



PERSONAL INFORMATION

Name **DIMITRIOU ELIAS**
Address 46.7 km of Athens – Sounio Ave.,Anavissos, 19013, Greece.
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E-mail/web elias@hcmr.gr, <http://imbrwv.hcmr.gr/en/elias-dimitriou/>,
<https://scholar.google.gr/citations?user=xgshXr4AAAAAJ&hl=e>
<https://www.scopus.com/authid/detail.uri?authorId=9742534400>
Nationality Greek
Date of birth 26 / 09/ 1973

WORK EXPERIENCE

- Dates (from – to) **2013-2015**
- Name and address of employer European Research Council Executive Agency (ERCEA)
 - Type of business or sector Research Funding Agency
 - Occupation or position held Project advisor - Data Analysis Group of Unit B2 (Call Coordination).
 - Main activities and responsibilities Data Analysis support to Department B for call monitoring issues and to the Scientific Council for policy making

- Dates (from – to) **2013-TODAY**
- Name and address of employer Hellenic Open University
 - Type of business or sector University
 - Occupation or position held Associate Scientific Staff
 - Main activities and responsibilities Supervising postgraduate students' theses - Faculty of Science - Graduate Program Environmental Planning Infrastructure Projects

- Dates (from – to) **2004-TODAY**
- Name and address of employer Department of Inland Waters / Hellenic Centre for Marine Research (imbrwv.hcmr.gr)
 - Type of business or sector Public Research Center
 - Occupation or position held Researcher – project manager
 - Main activities and responsibilities Participating and/or managing EU and National Research projects in the fields of hydrology, water quality monitoring and assessment, biodiversity conservation, water resources management and ecohydrology.

- Dates (from – to) **2005-2007**
- Name and address of employer University of Ioannina, Department of *Environmental and Natural Resources Management*
 - Type of business or sector University
 - Occupation or position held Visitor Lecturer
 - Main activities and responsibilities Teaching Hydrology and Hydrogeology courses.

- Dates (from – to) **2003-2004**
- Name and address of employer Greek Ombudsman
 - Type of business or sector Independent Public Authority

- Occupation or position held
 - Main activities and responsibilities

Scientific expert

Audit Public authorities with respect to the legitimacy of their actions/ decisions.
Facilitator in citizens' and public bodies interactions.

- Dates (from – to)

2000-2003

- Name and address of employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities

Institute of Inland Waters / National Centre for Marine Research

Public Research Center

Research Assistant – external consultant

Assisting the development of Research projects and conducting eco-hydrological and water management studies.

EDUCATION AND TRAINING

- Dates (from – to)

2000-2005

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification (if appropriate)

University of Athens, Faculty of Sciences, Department of Geology, Greece

Contribution in the Sustainable Water Resources Management in Trichonis lake catchment

PhD

- Dates (from – to)

1998 – 1999

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification (if appropriate)

Lancaster University, UK

Environmental and Ecological Sciences

MSc

- Dates (from – to)

1992-1998

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification

University of Athens, Faculty of Sciences, Department of Geology, Greece

Geology

Diploma

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

OTHER LANGUAGES

GREEK

- Reading skills
- Writing skills
- Verbal skills

ENGLISH

Excellent

Excellent

Very Good

SPECIFIC ITEMS

PROJECT MANAGEMENT

National Project funded by the Ministry of Education, Title: Open ElioT - Open Internet of Things infrastructure for online environmental services. 2018 – 2020, <https://www.openeliot.com/en/>

National Project funded by the Asprofos SA, Title: 'Monitoring of water ecological status in surface waters for the IGI Poseidon project, 2018, <https://imbriw.hcmr.gr/en>

National Project funded by the Ministry of Environment, Title: Monitoring of the water ecological quality status in the surface water bodies of Greece. Water Framework Directive implementation (2000/60/EC). 2017-2023.
<http://imbriw.hcmr.gr/en/monitoring-and-recording-of-the-water-status-in-greece/>

National Project funded by the Ministry of Education, Title: System for the Assessment of Acceptable Ecological Flows in Rivers and Streams of Greece, 2013 - 2015, www.ecoflow.gr

National Project funded by the Ministry of Education, Title: 'Development of an integrated management framework of river basins and associated coastal and marine zone', 2012-2013, <http://imbriw.hcmr.gr>

