



UNIVERSITY OF THESSALY  
SCHOOL OF AGRICULTURAL SCIENCES



DEPARTMENT OF ICHTHYOLOGY & AQUATIC ENVIRONMENT (DIAE)  
LABORATORY OF ECOHYDRAULICS AND INLAND WATER MANAGEMENT  
(EcoHYDRO Lab)

**Lab Head: Professor Aris Psilovikos**  
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Aris Psilovikos, MEng (5Y), MSc, PhD – Professor in Sustainable  
Water Resources Management

[https://www.researchgate.net/profile/Aris\\_Psilovikos](https://www.researchgate.net/profile/Aris_Psilovikos)

<https://scholar.google.com/citations?user=rRxNJl0AAAAJ&hl=en>

[http://diae.uth.gr/?page\\_id=1281](http://diae.uth.gr/?page_id=1281)

## Education

- May 1995 – May 1999*     **Aristotle University of Thessaloniki**  
PhD - School of Rural & Surveying Engineering, Water Resources Simulation  
and Management  
Thessaloniki, Central Macedonia, Greece
- Sep 1994 – Dec 1996*     **Aristotle University of Thessaloniki**  
MSc - School of Agriculture, Agriculture Hydraulics - Water Resources  
Thessaloniki, Central Macedonia, Greece
- Sep 1989 – Jul 1994*     **Aristotle University of Thessaloniki**  
BEng (5Y) - School of Rural & Surveying Engineering, Rural & Surveying  
Engineer  
Thessaloniki, Central Macedonia, Greece

## Thesis

Aris Psilovikos: *Optimum Management of Groundwater Resources. Comparison and Evaluation with Linear and Non-Linear Programming Models.* 05/1999, Degree: PhD, Supervisor: Christos Tzimopoulos

Aris Psilovikos: *Optimum management in aquifer studies using the Linear Programming (LP) method. An application to Eidomeni - Eozones area.* 12/1996, Degree: MSc, Supervisor: Christos Tzimopoulos

Aris Psilovikos: *Management of Eidomeni - Evzonoï Aquifer Using the Method of Multiple Cells*. 07/1994, Degree:  
Graduate Thesis, Supervisor: Christos Tzimopoulos

## Research, Academic & Professional Experience

- Mar 2019 – present*      **Professor (Full)**  
University of Thessaly, Department of Ichthyology and Aquatic Environment (DIAE)  
Volos, Thessaly, Greece
- Feb 2015 – Mar 2019*      **Professor (Associate)**  
University of Thessaly, Department of Ichthyology & Aquatic Environment (DIAE)  
Volos, Thessaly, Greece
- Feb 2012 – Aug 2012*      **Fulbright Exchange Fellow - Visiting Professor**  
University of Michigan, Department of Civil and Environmental Engineering  
Ann Arbor, Michigan, United States
- Aug 2008 – Feb 2015*      **Professor (Assistant)**  
University of Thessaly, Department of Ichthyology & Aquatic Environment (DIAE)  
Volos, Thessaly, Greece
- Nov 2003 – Aug 2008*      **Lecturer**  
University of Thessaly, Department of Ichthyology & Aquatic Environment (DIAE)  
Volos, Thessaly, Greece
- Mar 2002 – Nov 2003*      **Special Educational Staff - Scientific Collaborator**  
Aristotle University of Thessaloniki, Department of Physical and Environmental Geography  
Thessaloníki, Central Macedonia, Greece
- Feb 2001 – Feb 2004*      **Visiting Assistant Professor**  
Technological Educational Institute of Central Macedonia at Serres,  
Department of Civil Engineering  
Sérres, Central Macedonia, Greece
- Mar 1995 – May 1999*      **PhD Student**  
Aristotle University of Thessaloniki, Department of Rural and Surveying Engineering  
Thessaloníki, Central Macedonia, Greece
- Sep 1994 – Dec 1996*      **MSc Student**  
Aristotle University of Thessaloniki, Department of Hydraulics, Soil Science and Agricultural Engineering  
Thessaloníki, Central Macedonia, Greece

*Sep 1994 – Dec 2003*      **Freelance Professional Engineer** in Hydraulic Works (13) and Topographic Studies (16)  
Thessaloníki, Central Macedonia, Greece

