



## PERSONAL INFORMATION

Name **DIMITRIOU ELIAS**  
Address 46.7 km of Athens – Sounio Ave.,Anavissos, 19013, Greece.  
Telephone +30-2291076389, +30-6972213674  
Fax +30-2291076419  
E-mail/web [elias@hcmr.gr](mailto: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 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://wfd.hcmr.gr/>

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

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, <http://ecoflow.hcmr.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, <https://spercheios.hcmr.gr/>

National Project funded by the Ministry of Environment, Title: 'Ecological quality assessment in Pikrodafni Stream. Management and restoration measures', 2012 - 2013, <https://imbrwv.hcmr.gr/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://imbrwv.hcmr.gr/category/projects/research-projects-2007-2012/>

National Project funded by ELPE SA, Title: 'Ecological quality monitoring in Lake Koumoundourou. Management, restoration and recreation measures', 2010-2012, <https://imbrwv.hcmr.gr/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», <https://imbrwv.hcmr.gr/mediterranean-temporary-ponds-in-crete/>, 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. <https://imbrwv.hcmr.gr/category/projects/research-projects-2007-2012/>

National Project funded by the Public Electricity Corporation – Scientific coordinator, Title: 'Environmental monitoring of N. Plastira Reservoir', Year started: 2009, Duration: 15 months, <https://imbrwv.hcmr.gr/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 <https://imbrwv.hcmr.gr/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, <https://imbrwv.hcmr.gr/assessment-of-impacts-of-aeolian-park-in-kefalonia/>

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](http://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 3<sup>rd</sup> 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 (NCMR) in the year 2000 with main tasks that included hydrologic and water resources management studies, focusing on the environmental water demands. In 2005, he undertook the leadership of a Life-Nature project ([www.life-medponds.gr](http://www.life-medponds.gr)) which ended successfully in 2008 and received a 'one of the best Life-Nature projects' award, 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 76 scientific articles in peer-reviewed international journals, 60 articles and abstracts in conference proceedings, and 4 articles book chapters. He is a reviewer in more than 43 well known international scientific journals (<https://publons.com/researcher/453894/elias-dimitriou>) 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 fario*ides; 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. Tsimpi, 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



### Indicative 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, 1<sup>st</sup> DHI International Conference on Water Resources, Bangkok, Tayland, (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", 3<sup>rd</sup> 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, 6<sup>th</sup> 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', 6<sup>th</sup> 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<sup>o</sup> 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
10. **Dimitriou E.**, Skoulikidis N., Nikolaidis N. And Zacharias I., 2006, 'Groundwater risk mapping for environmental conservation in Crete island', International Conference on the Protection and Restoration of the Environment VIII, Chania – Crete, 3-7 July 2006
11. Stamati F., Nikolaidis N., **Dimitriou E.**, Skoulikidis N., Koussouris T., 2006, 'Hydro-geochemical aspects of a typical mediterranean temporary pond in western crete (omalos plateau)', International Conference on the Protection and Restoration of the Environment VIII, Chania – Crete, 3-7 July 2006
12. **Dimitriou E.**, N. Skoulikidis, I. Zacharias, 2006, 'Land use changes and associated groundwater risk mapping in a protected coastal area'. *Geophysical Research Abstracts*, Vienna, 2-7 April 2006, Book of Abstracts.
13. Skoulikidis N., K. Gritzalis, A. Economou, **E. Dimitriou**, S. Zogaris, A. Papadopoulos (2006). Application and development of tools for integrated basin management. *AQUA Conference*, 23-26 November 2006, Athens, Book of Abstracts, p. 100.
14. **Dimitriou E.**, Antoniadis K. and Karaouzas I., 2007, 'Phase II investigation: Impact - Water Pollution from Agricultural & Stock Farming activities on a small lake in northern Greece (Chrysoupolis Lake)', First International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), 24-28 June 2007, Skiathos
15. **Dimitriou E.** and Moussoulis E., 2007, 'Hydrologic modeling for water resources management aiming in the conservation of a priority habitat', First International

- Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE), 24-28 June 2007, Skiathos
16. **Dimitriou E.**, Moussoulis E. and Skoulikidis N., 2008, 'Hydrochemical characteristics of Mediterranean Temporary Ponds in Western Crete. Water pollution and hydrologic threats from human activities and climate change', 3<sup>rd</sup> European Pond Conservation Network Workshop, Valencia – Spain
  17. **Dimitriou E.** and Moussoulis E., 2008, 'Applying modelling techniques to assess the impacts of climate change scenarios on the hydrological and water quality status of Trichonis Lake, Western Greece', IAHR – International Groundwater Symposium, entitled: 'Flow and Transport in Heterogeneous Subsurface Formations: Theory, Modelling & Applications', Istanbul – Turkey
  18. **Dimitriou E.** and Moussoulis E., 2008, 'Estimating the hydrologic impact of climate change scenarios on the hydroperiod of Mediterranean Temporary Ponds', HydroPredict2008: International Interdisciplinary Conference on Predictions for Hydrology, Ecology, and Water Resources Management: Using Data and Models to Benefit Society, Prague – Czech Republic
  19. Skoulikidis N. & **E. Dimitriou** (2009). Quality of Mykonos water resources – a preliminary assessment. 2<sup>nd</sup> International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 09) & SECOTOX Conference. Mykonos, Greece, June 21 - 26, 2009
  20. **Dimitriou E.** and Antoniadou C.,(2009). Preliminary impact assessment of anthropogenic activities on Vourkadi peri-urban lagoon system., Second International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 09) & SECOTOX Conference, Mykonos island, Greece June 21 to 26, 2009
  21. Stoumboudi M., E. Kalogianni, **E. Dimitriou**, N. Skoulikidis, I. Bertahas, I. Moussoulis, N. Koutsikos, R. Barbieri (2009). Impacts from the construction of a dam on the autochthonous ichthyofauna of a mountainous stream and potential rehabilitation actions. *13<sup>th</sup> European Congress of Ichthyology*, Klaipeda, Lithuania, 6-12 September 2009, Book of Abstracts, p. 26.
  22. **Dimitriou E.** (2009). 'Conservation plan for the Mediterranean Temporary Ponds Habitat in W. Greece', International Conference on Mediterranean Temporary Ponds, Menorca, 2009
  23. M. Tzortziou, **E. Dimitriou**, D. Tsoliakos, G. Mousdis, C. Zeri, A. Gogou, E. Anagnostou, P. Neale, P. Megonigal, Y. Yamashita, R. Jaffe, (2009), 'Dynamics and properties of colored dissolved organic matter, CDOM, in wetland ecosystems and coastal waters of the Eastern Mediterranean', *Aquatic Sciences Meeting 2009*, Nice, France
  24. Skoulikidis N., A. Economou, L. Vardakas, I. Karaouzas, **E. Dimitriou**, Y. Amaxidis, E. Colobari, 2010, Differences between natural and created desiccation in the management of temporary river basins – Case study the Evrotas River basin, Greece. *4<sup>th</sup> BALWOIS 2010 International Conference*, Ohrid, Republic of Macedonia, 25 - 29 May 2010, Book of Abstracts, p. 492-493.
  25. **Dimitriou E.**, 2010, Modeling Potential Climate Change Impacts in Two Greek Lakes, *DHI International Conference - Modelling in a World of Change*, Copenhagen, Denmark
  26. Katsiapi-M., Moustaka-Gouni M., Kormas K., Michaloudi E. and **Dimitriou E.**, (2010), 'Assessing ecological quality in Greek freshwaters using phytoplankton-based indices' 14<sup>th</sup> International conference on Harmful Algae, Hersonisos - Crete
  27. Tzortziou M., Zeri Ch., **Dimitriou E.**, Pitta E., Moussoulis E., Neale P., Megonigal P., and Jaffe R., (2010), 'Dissolved organic matter fluxes, quality, and biogeochemical processing in Eastern Mediterranean coastal wetlands', *EGU General Assembly 2010*, Vienna – Austria
  28. Pitta E., Zeri Ch., Tzortziou M., **Dimitriou E.**, Moussoulis E., Paraskevopoulou V., and Dassenakis E., (2010), 'Dissolved organic matter and nutrients in two Eastern Mediterranean rivers', *EGU General Assembly 2010*, Vienna – Austria
  29. **Dimitriou E.**, Mentzafou A., Tzortziou M., Zeri Ch., (2011), 'Environmental monitoring and pollution pressures identification in Sperchios river catchment', Third