National Project funded by the Ministry of Environment, Title: 'Ecological quality assessment in Pikrodafni Stream. Management and restoration measures', 2012 - 2013, http://imbriw.hcmr.gr/en/ecological-status_pikrodafni-water-body/

National Project funded by the Asprofos SA, Title: 'Monitoring of water ecological status in surface and ground- waters for the Trans Adriatic Pipeline project, 2012, <https://imbriw.hcmr.gr/en>

National Project funded by ELPE SA, Title: 'Ecological quality monitoring in Lake Koumoundourou. Management, restoration and recreation measures', 2010-2012, <http://imbriw.hcmr.gr/en/monitoring-of-ecological-water-quality-of-koumoundourou-lake/>

LIFE-Nature (LIFE '04/NAT/GR/000105), Title: «Actions for the conservation of the Mediterranean Temporary ponds in Crete», <http://imbriw.hcmr.gr/en/life-medponds/>, 2004-2008.

Marie Curie project (ECODOM), Title: 'Advancing understanding of carbon cycling and coloured dissolved organic matter dynamics in European wetlands & coastal ecosystems through integration of observations and novel modelling approaches', Year started: 2004, Duration: 48 months.

National Project funded by the Public Electricity Corporation – Scientific coordinator, Title: 'Environmental monitoring of N. Plastira Reservoir', Year started: 2009, Duration: 15 months, <http://imbriw.hcmr.gr/en/environmental-monitoring-in-plastiras-reservoir/>

National Project funded by Trans-Balkan Pipeline S.A., - Scientific coordinator, Title: 'Environmental pollution risk assessment of Evros river catchment', Year started: 2009, Duration: 12 months, Total budget: 55.000 Euros <http://imbriw.hcmr.gr/en/environmental-status-of-evros-river-catchment-pressures/>

National project funded by Elliniki Technodomiki Anemos SA, Title: 'Study of the Flood risk impacts from the construction of the Windmill Park in Ad. Dynati Kefallinias', 2008, www.hcmr.gr/inlandwaters

ESA AO project entitled: 'Using Remote Sensing Instruments for Groundwater Vulnerability and Pollution Risk mapping', AO3626

INDICATIVE PARTICIPATION IN PROJECTS

FP7 – EU DG Research, (MIRAGE), Title: 'Mediterranean Intermittent River ManAGEMENT', Research Assistant – Hydrologist, <http://www.mirage-project.eu/>

FP7 – EU DG Research, (SPICOSA), Title: ‘Science and Policy Integration for Coastal System Assessment’, Research Assistant – Hydrologist, <http://www.spicosa.eu/>

LIFE – Environment '05, (Envfriendly), Title: ‘Environmental Friendly Technologies for Rural Development’, Research Assistant, www.envfriendly.tuc.gr

LIFE-Nature (LIFE '99/NAT/GR/006499), Title: ‘Actions for the protection of the calcareous bogs/fens in Trichonis lake’, Research Assistant, <http://imbriw.hcmr.gr/en/life-trichonis/>

FAME (EVK1-2001-00094), Title: ‘Development, Evaluation and Implementation of a Standardised Fish-based Assessment Method for the Ecological Status of European Rivers: A Contribution to the Water Framework Directive’, Research Assistant

WASSER: ‘Utilization of ground water desalination and waste water reuse in the water supply of seasonally-stressed regions’, Research Assistant

JOURNAL REVIEWER

Reviewer in International, peer-reviewed Journals, some of which are:

- 1) Science of the Total Environment, Elsevier (40 reviews)
- 2) Environmental Earth Sciences - Springer, (19 reviews)
- 3) Journal of Hydrology – Elsevier, (10 reviews)
- 4) Remote Sensing – MDPI, (5 reviews)
- 5) Environmental Monitoring and Assessment, Springer, (4 reviews)
- 6) Water – MDPI (10 reviews)
- 7) Ecological Modelling - Elsevier, (2 reviews)
- 8) International Journal of Remote Sensing (2 reviews)
- 9) Canadian Journal of Remote Sensing,
- 10) Hydrobiologia - Springer,

Consulting Editor in the ‘Journal of Environmental Biology’ – JEB, Triveni Enterprises

More info: <https://publons.com/author/453894/elias-dimitriou#profile>

Distinctions - Award:

Member of the General Assembly of the Hellenic Foundation for Research and Innovation

Invited Member of the Scientific Committee of the XXXVIII IAH (International Association of Hydrogeologists) Congress in Krakow Poland (2010),

Best-Life project award for the Life-Nature project entitled: ‘Actions for the Conservation of Mediterranean Temporary Ponds in Crete’ – MEDPONDS, (project manager)

Post-doc fellowship from John S. Latsis Public Benefit Foundation. Project entitled: ‘Environmental Protection and Sustainable Use of Water in Nestos Delta region: Nitrates Pollution and Coastal Erosion Issues’ (2008),

Post-doc fellowship from the Hellenic State Scholarships Foundation. Project entitled: ‘Assessing groundwater vulnerability and risk methodologies and quantifying the relevant impacts from land use changes’ (2007),

Distinction in the Water Action Contest, under the 3rd World Water Forum held in Kyoto, in March 2003. The project entitled: ‘Sustainable Water Management and Environmental Protection’ was one of the 150 finalists of the contest.

Distinction (1st prize) in the best Greek scientific project of the year (2001) contest occurred under the International Forum: ‘Hydrorama 2002’ (organized by the Athens Water Supply Company (EYDAP)) organized in Athens, on March 2002

Computer software competences: Advance user of: MS Windows and Office, ArcGIS 10.1, Statistica, Wordpress, MIKE SHE, Adobe Photoshop, Blurb e-books
User of: Matlab, SPSS, Adobe Premiere, Dreamweaver, ENVI, Access Databases

Abstract profile: Dr. Elias Dimitriou is a Researcher with expertise in Water Resources Management, wetlands protection and biodiversity conservation. He received his BSc in Geology from the University of Athens and attended successfully the MSc in Environmental and Ecological Sciences at Lancaster University – UK, during the period 1998-1999. He started working as an external assistant at the National Centre for Marine Research (NCOMR) in the year 2000 with main tasks that included conducting hydrologic and water resources management studies with focus on the ecological water demands. In 2005, he undertook the leadership of a Life-Nature project (www.life-medponds.gr) which ended successfully in 2008 and received an one of the best Life-Nature project awards, at a European level. In 2007, he was granted a Post-doc fellowship from the Hellenic State Scholarships Foundation for a research project entitled: 'Assessing groundwater vulnerability and risk methodologies and quantifying the relevant impacts from land use changes'. He also became a visitor Lecturer at the University of Ioannina, Department of Environmental and Natural Resources Management and taught the modules of Hydrogeology and Hydrology for 3 consecutive semesters. At the same year (2007), he became a permanent Researcher in the Institute of Inland Waters - HCMR. So far in his research career, he has undertaken as a scientific coordinator, 3 European research projects, and 13 National while he participated as a research associate in 16 research projects (10 International and 6 National). He has published 60 scientific articles in peer-reviewed international journals, 55 articles and abstracts in conference proceedings, and 4 articles book chapters. He is a reviewer in more than 27 well known international scientific journals and proposal evaluator for the German Aerospace Center (DLR), Qatar National Research Foundation, Hellenic General Secretariat for Research and Technology, the Cyprus Research Promotion Agency, the Polish National Science Center and for the National Geographic Foundation.

Annexes Indicative Publications in International, peer-reviewed journals:

1. Panagopoulos, Y., **Dimitriou**, E., & Skoulikidis, N. (2019). Vulnerability of a Northeast Mediterranean Island to Soil Loss. Can Grazing Management Mitigate Erosion? *Water*, 11(7), 1491.
2. Mentzafou, A., & **Dimitriou**, E. (2019). Time Series Analysis of the Physicochemical Parameters and Meteorological Factors in a Mediterranean Lagoon. *Environmental Processes*, 6(1), 119–134.
3. Stefanidis, K., Papaioannou, G., Markogianni, V., & **Dimitriou**, E. (2019). Water Quality and Hydromorphological Variability in Greek Rivers: A Nationwide Assessment with Implications for Management. *Water*, 11(8), 1680.
4. Mentzafou, A., Conides, A., & **Dimitriou**, E. (2019). Climate change assessment impacts on the coastal area of Maliakos Gulf, Greece. *Journal of Water and Climate Change*.
5. Mentzafou, A., Panagopoulos, Y., & **Dimitriou**, E. (2019). Designing the National Network for Automatic Monitoring of Water Quality Parameters in Greece. *Water*, 11(6), 1310.
6. Papaioannou, G., Varlas, G., Terti, G., Papadopoulos, A., Loukas, A., Panagopoulos, Y., & **Dimitriou**, E. (2019). Flood Inundation Mapping at Ungauged Basins Using Coupled Hydrometeorological–Hydraulic Modelling: The Catastrophic Case of the 2006 Flash Flood in Volos City, Greece. *Water*, 11(11), 2328.
7. Mentzafou, A., Varlas, G., **Dimitriou**, E., Papadopoulos, A., Pytharoulis, I., & Katsafados, P. (2019). Modeling the Effects of Anthropogenic Land Cover Changes to the Main Hydrometeorological Factors in a Regional Watershed, Central Greece. *Climate*, 7(11), 129.