*Sep 1989 – Jul 1994*      **Undergraduate Student**  
Aristotle University of Thessaloniki, School of Rural and Surveying Engineering  
Thessaloníki, Central Macedonia, Greece

## Statistics in Research Gate

<i>RG Score</i>	21.74
<i>Publications</i>	140
<i>Reads</i>	18,335
<i>Citations</i>	457

## Administrative Experience

*Noe 2003 -*                      More than 70 Administrative Committees in DIAE

*Sep 2017 –*                    Vice Head of the Department of Ichthyology & Aquatic Environment

*Dec 2019 –*                    Head of the Laboratory of Ecohydraulics and Inland Water Management

## Grants

*Feb 2012*                      Grant: Fulbright Scholarship in Dept. of Civil & Environmental Engineering, University of Michigan, Ann Arbor, MI, USA (February 2012 – August 2012)

*Apr 1996*                      Grant: Scholarship from “State Scholarships Foundation” (IKY), 29th Program (1995/96 – 1998/99) in the scientific field of “Rural Hydraulics”, for my PhD Thesis

*Jun 1992*                      Scholarship: 3<sup>rd</sup> year of my Undergraduate Studies in School of Rural & Surveying Engineering, Aristotle University of Thessaloniki

*Jun 1991*                      Scholarship: 2<sup>nd</sup> year of my Undergraduate Studies in School of Rural & Surveying Engineering, Aristotle University of Thessaloniki

*Jun 1990*                      Scholarship: 1<sup>st</sup> year of my Undergraduate Studies in School of Rural & Surveying Engineering, Aristotle University of Thessaloniki

## Skills & Activities

*Skills*                              Water Resources Management, Water Quality Monitoring, Aquatic Ecosystems, Water Balance, Environment, Hydraulics, Hydrologic and Water

	Resource Modeling and Simulation, Water Resources Engineering, Watershed Hydrology, Evapotranspiration, Surface Hydrology, Water Quality Modeling, Remote Sensing and GIS, Integrated Lake/River Basin Management, Stochastic Modeling, Groundwater Management, Groundwater Modeling, Sediment Transport, Ecohydraulics, Ecohydrology, Artificial Neural Networks
<i>Languages</i>	English, French
<i>Scientific Memberships</i>	Hellenic Hydrotechnical Association (HHA - Vice President of the Administrational Board),  European Water Resources Association (EWRA), Technical Chamber of Greece (TEE)
<i>Interests</i>	Basketball, Swimming, Gym, Jogging, Music

## Books

1. Aris Psilovikos: *Υδατικοί όροι (1<sup>η</sup> Έκδοση) – Water Resources (1<sup>st</sup> Edition)*. 03/2020; Εκδόσεις Τζιόλα – Tziolas Pub., ISBN: 978 – 960 – 602 – 0, Thessaloniki, Greece, 700 p.
2. Proceedings of the 14<sup>th</sup> Conference of the Hellenic Hydrotechnical Association (HHA), with collaborators Evaggelia Farsirotou & Nikolaos Theodossiου, Volos, Greece, May 2019.
3. Antonios Psilovikos & Aris Psilovikos: *Ιζηματολογία (2<sup>η</sup> Έκδοση) – Sedimentology (2<sup>nd</sup> Edition)*. 10/2019; Εκδόσεις Τζιόλα – Tziolas Pub., ISBN: 978 – 960 – 418 – 374 – 6, Thessaloniki, Greece, 494 p.
4. Aris Psilovikos: *Οικοϋδραυλική (1<sup>η</sup> Έκδοση) – Ecohydraulics (1<sup>st</sup> Edition)*. 02/2014; Εκδόσεις Τζιόλα – Tziolas Pub., ISBN: 978-960-418-447-7, Thessaloniki, Greece, 536 p.
5. Antonios Psilovikos, Aris Psilovikos: *Ιζηματολογία (2<sup>η</sup> Έκδοση) – Sedimentology (2<sup>nd</sup> Edition)*. 01/2010; Εκδόσεις Τζιόλα – Tziolas Pub., ISBN: 978-960-418-205-3, Thessaloniki, Greece, 358 p.
6. Aris Psilovikos: *Topography – Chartography / Τοπογραφία – Χαρτογραφία Πανεπιστημιακές Σημειώσεις*. 12/2005.