- International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference, Skiathos island, Greece
30. **Dimitriou E.**, Mentzafou A., Karaouzas I., Gritzalis K., (2011), 'A water quality assessment in a Greek artificial lake. Threats and restoration measures', The Aquatic Ecosystem Puzzle: Threats, Opportunities & Adaptation, Siena, Italy
  31. **Dimitriou E.** and Mentzafou A., (2011), 'Water Quality status and anthropogenic pressures in a transboundary river catchment', International Symposium on Environment and Natural Resources, Kuala Lumpur, Malaysia
  32. Mentzafou, A., **Dimitriou, E.**, (2012), 'Distributed hydrological and water quality modelling to analyze the fate of Nitrate along a transboundary river', 6th International Conference on Energy and Development, Environment - Biomedicine (EDEB'12) - Recent Researches in Environment and Biomedicine, 7-9 March 2012, Vouliagmeni Beach, Athens, Greece.
  33. Markogianni V., **Dimitriou E.**, Tzortziou M., (2012), 'Monitoring of chlorophyll-a in Evros river (Greece) using Landsat 5 imagery', Protection and Restoration of the Environment XI conference, Thessaloniki Greece.
  34. Markogianni V., **Dimitriou E.**, Konstantinopoulou A., Assimakopoulou G., (2012), 'Algorithm development for monitoring chlorophyll-a distribution in lake Koumoundourou determined from remote sensing data', 10<sup>th</sup> Symposium of Oceanography and Fisheries, Athens –Greece
  35. Karaouzas I., **Dimitriou E.**, Mousoulis E., Zacharias I., (2012), 'The Mediterranean Temporary Ponds of Crete, Greece: Biodiversity, status, threats and conservation', 12th International Congress on the Zoogeography and Ecology of Greece and adjacent Regions, Athens - Greece
  36. Stoumboudi M., **Dimitriou E.**, Barbieri R., Kalogianni E., Cowx I., (2012), 'Estimating the minimum ecological flow downstream the Gadouras dam (Rhodes Island, Greece), for conserving the local *Ladigesocypris ghigii* population', XIV European Congress of Ichthyology, Liège, Belgium
  37. A Mentzafou, **E. Dimitriou**, V Markogianni, (2012), Flood hazard assessment based on a GIS based methodology- EGU General Assembly Conference Abstracts, 2012
  38. V Markogianni, **E Dimitriou**, M Tzortziou, 2013, Monitoring of chlorophyll-a and turbidity in Evros River (Greece) using Landsat imagery, First International Conference on Remote Sensing and Geoinformation of Environment, Pafos- Cyprus, International Society for Optics and Photonics
  39. Dimitriou E., Markogianni V., Mentzafou A., Karaouzas I. and Zogaris S., 2013, Ecological status assessment of Pikrodafni stream (Attica, Greece), restoration and management measures, 4th International Conference on Environmental Management, Engineering, Planning and Economics, Mykonos island, Greece
  40. Kalliopi Chatzizaharia, Sofia Papadaki, Christina Tsiodra, Dimitrios Economides, Dimitrios Sidoras, Elias **Dimitriou**, Dimitrios Hatzivramidis, 2013, Hydrocarbons removal from water bodies using biogenic adsorbents, 1st CIGR Inter - Regional Conference on Land and Water Challenges, 10-14 September 2013, Bari - Italy
  41. Christina Papadaki, Aggeliki Mentzafou, Lazaros Ntoanidis, Stamatis Zogaris, Niki Evelpidou, Demetris Argyropoulos, Elias **Dimitriou**, 2014, Habitat hydraulic modeling for assessing changes of mesohabitat types in a Greek mountain river, EGU General Assembly Conference Abstracts, 2014
  42. Mentzafou A. and **Dimitriou E.**, Flood risk assessment for a heavily modified urban stream, 11th Kovacs Colloquium, Hydrological Sciences and Water Security: Past, Present and Future, 16-17 June 2014, Paris, France
  43. Vassiliki Markogianni, Elli Tzirkalli, Salih Gücel, Elias **Dimitriou**, Stamatis Zogaris, 2014, Remote sensing application for identifying wetland sites on Cyprus: problems and prospects, Second International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2014), International Society for Optics and Photonics
  44. Papadaki Ch., Ntoanidis L., Zogaris S., Francisco Martinez-Capel, Rafael Munoz-Mas, Evelpidou N., **Dimitriou E.**, 2014, Habitat hydraulic modeling for environmental flow restoration in upland streams in Greece, 12th International Conference

