/molecules27030643> [IF: 4.6]
45. **Lycourghiotis, S.**, Kalapodis, N. A., Kakavas-Papaniaros, P. A., (2023) Characterization of the Historical Mortars Concerning Ancient Monuments-Experimental Approach, *submitted*
46. Crawford, E.P., **Lycourghiotis, S.** (2022) Increasing the public space ratio (PSR) using G.I.S., In *2022 13th International Conference on Information, Intelligence, Systems & Applications (IISA)* (pp. 1-7). (Scopus) DOI: 10.1109/IISA56318.2022.9904359
47. **Lycourghiotis, S.**, (2022). Trends in renewable energy: an overview. *Global NEST Journal*, 24(3), <https://doi.org/10.30955/gnj.004286> [IF: 1.13]
48. **Lycourghiotis, S.**; Kariotou, F. (2022) The “GPS/GNSS on Boat” Technique for the Determination of the Sea Surface Topography and Geoid: A Critical Review. *Coasts* 2022, 2, 323–340. <https://doi.org/10.3390/coasts2040016>
49. **Lycourghiotis, S.**, Kordouli, E., Bourikas, K., Kordulis, C., & Lycourghiotis, A. (2023). The role of promoters in metallic nickel catalysts used for green diesel production: A critical review. *Fuel Processing Technology*, 244, 107690. <https://doi.org/10.1016/j.fuproc.2023.107690> [IF: 7.5]
50. Filippidou S., Price A., Spencer-Jones C., Scales A., Franchi F., Lebogang L., Cavalazzi B., **Lycourghiotis S.**, Pearson V., Schwenzer S., Olsson-Francis K., (2022) Water Content Is a Diversity and Survival Driver on the Microbial Communities of the Makgadikgadi Salt Pan, in: *18th International Symposium on Microbial Ecology (ISME18)*, 14-19 August 2022, Lausanne, Switzerland

51. **Lycourghiotis, S.**, (2023) Green transition, localization and renewable energy, in *2nd International Meet on Renewable and Sustainable Energy*. RENEWABLEMEET2023. MARCH 13-15, 2023. Rome, Italy
52. **Lycourghiotis, S.**; Kariotou, F. (2023) On the locally best fitted ellipsoidal model in pacific and Indian ocean, in: *8th World Multidisciplinary Earth Sciences Symposium (WMESS 2023)*, Prague, 28 August - 01 September 2023
53. **Lycourghiotis, S.**, Crawford, E.P., (2023) Design criteria for a cycleway network using GIS, topographic leveling and spatial analysis, in: *8th World Multidisciplinary Earth Sciences Symposium (WMESS 2023)*, Prague, 28 August - 01 September 2023
54. **Lycourghiotis, S.**, Crawford, E.P., Kariotou, F. (2023) A Study of The Geoid and Marine Topography In Lagoons, in: *8th World Multidisciplinary Earth Sciences Symposium (WMESS 2023)*, Prague, 28 August - 01 September 2023
55. Fani, K.; **Lycourghiotis, S.**; Bourikas, K.; Kordouli, E. (2023) Influence of Natural Mordenite Activation Mode on Its Efficiency as Support of Nickel Catalysts for Biodiesel Upgrading to Renewable Diesel. *Nanomaterials* 2023, 13, 1603. <https://doi.org/10.3390/nano13101603> [IF: 5.3]
56. Fani K., **Lycourghiotis S.**, Bourikas K., Kordouli E., (2023) Influence of natural mordenite activation mode on its efficiency as support of nickel catalysts for biodiesel upgrading to renewable diesel, in: *EUROPACAT 2023, 15th European Congress on Catalysis*, 27 August - 1 September 2023, Prague, Czech Republic
57. Fani K., **Lycourghiotis S.**, Kordouli E., Kordulis C., Bourikas K., (2023) Promoted nickel catalysts supported on palygorskite for green diesel production, in: *EUROPACAT 2023, 15th European Congress on Catalysis*, 27 August - 1 September 2023, Prague, Czech Republic
58. Filippidou S., Price A., Spencer-Jones C., Scales A., Franchi F., Lebogang L., Cavalazzi B., **Lycourghiotis S.**, Pearson V., Schwenzer S., Olsson-Francis K., (2023) Microbial community composition of an evaporitic, alkaline, arid ecosystem: the Makgadikgadi Salt Pans, Botswana [*under revision*]
59. **Λυκουργιώτης Σ.**, Καλαπόδης Ν., Κακαβάς – Παπανιάρος Π., (2022) Διάβρωση και φυσικοχημικός χαρακτηρισμός ιστορικών κονιαμάτων: στοιχεία από ναό του 19ου αιώνα, *6ο Πανελλήνιο Συνέδριο Αναστηλώσεων*, Θεσσαλονίκη, 13-16 Οκτωβρίου 2022
60. Kordouli, E., **Lycourghiotis, S.**, Bourikas, K., Lycourghiotis, A., & Kordulis, C. (2024). Renewable diesel synthesis by hydro-processing in green solvents. *Current Opinion in Green and Sustainable Chemistry*, 100936. <https://doi.org/10.1016/j.cogsc.2024.100936> [IF: 9.3]
61. **Lycourghiotis S.**, (2024) GIS and spatial analysis in the utilization of residual biomass for biofuel production [*under revision*]
62. **Lycourghiotis, S.**, Kalapodis, N. A., Kakavas-Papaniaros, P. A., (2024) Physicochemical characterization and a GIS analysis of the historical mortar of the masonry concerning a 19th century monument. [*under revision*]
63. **Lycourghiotis, S.**, Crawford, E.P., (2024) The impact of climate change on the morphology of marine topography using GNSS, *International Conference on Basic Sciences and Technology (ICBAST)*, November 14-17, 2024, Antalya/Turkey