## Book Chapters

1. N. Charizopoulos, G. Stamatis, A. Psilovikos: *Water Balance and temporal changes of the surface water quality in Xynias basin (SW Thessaly)*. Advances in the Research of Aquatic Environment, 01/2011: pages 275-281; , ISBN: 978-3-642-19901-1, DOI:10.1007/978-3-642-19902-8\_32
2. Sentas, Ar. Psilovikos: *Comparison of ARIMA and Transfer Function (TF) models in Water Temperature simulation in dam - Lake Thesaurus, eastern Macedonia, Greece*. Environmental Hydraulics, Two Volume Set, 06/2010: pages 929-934; , DOI:10.1201/b10553-153
3. Karadimos, M Sapountzis, A Psilovikos: *The Use of SCS and Sierra Nevada Methods for the Determination of the Hydrograph of the 7<sup>th</sup> December 2002 Rainfall in the Watershed of Torrent "Gerampini" Zagora, Greece. Χρήση των Μεθόδων SCS και Sierra Nevada για τον Προσδιορισμό του Υδρογραφήματος της Βροχόπτωσης της 7 ης /12/2002 στο Χειμάρρο «Γεραμπίνη» Ζαγοράς. ΥΔΡΟΓΑΙΑ: Τιμητικός Τόμος στον Καθηγητή Χρήστο Δ. Τζιμόπουλο, 2009 12/2009: chapter ΜΕΡΟΣ Ι: ΤΟ ΝΕΡΟ - Υδρολογία: pages 269-281; ΕΚΔΟΣΕΙΣ ΖΗΤΗ., ISBN: ISBN978-960-243-659-2.*

4. Psilovikos Ant. & Psilovikos Ar., 1997. *Human versus natural processes. The case of Axios/Vardar River*. Engineering Geology and the Environment, Greek National Group of International Association of Engineering Geology, Eds. Marinos P., Koukis G., Tsiambaos G. & Stournaras G., Volume 3, pp. 2859-2864, A.A. Balkema, Rotterdam, Brookfield, 1997.

## Journal Publications

1. Mohamed Elhag, Ioannis Gitas, Anas Othman, Jarbou Bahrawi, Aris Psilovikos, Nassir Al-Amri: *Time series analysis of remotely sensed water quality parameters in arid environments, Saudi Arabia*. Environment Development and Sustainability 01/2020; DOI:10.1007/s10668-020-00626-z
2. Nikos Charizopoulos, Panagiotis Mourtziotis, Thomas Psilovikos, Aris Psilovikos, Lina Karamoutsou: *Morphometric analysis of the drainage network of Samos Island (northern Aegean Sea): Insights into tectonic control and flood hazards*. Comptes Rendus Geosciences 05/2019; DOI:10.1016/j.crte.2019.03.001
3. Antonios Sentas, Aris Psilovikos, Lina Karamoutsou, Nikos Charizopoulos: *Monitoring, Modeling and Assessment of Water Quality and Quantity in River Pinios, using ARIMA Models*. Desalination and water treatment 10/2018; 133., DOI:10.5004/dwt.2018.23239
4. Antonios Sentas, Lina Karamoutsou, Nikos Charizopoulos, Thomas Psilovikos, Aris Psilovikos, Athanasios Loukas: *The Use of Stochastic Models for Short-Term Prediction of Water Parameters of the Thesaurus Dam, River Nestos, Greece*. 07/2018; 2(11):634., DOI:10.3390/proceedings2110634
5. Nikos Charizopoulos, Eleni Zagana, Aris Psilovikos: *Assessment of natural and anthropogenic impacts in groundwater, utilizing multivariate statistical analysis and inverse distance weighted interpolation modeling: the case of a Scopia basin (Central Greece)*. Environmental Earth Sciences 05/2018; 77(10)., DOI:10.1007/s12665-018-7564-6
6. Nikos Charizopoulos, Aris Psilovikos, Eleni Zagana: *A lumped conceptual approach for modeling hydrological processes: the case of Scopia catchment area, Central Greece*. Environmental Earth Sciences 09/2017; 76(18)., DOI:10.1007/s12665-017-6967-0
7. Lina Karamoutsou, Aris Psilovikos, Per Stalnacke, Chilla Farkas: *Lake Vegoritida's water level and catchment area alterations as a result of natural processes and human interventions*.
8. Antonios Sentas, Aris Psilovikos, Thomas Psilovikos: *Statistical Analysis and Assessment of Water Quality Parameters in Pagoneri, River Nestos*.
9. Nikos Charizopoulos, Aris Psilovikos: *Hydrologic processes simulation using the conceptual model Zygos: the example of Xynias drained Lake Catchment (central Greece)*. Environmental Earth Sciences 05/2016; 75(9)., DOI:10.1007/s12665-016-5565-x
10. Antonios Sentas, Aris Psilovikos, Thomas Psilovikos, Niki Matzafleri: *Comparison of the performance of stochastic models in forecasting daily dissolved oxygen data in dam-Lake Thesaurus*. Desalination and water treatment 01/2016; DOI:10.1080/19443994.2015.1128984
11. Niki Matzafleri, Aris Psilovikos, Antonios Sentas: *Zooplankton population seasonal variations in relation to nutrients. Case study of Lake Kastoria, Western Macedonia, Greece*. Fresenius Environmental Bulletin 01/2016; 26(2):1318-1324.
12. Nikos Charizopoulos, Aris Psilovikos: *Geomorphological analysis of Scopia catchment (Central Greece), using DEM data and GIS*. Fresenius Environmental Bulletin 01/2015; 24(11B):3973-3983.

