

PERSONAL INFORMATION

Ioannis Panagopoulos



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🔗 <https://scholar.google.gr/citations?hl=en&user=&user=4Dq0rroAAAAJ>

Sex Male | Nationality Greek

EXPERTISE

Hydrology, Hydrologic Modelling, Water Resources and River Basin Planning and Management: Agricultural pressures on Water Quantity and Quality, BMPs for water efficiency and nutrient management in rural river basins, Multi-stressor analysis on water resources.

WORK EXPERIENCE

2018– Current

Research Associate

Hellenic Center for Marine Research (HCMR), Institute of Marine Biological Resources and Inland Waters (IMBRIW)

- HIMIOFOTS

- Hellenic Integrated Marine-Inland waters Observing Forecasting and offshore Technology System.

- Member of the Greek Research Infrastructure roadmap

- COASTAL

- Collaborative Land Sea Integration Platform EU H2020 No 773782. <https://h2020-coastal.eu/>

2014– 2018

Research Associate

Centre for Hydrology and Informatics, School of Civil Engineering, National Technical University of Athens (NTUA)

- MARS: Managing Aquatic ecosystems and water Resources under multiple Stress. DG Research FP7-ENV-2013. <http://www.mars-project.eu/> (2/2014-1/2018)

2012– 2013

Research Associate

Center for Agricultural and Rural Development, Department of Economics, Iowa State University, USA

- National Science Foundation (NSF), Award No. DEB1010259. Understanding Land Use Decisions & Watershed Scale Interactions: Water Quality in the Mississippi River Basin & Hypoxic Conditions in the Gulf of Mexico

- http://www.card.iastate.edu/about/news/show_release.aspx?id=68

- U.S. Department of Agriculture, National Institute of Food and Agriculture (USDA - NIFA), Award No. 20116800230190. Climate Change, Mitigation, and Adaptation In Corn-Based Cropping Systems.

- <http://sustainablecom.org/>

- U.S. Department of Agriculture, National Institute of Food and Agriculture (USDA - NIFA), Agriculture and Food Research Initiative, award 20116800530411, Sustainable Production and Distribution of Bioenergy for the Central U.S.: An Agro-ecosystem Approach to Sustainable Biofuels Production via the Pyrolysis-Biochar Platform

- <https://cenusa.iastate.edu/>

2011– 2012

Research Associate

Centre for Hydrology and Informatics, School of Civil Engineering, NTUA

- European Project i-adapt 2011–2012. EU / DG Environment. «Innovative approaches to halt desertification in Pinios: Piloting emerging technologies»

- EPI-Water 2011-2013. EU/DG Research FP7 project: Evaluating Economic Policy Instruments for Sustainable Water Management in Europe.

2004– 2010 **Research Associate**

Centre for Hydrology and Informatics, School of Civil Engineering, NTUA

- Research in the areas of Hydrology, Hydrologic modelling, Nutrient loss and Diffuse water pollution, Water Resources and River Basin Management
- Participation in the technical co-ordination and/or research activities of the EU-funded research projects: EUROHARP (EU/DG Research FP5), COST Action 869 (national representative), European Topic Centre on Water (ETC/W), Bringing the OpenMi to Life (EU/ DG Environment, ENV.E-4-Life), MEDDMAN (Interreg III B CADSES), FLOODMED (Interreg III B CADSES), HYDROCARE (Interreg III B CADSES), CADSEALAND (Interreg III B CADSES), IWRM-net (EU/DG Research FP6), SPI-WATER (EU/DG Research FP5), HARMONQUA (EU/DG Research FP5), Harmon IT – IT Frameworks (EU/DG Research FP5).

EDUCATION AND TRAINING

2004-2010 **PhD in Water Resources**

Department of Water Resources and Environmental Engineering, School of Civil Engineering, National Technical University of Athens (NTUA)

PhD thesis: *Decision making for planning sustainable measures for water quality protection against non-point source pollution*

2002-2004 **MSc in Water Resources Science and Technology**

Department of Water Resources and Environmental Engineering, School of Civil Engineering, National Technical University, Athens (NTUA)

Master thesis: *Soil investigation for the improvement of the SWAT model performance in assessing land use change effects in the Thessaly Plain*

1997-2002 **Diploma in Natural Resources Science and Agricultural Engineering**

Department of Soil and Water Resources Management and Agricultural Engineering, Agricultural University of Athens (AUA)

Thesis: *Representation of the hydrogeological regime of the wider area of lake Koumoundourou, Aspropirgos, Attica with the use of MODFLOW for groundwater flow simulation*

PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	A2	A2	A2	A2	A2

Organisational / managerial skills

Ioannis Panagopoulos has been involved in European and US research projects dealing with water quantity/quality issues and agricultural systems sustainability within a river basin management context and under climate change conditions. He has coordinated participatory modelling activities via direct communication and consultation of stakeholders and has supported interdisciplinary groups of people in the formulation of programs of agricultural measures and the assessment of their efficiency and/or cost-efficiency in tackling water problems. In particular, he has had a leading role in making environmental and economic assessments of measures and testing economic/policy instruments for the design of sustainable water and crop management schemes in agricultural basins. Recently, he coordinated the European Southern basins group and the Work Package on the 'European matrix of stress and impact' in the DG Research FP7-ENV-2013 MARS project, being also a member of the project steering group. His academic/scientific profile also includes teaching experience on water related courses at NTUA, coordinating water related sessions in national and international conferences and organizing workshops with stakeholders within research projects. Finally, he is active in new EU H2020 and other funding areas, within the setting up of consortia and the development of proposals, mostly in the thematic areas of agricultural sustainability, water quality, water demand and efficiency.

ADDITIONAL INFORMATION

Recent research project

MARS: Managing Aquatic ecosystems and water Resources under multiple Stress DG Research FP7-ENV-2013, 2014-2018.

The MARS consortium included 19 research institutes and five water boards and environment agencies from all across Europe. It supported water managers and policy makers in the practical implementation of the WFD, the related legislation and the Blueprint to Safeguard Europe's Water Resources:

- By conducting new research and synthesizing existing knowledge regarding the effects and management of multiple stressors in surface water and groundwater bodies.
- By advising the 3rd RMBP cycle and the revision of the WFD.
- By developing new integrated tools for diagnosing and predicting multiple stressors in water resource management.

It engaged with European initiatives addressing related topics, thus acting as an integrating project. Work was organized at the scales of water bodies, river basins and Europe. At each scale there is a direct link to water managers and decision makers. Nested within the scale structure, a suite of methods were employed:

- Flume and mesocosm experiments to better understand the effects of selected stressor combinations with a focus on extremes and hydrological stress
- Linkage of "abiotic" and "biotic" models to predict effects of stressor combinations at a river basin scale
- Large-scale data analysis employing existing databases, but including additional variables, to gain a Europe-wide overview of stress, status and ecosystem services.

Reviews

Reviewer of International Scientific Journals:

Agricultural Water Management – Computers and Electronics in Agriculture – Ecological Engineering – Ecological Modelling – Ecological Indicators – Environmental Modelling and Software – Environmental Processes – Environmental Science and Pollution Research – GCB Bioenergy – Global Nest Journal – Great Lakes Research – Hydrological Processes – Hydrological Sciences Journal – Journal of Environmental Management – Journal of Environmental Quality – Journal of Hydro-Environmental Research – Journal of Hydrology – Journal of Water and Climate Change – Journal of Water Resources Planning and Management – Land Degradation & Development – Science of the Total Environment – Water – Water Resources Management.

Honours/Awards

PhD Scholarship from the Greek State Scholarship's Foundation (IKY) in the scientific field: «Sustainable Water Resources Management», 11/2005-11/2008.

Teaching

National Technical University of Athens, School of Civil Engineering. Teaching Assistant.

Undergraduate courses

- Technical Hydrology (academic years: 2004-2005 - 2010-2011)
- Water Resources Systems Technology (academic years: 2008-2009 - 2010-2011)
- Reclamation Works in Agriculture (academic years: 2008-2009, 2009-2010, 2010-2011)

Postgraduate courses of the Master cycle «Water Resources Science and Technology»

- Advanced Hydrology (academic years: 2005-2006 - 2010-2011)
- Floods and Floods Protection Works (academic years: 2005-2006 - 2010-2011)
- Water Resources Management (academic year: 2005-2006)

Publications Number of scientific peer-review publications in journals: 32
H-index (Scopus): 15. H-index (Google Scholar): 17.

Google Scholar webpage: <https://scholar.google.gr/citations?user=4Dq0rroAAAAJ&hl>

Research gate: https://www.researchgate.net/profile/Yiannis_Panagopoulos

Linkedin: <https://www.linkedin.com/in/yiannis-panagopoulos-59212223/>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=26323295600>

ORCID: <https://orcid.org/0000-0002-8809-7497>

List of peer-review journal publications:

1. Stefanidis K., **Y. Panagopoulos**, M. Mimikou, 2018. Response of a multi-stressed Mediterranean river to future climate and socio-economic scenarios. *Science of the Total Environment* 627, 756-769.
2. Cibir, R., I. Chaubey, R.L. Muenich, K.A. Cherkauer, P.W. Gassman, C.L. Kling and **Y. Panagopoulos**, 2017. Influence of bioenergy crop production and climate change on ecosystem services. *Journal of the American Water Resources Association* 53(6), 1323-1335 DOI:10.1111/1752-1688.12591.
3. Gassman, P.W., A. Valcu, C.L. Kling, **Y. Panagopoulos**, R. Cibir, I. Chaubey, C.F. Volter, and K.E. Schilling, 2017. Assessment of bioenergy cropping scenarios for the Boone River watershed in North Central Iowa, United States. *Journal of the American Water Resources Association* 53(6), 1336-1354 DOI:10.1111/1752-1688.12593.
4. **Panagopoulos, Y.**, P.W. Gassman, C.L. Kling, R. Cibir, and I. Chaubey, 2017. Water quality assessment of large-scale bioenergy cropping scenarios for the Upper Mississippi and Ohio-Tennessee River basins. *Journal of the American Water Resources Association* 53(6), 1355-1367 DOI:10.1111/1752-1688.12594.
5. Kling, C.L., I. Chaubey, R. Cibir, P.W. Gassman, and **Y. Panagopoulos**, 2017. Policy implications from multi-scale watershed models of biofuel crop adoption across the Corn Belt. *Journal of the American Water Resources Association* 53(6), 1313-1322 DOI:10.1111/1752-1688.12592.
6. Psomas, A., **Y. Panagopoulos**, K. Stefanidis, M. Mimikou, 2017. Assessing future water supply and demand in a water-stressed catchment after environmental restrictions on abstractions. *Journal of Water Supply: Research and Technology – AQUA* 66 (7), 442-453.
7. Psomas, A., V. Dagalaki, **Y. Panagopoulos**, D. Konsta, M. Mimikou, 2016. Sustainable agricultural water management in Pinios river basin using remote sensing and hydrologic modeling. *Procedia Engineering* 162, 277-283.
8. Psomas, A., **Y. Panagopoulos**, D. Konsta, M. Mimikou, 2016. Designing water efficiency measures in a catchment in Greece using WEAP and SWAT models. *Procedia Engineering* 162, 269-276.
9. Stefanidis, K., **Y. Panagopoulos**, A. Psomas, M. Mimikou, 2016. Assessment of the natural flow regime in a Mediterranean river impacted from irrigated agriculture. *Science of the Total Environment* 573, 1492-1502.
10. Stefanidis, K., **Y. Panagopoulos**, M. Mimikou, 2016. Impact assessment of agricultural driven stressors on benthic macroinvertebrates using simulated data, *Science of the Total Environment* 540, 32-42.
11. **Panagopoulos, Y.**, P.W. Gassman, R.W. Arritt, D.E. Herzmann, T.D. Campbell, A. Valcu et al., 2015. Impacts of climate change on hydrology, water quality and crop productivity in the Ohio-Tennessee River Basin. *International Journal of Agricultural and Biological Engineering* 8(3), 29-46.
12. **Panagopoulos, Y.**, P.W. Gassman, M.K. Jha, C.L. Kling, T. Campbell, R. Srinivasan, M. White and J.G. Arnold, 2015. A refined regional modeling approach for the Corn belt – Experiences and recommendations for large scale integrated modeling. *Journal of Hydrology* 524, 348-366.
13. Hering, D., L. Carvalho, C. Argillier, M. Beklioglu, A. Borja, A.C. Cardoso, H. Duel, T. Ferreira, L. Globevnik, J. Hanganu, S. Hellsten, E. Jeppesen, V. Kodes, A.L. Solheim, T. Noges, S. Ormerod, **Y. Panagopoulos**, S. Schmutz, M. Venohr, S. Birk, 2015. Managing aquatic ecosystems and water resources under multiple stress – an introduction to the MARS project. *Science of the Total Environment* 503, 10-21.
14. **Panagopoulos, Y.**, K. Stefanidis, M. Mimikou, 2014. Description of an environmental database for the catchment of river Pinios, Thessaly in Greece. *Freshwater Metadata Journal* 3, 1-7.
15. Kling, C.L., **Y. Panagopoulos**, S.S. Rabotyagov, A.M. Valcu, P.W. Gassman, T. Campbell, M.J. White, J.G. Arnold, R. Srinivasan, M.K. Jha, J.J. Richardson, L.M. Moskal, R.E. Turner, and N.N. Rabalais, 2014. LUMINATE: Linking Agricultural Land Use, Local Water Quality and Gulf of Mexico Hypoxia. *European Review of Agricultural Economics* 1-29.
16. **Panagopoulos, Y.**, P.W. Gassman, R. Arritt, D.E. Herzmann, T. Campbell, M.K. Jha, C.L. Kling, R. Srinivasan, M. White and J.G. Arnold, 2014. Surface water quality and cropping