8. Mentzafou, A, & **Dimitriou**, E (2019). Nitrogen loading and natural pressures on the water quality of a shallow Mediterranean lake. *Science of The Total Environment*, 646, 134-143
9. Stamou, A, Polydera, A, Papadonikolaki, G, Martínez-Capel, F, Muñoz-Mas R., Papadaki Ch., Zogaris S., Bui M-D, Rutschmann P, **Dimitriou** E. (2018). Determination of environmental flows in rivers using an integrated hydrological-hydrodynamic-habitat modelling approach. *Journal of environmental management*, 209, 273-285
10. Markogianni, V, Kalivas, D, Petropoulos, G, & **Dimitriou**, E (2018). An Appraisal of the Potential of Landsat 8 in Estimating Chlorophyll-a, Ammonium Concentrations and Other Water Quality Indicators. *Remote Sensing*, 10(7), 1018
11. Styllas, M, **Dimitriou**, E, Gritzalis, K, Koutsodimou, M, Karaouzas, I, & ... (2018). Mid-Holocene changes in the geochemical and biotic conditions of an aquatic ecosystem, in Eastern Mediterranean. *Annales de Limnologie-International Journal of Limnology*, 54, 21
12. Markogianni, V, Anastasopoulou, E, Tsoupras, A, & **Dimitriou**, E (2018). Identification of Pollution Patterns and Sources in a Semi-Arid Urban Stream. *Journal of Ecological Engineering Vol*, 19, 2
13. Michalopoulos, D, & **Dimitriou**, E (2018). Assessment of Pollution Risk Mapping Methods in an Eastern Mediterranean Catchment. *Journal of Ecological Engineering*, 19(1)
14. Markogianni, V, Varkitzi, I, Pagou, K, Pavlidou, A, & **Dimitriou**, E (2017). Nutrient flows and related impacts between a Mediterranean river and the associated coastal area. *Continental Shelf Research*, 134, 1-14
15. Papadaki, C, Soulis, K, Ntoanidis, L, Zogaris, S, Dercas, N, & **Dimitriou**, E (2017). Comparative assessment of environmental flow estimation methods in a mediterranean mountain river. *Environmental management*, 60(2), 280-292
16. Papadaki, C, Bellos, V, Ntoanidis, L, & **Dimitriou**, E (2017). Comparison of West Balkan adult trout habitat predictions using a Pseudo-2D and a 2D hydrodynamic model. *Hydrology Research*, 48(6), 1697-1709
17. Mentzafou, A, Vamvakaki, C, Zacharias, I, Gianni, A, & **Dimitriou**, E (2017). Climate change impacts on a Mediterranean river and the associated interactions with the adjacent coastal area. *Environmental Earth Sciences*, 76(6), 259
18. **Dimitriou**, E, Moussoulis, E, Díaz-Paniagua, C, & Serrano, L (2017). Hydrodynamic numerical modelling of the water level decline in four temporary ponds of the Doñana National Park (SW Spain). *Journal of Arid Environments*, 147, 90-102
19. Papadaki, C, Soulis, K, Muñoz-Mas, R, Martinez-Capel, F, Zogaris, S, & ... (2016). Potential impacts of climate change on flow regime and fish habitat in mountain rivers of the south-western Balkans. *Science of the Total Environment*, 540, 418-428
20. Muñoz-Mas, R, Papadaki, C, Martinez-Capel, F, Zogaris, S, Ntoanidis, L, & ... (2016). Generalized additive and fuzzy models in environmental flow assessment: A comparison employing the West Balkan trout (*Salmo farioides*; Karaman, 1938). *Ecological Engineering*, 91, 365-377
21. Mentzafou, A, **Dimitriou**, E, & Zogaris, S (2016). Integrated ecological assessment and restoration planning in a heavily modified peri-urban Mediterranean lagoon. *Environmental Earth Sciences*, 75(11), 983
22. **Dimitriou**, E, & Mentzafou, A (2016). Assessing the impacts of climate and land use changes on the water quality of a transboundary Balkan River. *Water, Air, & Soil Pollution*, 227(6), 209
23. Markogianni, V, & **Dimitriou**, E (2016). Landuse and NDVI change analysis of Sperchios river basin (Greece) with different spatial resolution sensor data by Landsat/MSS/TM and OLI. *Desalination and Water Treatment*, 57(60), 29092-29103
24. Tsimpiri, A, & **Dimitriou**, E (2016). Alterations in precipitation and drought indices over the last thirty years in Peloponnese, Greece. *Eur Water*, 54, 27-41
25. Markogianni, V, Mentzafou, A, & **Dimitriou**, E (2016). Assessing the impacts of human activities and soil erosion on the water quality of Plastira mountainous Mediterranean Lake, Greece. *Environmental Earth Sciences*, 75(10), 915