13. Ifigenia Kagalou, Aris Psilovikos: *Assessment of the Typology and the Trophic Status of Two Mediterranean Lake Ecosystems in Northwestern Greece*. *Water Resources* 05/2014; 41(3):335-343., DOI:10.1134/S0097807814030105
14. Aris Psilovikos, Mohamed Elhag: *Forecasting of Remotely Sensed Daily Evapotranspiration Data Over Nile Delta Region, Egypt*. *Water Resources Management* 09/2013; 27(12):4115-4130., DOI:10.1007/s11269-013-0368-2
15. Mohamed Elhag, Aris Psilovikos, Maria Sakellariou-Makrantonaki: *Land use changes and its impacts on water resources in Nile Delta region using remote sensing techniques*. *Environment Development and Sustainability* 03/2013; 15(5):1189-1204., DOI:10.1007/s10668-013-9433-5
16. Miltiadis Dalaris, Aris Psilovikos, Marios Sapountzis, P. Mourtzis, Panagiotis Mourtziotis: *Water erosion assessment in skiathos island using the gavrilovic method*. *Fresenius Environmental Bulletin* 01/2013; 22(10):2943-2952.
17. Aris Psilovikos, Antonios Sentas, Christos Sahanidis, Theodoros Laopoulos: *Trend analysis and assessment of water quality and quantity monitoring data in lignite mines of Western Macedonia, Greece*. *Desalination and water treatment* 09/2011; 33(1-3):44-52., DOI:10.5004/dwt.2011.2625
18. Mohamed Elhag, Aris Psilovikos, Ioannis Manakos, Kostas Perakis: *Application of the Sebs Water Balance Model in Estimating Daily Evapotranspiration and Evaporative Fraction from Remote Sensing Data Over the Nile Delta*. *Water Resources Management* 09/2011; 25(11):2731-2742., DOI:10.1007/s11269-011-9835-9
19. Ar. Psilovikos, A. Sentas, C. Sahanidis: *Comparison of trend analysis models in water quality and quantity data in lignite mines in Western Macedonia, Greece*.
20. Sofia Margoni, Aris Psilovikos: *Sustainable management of Agiasma Lagoon–River Nestos delta – Using R.E.M.O.S. daily monitoring data of water quality and quantity parameters*. *Desalination* 01/2010; 250(1-250):287-296., DOI:10.1016/j.desal.2009.09.045
21. M. Kotopouli, Ar. Psilovikos, N. Gitsakis, M. Sapountzis, G. Dimos: *Time-Series Analysis of Rainfall Data of Nestorio-Kastoria Gauge Station Using a Recurrent Neural Network Model*. ΠΡΟΣΟΜΟΙΩΣΗ ΧΡΟΝΟΣΕΙΡΑΣ ΜΗΝΙΑΙΟΥ ΨΟΥΣ ΒΡΟΧΗΣ ΤΟΥ ΒΡΟΧΟΜΕΤΡΙΚΟΥ ΣΤΑΘΜΟΥ ΝΕΣΤΟΠΙΟΥ ΚΑΣΤΟΡΙΑΣ ΜΕ ΤΗ ΧΡΗΣΗ ΑΝΑΤΡΟΦΟΔΟΤΟΥΜΕΝΟΥ (RECURRENT) ΜΟΝΤΕΛΟΥ ΝΕΥΡΩΝΙΚΩΝ ΔΙΚΤΥΩΝ.
22. Niki Matzafleri, Aris Psilovikos, Anna Blanta: *Water Quality Monitoring and Modeling in Lake Kastoria, Using GIS. Assessment and Management of Pollution Sources*. *Water Resources Management* 12/2009; 23(15):3221-3254., DOI:10.1007/s11269-009-9431-4
23. Aris Psilovikos, Antonios Sentas: *Comparison and assessment of the monitoring data of two REMOS stations in Nestos and Pagoneri for the year 2004. The base for an integrated water management*. *Desalination* 11/2009; 248(1):1016-1028., DOI:10.1016/j.desal.2008.10.018
24. Aris Psilovikos, Sofia Margoni: *An empirical model of sediment deposition processes in Lake Kerkini, Central Macedonia Greece*. *Environmental Monitoring and Assessment* 06/2009; 164(1-4):573-92., DOI:10.1007/s10661-009-0914-9
25. Aris Psilovikos: *Stability analysis of an implicit finite difference scheme of the governing differential equation used by groundwater model modflow*.
26. Konstantinos Stasinou, Christos Neofitou, Panagiotis Pantazis, Aris Psilovikos, Nikos Neofitou, Petros Lolas: *Ecological gradients affecting the abundance and biodiversity of macro-invertebrates in the estuarine system of Sperchios River, Central Greece*. *Fresenius Environmental Bulletin* 01/2007; 16(9).