“Protection & Restoration of the Environment, Skiathos, June 29th - July 3rd 2014, ISBN 978-960-88-490-5-1, p.385

45. Evelpidou N., **Dimitriou E.**, Papadaki Ch., Stamatakis M., Ntoanidis L., Koutsomichou I., Anastasatou M., Karkani A., 2014, A correlation of the structure and chemical composition of the habitat sediments with the ecological flow of Acheloos river, in Trikala Prefecture, Thessaly, Central Greece, 10th International Congress of Hellenic Geographical Society
46. **Dimitriou E.**, Mentzafou A., Stoumboudi M., Environmental water management plan of a dam, based on a fully dynamic model, 10th International Congress of the Hellenic Geographical Society, 22-24 October 2014, Thessaloniki, Greece, Extended abstracts, p. 443-445
47. Ntoanidis L., Mentzafou Ag., Papadaki Ch., Zogaris S., Evelpidou N., Argyropoulou-Papa M., **Dimitriou E.**, 2014, Intercomparison of a 1D versus quasi-2D hydraulic modelling approach for a spatial assessment of mesohabitat types alteration within a river - A case study of upper Acheloos river, 10th International Congress of Hellenic Geographical Society
48. Papadaki Ch., Ntoanidis L., Mentzafou Ag., Zogaris S., Evelpidou N., Argyropoulou – Papa M., **Dimitriou E.**, 2014, An adaptation of a habitat modeling approach to simulate and assess differences between existing habitat suitability criteria (HSC) focusing on brown trout for Greek rivers, 10th International Congress of Hellenic Geographical Society
49. R. Muñoz-Mas, Ch. Papadaki, L. Ntoanidis, F. Martinez-Capel, S. Zogaris, and E. **Dimitriou**, 2015, Habitat suitability models for West Balkan Trout for the estimation of environmental flows in a mountain river of Greece, 6th IAHR World Congress, The Hague, the Netherlands
50. Papadaki Ch., Soulis K., Muñoz-Mas R., Ntoanidis L., Zogaris S., Dercas N., & **Dimitriou E.**, 2015, A new approach for determining the environmental flow regime in a Greek river, 9th World Congress European Water Resources Association, Istanbul, Turkey
51. Sergeant F., Papadonikolaki G., Stamou A.I., Bui M., Rutschmann P., **Dimitriou E.** and Skoulikidis N., 2015, Preliminary assessment of the effect of water abstraction in Sperchios river (Greece) on its ecological status using the hydraulic habitat model phabsim, Proceedings of the 14th International Conference on Environmental Science and Technology, Rhodes, Greece, 3-5 September 2015
52. Zogaris S., Skoulikidis N., **Dimitriou E.**, 2016, Opportunities for ecological restoration in streams and wetlands of the Athens Basin, Water Bridges International Conference "Sustainable Urban Water Management", The Hub, Athens, Greece.