26. Tzortziou, M, Zeri, C, **Dimitriou, E**, Ding, Y, Jaffé, R, Anagnostou, E, Pitta, E, & ... (2015). Colored dissolved organic matter dynamics and anthropogenic influences in a major transboundary river and its coastal wetland. *Limnology and oceanography*, 60(4), 1222-1240
27. Karaouzas, I, **Dimitriou, E**, Lampou, A, & Colombari, E (2015). Seasonal and spatial patterns of macroinvertebrate assemblages and environmental conditions in Mediterranean temporary ponds in Greece. *Limnology*, 16(1), 41-53
28. **Dimitriou, E**, Markogianni, V, Mentzafou, A, Karaouzas, I, & Zogaris, S (2015). Ecological status assessment of Pikrodafni stream (Attica, Greece), restoration and management measures. *Desalination and Water Treatment*, 56(5), 1248-1255
29. **Dimitriou, E**, & Tsintza, P (2015). Hydrogeologic investigations in western Crete by using isotopic analyses and GIS techniques. *Journal of Water Resource and Protection*, 7(12), 923
30. Yu, X, **Dimitriou, E**, Konstantinos, S, Markogianni, V, & Politi, D (2015). Effects of Yucca Shidigera Extract on the Reduction of Ammonia Concentration in Lake Koumoundourou. *Journal of Ecological Engineering*, 16(4)
31. Zogaris, S, Markogianni, V, Özeren, SC, & **Dimitriou, E** (2015). Assessment of riparian zone and river island conditions in a trans-boundary greenbelt: the Evros/Meriç river (Greece-Turkey). *Fresenius Environ. Bull*, 24, 269-277
32. Markogianni, V, **Dimitriou, E**, & Karaouzas, I (2014). Water quality monitoring and assessment of an urban Mediterranean lake facilitated by remote sensing applications. *Environmental monitoring and assessment*, 186(8), 5009-5026
33. Elias, D, Angeliki, M, Vasiliki, M, Maria, T, & Christina, Z (2014). Geospatial investigation into groundwater pollution and water quality supported by satellite data: A case study from the Evros River (Eastern Mediterranean). *Pure and Applied Geophysics*, 171(6), 977-995
34. Pitta, E, Zeri, C, Tzortziou, M, **Dimitriou, E**, Paraskevopoulou, V, & ... (2014). Dissolved organic matter cycling in eastern Mediterranean rivers experiencing multiple pressures. The case of the trans-boundary Evros River. *Mediterranean Marine Science*, 15(2), 398-415
35. Papadaki, C, Mentzafou, A, Ntoanidis, L, Zogaris, S, Evelpidou, N, & ... (2014). Habitat hydraulic modeling for assessing changes of mesohabitat types in a Greek mountain river. *N. Am. J. Fish. Manage*, 20, 408-435
36. Markogianni, V, **Dimitriou, E**, & Kalivas, DP (2013). Land-use and vegetation change detection in Plastira artificial lake catchment (Greece) by using remote-sensing and GIS techniques. *International journal of remote sensing*, 34(4), 1265-1281
37. Picciotti, E, Marzano, FS, Anagnostou, EN, Kalogiros, J, Fessas, Y, Volpi, A, & ... (2013). Coupling X-band dual-polarized mini-radars and hydro-meteorological forecast models: the HYDRORAD project. *Natural Hazards and Earth System Sciences*, 13(5), 1229-1241
38. **Dimitriou, E**, Mentzafou, A, Zogaris, S, Tzortziou, M, Gritzalis, K, Karaouzas, I, & ... (2012). Assessing the environmental status and identifying the dominant pressures of a trans-boundary river catchment, to facilitate efficient management and mitigation practices. *Environmental Earth Sciences*, 66(7), 1839-1852
39. Skoulikidis, NT, Vardakas, L, Karaouzas, I, Economou, AN, **Dimitriou, E**, & ... (2011). Assessing water stress in Mediterranean lotic systems: insights from an artificially intermittent river in Greece. *Aquatic Sciences*, 73(4), 581
40. **Dimitriou, E**, & Moussoulis, E (2011). Land use change scenarios and associated groundwater impacts in a protected peri-urban area. *Environmental Earth Sciences*, 64(2), 471-482
41. **Dimitriou, E** (2011). Overland flow. *Encyclopedia of Agrophysics*, 536
42. Ghosn, D, Vogiatzakis, IN, Kazakis, G, **Dimitriou, E**, Moussoulis, E, Maliaka, V, & ... (2010). Ecological changes in the highest temporary pond of western Crete (Greece): past, present and future. *Hydrobiologia*, 648(1), 3-18
43. **Dimitriou, E**, & Moussoulis, E (2010). Hydrological and nitrogen distributed catchment modeling to assess the impact of future climate change at Trichonis Lake, western Greece. *Hydrogeology journal*, 18(2), 441-454