27. Aris Psilovikos, Sophia Margoni, Antonios Psilovikos: *Simulation and Trend Analysis of the Water Quality Monitoring Daily Data in Nestos River Delta. Contribution to the Sustainable Management and Results for the Years 2000–2002*. Environmental Monitoring and Assessment 06/2006; 116(1-3):543-62., DOI:10.1007/s10661-006-7671-9
28. Aris Psilovikos: *Response Matrix Minimization Used in Groundwater Management with Mathematical Programming: A Case Study in a Transboundary Aquifer in Northern Greece*. Water Resources Management 01/2006; 20(2):277-290., DOI:10.1007/s11269-006-0324-5
29. George Papaevangelou, Aris Psilovikos, Dimitrios Ioannidis: *Error Analysis of Hydrostatic Force Measurements*. WSEAS Transactions on Fluid Mechanics 01/2006; 1(2):156-163.
30. Aris Psilovikos: *Analysis of the governing partial differential equation of Modflow simulation model with two algorithms of backward differences*.
31. Ar. Psilovikos: *Contribution of monitoring in sustainable management and prevention of environmental hazards in the transboundary river Nestos. The perspective of application of directive 2000/60. ΣΥΜΒΟΛΗ ΤΗΣ ΠΑΡΑΚΟΛΟΥΘΗΣΗΣ (MONITORING) ΣΤΗΝ ΟΡΘΟΛΟΓΙΚΗ ΔΙΑΧΕΙΡΙΣΗ ΚΑΙ ΤΗΝ ΠΡΟΛΗΨΗ ΠΕΡΙΒΑΛΛΟΝΤΙΚΩΝ ΚΙΝΔΥΝΩΝ ΣΤΟ ΔΙΑΣΥΝΟΡΙΑΚΟ ΠΟΤΑΜΟ ΝΕΣΤΟ. Η ΠΡΟΟΠΤΙΚΗ ΓΙΑ ΤΗΝ ΕΦΑΡΜΟΓΗ ΤΗΣ ΟΔΗΓΙΑΣ 2000/60.*
32. Aris Psilovikos, Sophia Margoni, Antonios Psilovikos: *Monitoring Water Quality Parameters of the Transboundary River Nestos*. American Journal of Applied Sciences 04/2005; 2(4)., DOI:10.3844/ajassp.2005.759.762
33. Christos Neofitou, Anastasios Dimitriadis, Panagiotis Pantazis, Aris Psilovikos, Nikos Neofitou, Athanasios Paleokostas: *Self-purification of a long-stretched gully affects the restoration of an alpine-type lake in Northern Greece*. Fresenius Environmental Bulletin 01/2005; 14(12):1141-1149.
34. Aris Psilovikos, Christos Tzimopoulos: *Comparison of quadratic and non-linear programming (QP and NLP) optimization models in groundwater management*. Journal of Hydroinformatics 07/2004; 6(3):175-185., DOI:10.2166/hydro.2004.0014
35. Aris Psilovikos, Christos Dimitrios Tzimopoulos: *Comparison of quadratic and non-linear programming (QP and NLP) optimization models in groundwater management*. Journal of Hydroinformatics 07/2004; 6(3).
36. Aris Psilovikos, Christos Dimitrios Tzimopoulos: *Time Superposition Removal form Unit Response Matrix used in Groundwater Management. Άρση της Χρονικής Επαλληλίας από το Μητρώο Μοναδιαίας ανταπόκρισης στη Διαχείριση Υπόγειου Υδροφορέα*.
37. Aris Psilovikos, Christos Tzimopoulos: *Sensitivity Analysis of Cost Coefficients in Groundwater Management with Linear Programming. Ανάλυση Ευσθησίας των Συντελεστών Κόστους στην Περίπτωση Βελτιστοποίησης Υπόγειου Υδροφορέα με Γραμμικό Πρόγραμματισμό*.
38. A.A. Psilovikos: *Optimization models in groundwater management, based on linear and mixed integer programming. An application to a Greek hydrogeological basin*. Physics and Chemistry of the Earth Part B Hydrology Oceans and Atmosphere 12/1999; 24(1-2-24):139-144., DOI:10.1016/S1464-1909(98)00025-2

## Conference Proceedings

1. Anthimos Spiridis, Vasiliki Koutalou, Ioanna Geka, Ioannis Zacharopoulos, Aris Psilovikos, Evangelos Keramaris, Lina Karamoutsou, Ioannis Petikas: *DEVELOPMENT AND*

- IMPLEMENTATION OF POLYNOMIAL EQUATIONS OF SYNTHETIC UNIT HYDROGRAPH. 14th Conference of the Hellenic Hydrotechnical Association, Volos, Greece; 05/2019
2. Anthimos Spiridis, Vassiliki Koutalou, Ioanna Geka, Ioannis Zacharopoulos, Evangelos Keramaris, Aris Psilovikos, Ioannis Petikas, Lina Karamoutsou: *CALCULATION OF IDF CURVES FOR THE AREA OF AMYNTAIO*. 14th Conference of the Hellenic Hydrotechnical Association, Volos, Greece; 05/2019
  3. Dimitris Kalogiros, Aris Psilovikos: *ESTIMATE AND COMPARATIVE ANALYSIS OF THE PEAK RUNOFF VALUES OF THE CATCHMENT AREA OF RIVER LITHAIOS USING EMPIRICAL FORMULAS AND SYNTHETIC UNIT HYDROGRAPHS*. 14ο Πανελλήνιο Συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης, Volos, Greece; 05/2019
  4. Lina Karamoutsou, Aris Psilovikos: *THE USE OF ARTIFICIAL NEURAL NETWORK IN WATER QUALITY PREDICTION IN LAKE KASTORIA, GREECE. Η ΧΡΗΣΗ ΤΕΧΝΗΤΩΝ ΝΕΥΡΩΝΙΚΩΝ ΔΙΚΤΥΩΝ ΣΤΗΝ ΠΡΟΒΛΕΨΗ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΩΝ ΥΔΑΤΩΝ ΤΗΣ ΛΙΜΝΗΣ ΚΑΣΤΟΡΙΑΣ*. 14ο Πανελλήνιο Συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης, Βόλος, Ελλάδα; 05/2019
  5. Theodoros Papathanasiou, Marios Sapountzis, Aris Psilovikos: *The construction of dams along the bed of the "Gerampini" torrent of Zagora, Pelion, as an indicator of the effect on the riparian vegetation. Η κατασκευή φραγμάτων κατά μήκος της κοίτης του χειμάρρου «Γεραμπίνη» Ζαγοράς Πηλίου ως δείκτης επίδρασης στην παρόχθια βλάστηση*. 14ο Συνέδριο Ελληνικής Υδροτεχνικής Ένωσης (EYE), Volos, Greece; 05/2019
  6. Aris Psilovikos: *The Large-Scale Irrigation Networks in Serres Plain and the Lack of Water Resources Management - Τα Μεγάλα Αρδευτικά Έργα της Πεδιάδας Σερρών και η Έλλειψη διαχείρισης Υδατικών Πόρων. Σύγχρονες Προσεγγίσεις και Νέες Προκλήσεις της Γεωπονικής Έρευνας*. Ημερίδα στη Μνήμη του Επίκουρου Καθηγητή Ηρακλή Χαλκίδη, Department of Agriculture, Plant Production and Rural Environment, School of Agricultural Sciences, University of Thessaly, Volos; 12/2018
  7. Aris Psilovikos: *The Use of Stochastic Models for Predicting Water Quality Parameters. Case Study in the Transboundary (Balkan) Catchment of the Thesaurus Reservoir, River Nestos.. Catchment and River Processes in Regional Hydrology: Field Experiments and Modelling in Carpathians Basins*, Vienna, Austria; 11/2018
  8. Niki Matzafleri, Aris Psilovikos: *Eutrophication Assessment of Lake Kastorias using GIS Techniques*. HydroMediT2018, Volos, Greece; 11/2018
  9. Lina Karamoutsou, Aris Psilovikos, Antonis Sentas, Nikos Charizopoulos, Anthimos Spiridis: *STATISTICAL ANALYSIS OF WATER LEVEL IN THE CATCHMENT OF LAKE VEGORITIDA-WESTERN MACEDONIA-GREECE*. HydroMediT2018 International Congress, VOLOS, GREECE; 11/2018
  10. Stournaras Ch, Polixeni Lazaridou, Lina Karamoutsou, Aris Psilovikos, Christos Domenikiotis: *THE USE OF GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING IN THE DETERMINATION OF HYDROLOGICAL BASINS. THE CASE OF LAKE VEGORITIS*. HydroMediT2018 International Conference, VOLOS, GREECE; 11/2018
  11. T Minou, M Georgiadou, L Karamoutsou, A Psilovikos: *Comparison of the eutrophication status of two shallow lakes: The case studies of the Lakes Kastoria and Kerkini*. CEMEPE VI, Thessaloniki, Greece; 06/2017
  12. Lamprini Karamoutsou, Aris Psilovikos: *The interaction between the water level and the diversification of land uses in the Vegoritida's lake catchment*. CEMEPE VI, Thessaloniki, Greece; 06/2017