44. Karaouzas, I, **Dimitriou**, E, Skoulikidis, N, Gritzalis, K, & Colombari, E (2009). Linking hydrogeological and ecological tools for an integrated river catchment assessment. *Environmental Modeling & Assessment*, 14(6), 677
45. **Dimitriou**, E, Karaouzas, I, Sarantakos, K, Zacharias, I, Bogdanos, K, & ... (2008). Groundwater risk assessment at a heavily industrialised catchment and the associated impacts on a peri-urban wetland. *Journal of Environmental Management*, 88(3), 526-538
46. Zacharias, I, Parasidoy, A, Bergmeier, E, Kehayias, G, **Dimitriou**, E, & ... (2008). A "DPSIR" model for Mediterranean temporary ponds: European, national and local scale comparisons. *Annales de Limnologie-International Journal of Limnology*, 44(4), 253-266
47. Stamati, F, Nikolaidis, N, **Dimitriou**, E, & Koussouris, T (2008). Hydro-geochemical aspects of Mediterranean temporary ponds in Western Crete. *Journal of environmental quality*, 37(1), 164-173
48. Zacharias, I, **Dimitriou**, E, Dekker, A, & Dorsman, E (2007). Overview of temporary ponds in the Mediterranean region: threats, management and conservation issues. *Journal of Environmental Biology*, 28(1), 1-9
49. **Dimitriou**, E, & Zacharias, I (2007). Using state-of-the-art techniques to develop water management scenarios in a lake catchment. *Hydrology Research*, 38(1), 79-97
50. **Dimitriou**, E, & Zacharias, I (2007). Applying isotopic techniques and remote sensing for water resources management an a lake catchment. *Water International*, 32(3), 457-474
51. **Dimitriou**, E, Karaouzas, I, Skoulikidis, N, & Zacharias, I (2006). Assessing the environmental status of Mediterranean temporary ponds in Greece. *Annales de Limnologie-International Journal of Limnology*, 42(1), 33-41
52. Bertahas, I, **Dimitriou**, E, Karaouzas, I, Laschou, S, & Zacharias, I (2006). Climate change and agricultural pollution effects on the trophic status of a Mediterranean lake. *Acta hydrochimica et hydrobiologica*, 34(4), 349-359
53. **Dimitriou**, E, & Zacharias, I (2006). Groundwater vulnerability and risk mapping in a geologically complex area by using stable isotopes, remote sensing and GIS techniques. *Environmental geology*, 51(2), 309-323
54. Zacharias, I, **Dimitriou**, E, & Koussouris, T (2005). Integrated water management scenarios for wetland protection: application in Trichonis Lake. *Environmental Modelling & Software*, 20(2), 177-185
55. **Dimitriou**, E, & Zacharias, I (2005). Assessing the impacts of hydrometeorologic and land use changes in a large freshwater body. *Fresenius Environmental Bulletin*, 14(11)
56. Sarantakos, K, **Dimitriou**, E, Kontogianni, A, & Skourtos, M (2005). Water-pricing policies and the Water Framework Directive 2000/60/EC: a first approach concerning the agricultural sector in the Axios River Basin. *The Business of Water and Sustainable Development*, 208(222), 208-222
57. Zacharias, I, **Dimitriou**, E, & Koussouris, T (2004). Quantifying land-use alterations and associated hydrologic impacts at a wetland area by using remote sensing and modeling techniques. *Environmental Modeling & Assessment*, 9(1), 23-32
58. **Dimitriou**, E (2004). Comparisons of local infiltration-excess, overland flow and associated erosion behaviour with river behaviour at the catchment scale. *Journal of Spatial Hydrology*, 3(1)
59. Zacharias, I, **Dimitriou**, E, & Koussouris, T (2003). Developing sustainable water management scenarios by using thorough hydrologic analysis and environmental criteria. *Journal of Environmental Management*, 69(4), 401-412
60. Zacharias, I, **Dimitriou**, E, & Koussouris, T (2003). Estimating groundwater discharge into a lake through underwater springs by using GIS technologies. *Environmental Geology*, 44(7), 843-851