13. Dimitris Kalogiros, Aris Psilovikos: *Estimate of the Peak Runoff Values of the Mountainous Catchments of River Lithaios using Synthetic Unit Hydrographs*. HYDROMEDIT 2016, Mesologgi, Greece; 11/2016
14. Lamprini Karamoutsou, Aris Psilovikos, Anthimos Spiridis, Vassiliki Koutalou, Iosif Papadopoulos, Vasilis Ampas, Per Stalnacke: *MODIFICATIONS IN THE VEGORITIDA'S LAKE CATCHMENT AND WATER LEVEL DURING THE LAST SIXTY YEARS*. HYDROMEDIT 2016, Mesologgi, Greece; 11/2016
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2. Journal Environmental Science and Health, part A.
3. Desalination
4. European Water
5. Journal of Spatial Hydrology
6. Journal of Environmental Management
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8. Hydrological Processes
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18. Bulletin of the Geological Society of Greece

## International Collaborations

1. Department of Civil & Environmental Engineering, University of Michigan, Ann Arbor, USA - Visiting Professor as a Fulbright Exchange Scholar (2012)
2. Stanley Hydraulics Laboratory, Department of Civil & Environmental Engineering, University of Iowa, Iowa City, USA (2012)
3. Department of Physical and Environmental Sciences, University of Toronto, Canada (2012)
4. Department of Civil, Environmental and Ocean Engineering, Stevens Institute of Technology, NJ - USA (2012).
5. Universidad Politecnica de Madrid - Escuela de Ingeniería Forestal y del Medio Natural (2014).
6. Laboratory of Microbiology, University of Neuchatel, Switzerland (2013).
7. Department of Hydrology and Water Resources Management, Faculty of Meteorology, Environment & Arid Land Agriculture, King Abdulaziz University, Jeddah, KSA (2013 - ).
8. NIBIO, Norway (2018).
9. Faculty of Civil Engineering, Slovak University of Technology, Bratislava, Slovakia (2018 - ).
10. Centre for Marine & Environmental Research, University of Algarve, Faro, Portugal (2019 - ).