Publications in Conferences:

1. Zacharias I., **Dimitriou E.**, and Koussouris T., 2001, "A new methodology to estimate groundwater discharge, in a lake", 2001 Annual Conference of International Association for Mathematical Geology (IAMG), Cancun, Mexico, (Proceedings on a CD).
2. Zacharias I., **Dimitriou E.**, and Koussouris T., 2002, 'Estimation of water balance components in a geologically complex lake catchment by using MIKE SHE modelling software', 1st DHJ International Conference on Water Resources, Bangkok, Thailand, (Proceedings on a CD).
3. Zacharias I., **Dimitriou E.**, and Koussouris T., 2002, "Sustainable water resources management and environmental protection. Application in Trichonis lake catchment", 3rd International Forum on Integrated Water Management, The key to sustainable water resources, 3/2002, Athens, Greece, pp.84-89.
4. Zacharias I., **Dimitriou E.**, and Koussouris T., 2002, 'Indirect estimation of groundwater discharges in lakes, application in lake Trichonis, Greece', 6th International Conference on the Protection & Restoration of the Environment, Skiathos, pp. 141-148.
5. Zacharias I., **Dimitriou E.**, Koussouris Th., 2003, "Quantifying land-use alterations and associated hydrologic impacts at a wetland area by using remote sensing and modeling techniques", IAHR Congress Proceedings, Thessaloniki – Greece, 09/2003
6. **Dimitriou E.** and Zacharias I., 2005, 'Combining state-of-the-art techniques for developing Integrated Water Management scenarios in a lake catchment', 6th EWRA International Conference, Nice – France
7. **Dimitriou E.**, N. Skoulikidis, I. Zacharias (2005). Protection and management of priority habitats in Mediterranean coastal areas. *ECO-IMAGINE, Marie Curie European Conferences and forum for Integrated coastal Management and Geo-Information research, MSCF-CT-2003-504444, 2004-2007*, Nice, France.
8. **Dimitriou E.**, Antoniadis K. and Karaouzas I., 2005, 'Impacts from land use changes and agricultural activities on Chrysoupolis lake. Greek Ombudsman's intervention', 7^o Hellenic Hydrogeological Conference, Αθήνα, 10/2005.
9. Moussoulis E. and **Dimitriou E.**, 2006, 'Hydrological modelling study of Trichonis Lake catchment', International Conference of Computational Methods in Sciences and Engineering, (ICCMSE 2006), Chania, Crete, 27 October – 1 November 2006
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