- systems sustainability under a changing climate in the upper Mississippi river basin. *Journal of Soil and Water Conservation* 69(6), 483-494.
17. **Panagopoulos, Y.**, C. Makropoulos, A. Gkiokas, M. Kossida, L. Evangelou, G. Lourmas, S. Michas, C. Tsadilas, S. Papageorgiou, V. Perleros, S. Drakopoulou and M. Mimikou, 2014. Assessing the cost-effectiveness of irrigation water management practices in water stressed agricultural catchments: the case of Pinios, 2014. *Agricultural Water Management* 139, 31-42.
 18. **Panagopoulos, Y.**, C. Makropoulos, M. Kossida and M. Mimikou, 2013. Optimal implementation of irrigation practices: Cost-effective desertification action plan for the Pinios basin. *Journal of Water Resources Planning and Management* 140(10), 1943-5452 10.1061/(ASCE)WR.1943-5452.0000428.
 19. Jha, M.K., P.W. Gassman, **Y. Panagopoulos**, 2013. Regional changes in nitrate loadings in the Upper Mississippi River Basin under predicted mid-century climate. *Regional Environmental Change* 15(3), 449-460.
 20. **Panagopoulos, Y.**, C. Makropoulos, M. Mimikou, 2013. Multi-objective optimisation for diffuse pollution control at zero cost. *Soil Use and Management* 29 (s1), 83-93.
 21. **Panagopoulos, Y.**, C. Makropoulos, M. Mimikou, 2012. Decision Support for Agricultural Water Management. *GlobalNEST Journal* 14(3), 255-263.
 22. **Panagopoulos, Y.**, C. Makropoulos, M. Mimikou, 2012. Decision Support for Diffuse Pollution Management. *Environmental Modelling and Software* 30, 57-70.
 23. **Panagopoulos, Y.**, C. Makropoulos, E. Baltas, M. Mimikou, 2011. SWAT parameterization for the identification of critical diffuse pollution source areas under data limitations. *Ecological Modelling* 222 (19), 3500-3512.
 24. **Panagopoulos, Y.**, C. Makropoulos, M. Mimikou, 2011. Reducing surface water pollution through the assessment of the cost-effectiveness of BMPs at different spatial scales. *Journal of Environmental Management* 92(10), 2823-2835.
 25. **Panagopoulos, Y.**, C. Makropoulos, M. Mimikou, 2011. Diffuse surface water pollution: driving factors for different geoclimatic regions. *Water Resources Management* 25, 3635-3660.
 26. Schoumans, O.F., M. Silgram, P. Groenendijk, F. Bouraoui, H.E. Andersen, B. Kronvang, H. Behrendt, B. Arheimer, H. Johnsson, **Y. Panagopoulos**, M. Mimikou, A. Lo Porto, H. Reisser, G. Le Gall, A. Barr, S.G. Anthony, 2009. Description of nine nutrient loss models: capabilities and suitability based on their characteristics. *Journal of Environmental Monitoring* 11, 506-514.
 27. Schoumans, O.F., M. Silgram, D.J.J. Walvoort, P. Groenendijk, F. Bouraoui, H.E. Andersen, A. Lo Porto, H. Reisser, G. Le Gall, S. Anthony, B. Arheimer, H. Johnsson, **Y. Panagopoulos**, M. Mimikou, U. Zeynert, H. Behrendt, A. Barr, 2009. Evaluation of the difference of eight model applications to assess diffuse annual nutrient losses from agricultural land. *Journal of Environmental Monitoring* 11, 540-553.
 28. Kronvang, B., H. Behrendt, H.E. Andersen, B. Arheimer, A. Barr, S.A. Borgvang, F. Bouraoui, K. Granlund, B. Grizzetti, P. Groenendijk, E. Schwaiger, J. Hejzlar, L. Hoffmann, H. Johnsson, **Y. Panagopoulos**, A. Lo Porto, H. Reisser, O. Schoumans, S. Anthony, M. Silgram, M. Venohr and S.E. Larsen, 2009. Ensemble modelling of nutrient loads and nutrient load partitioning in 17 European catchments. *Journal of Environmental Monitoring* 11, 572-583.
 29. Hejzlar, J., S. Anthony, B. Arheimer, H. Behrendt, F. Bouraoui, B. Grizzetti, P. Groenendijk, M.H.J.L. Jeuken, H. Johnsson, A. Lo Porto, B. Kronvang, **Y. Panagopoulos**, C. Siderius, M. Silgram, M. Venohr and J. Žaloudík, 2009. Nitrogen and phosphorus retention in surface waters: an inter-comparison of predictions by catchment models of different complexity. *Journal of Environmental Monitoring* 11, 584-593.
 30. **Panagopoulos, Y.**, E. Georgiou, A. Grammatikogiannis, E. Polizoï, M. Mimikou, 2008. Impacts of Human Interaction on the Sediment Transport Processes in the Arachtos River Basin; Western Greece. *European Water* 21/22, 3-16.
 31. **Panagopoulos, I.**, M. Mimikou, M. Kapetanaki, 2007. Estimation of nitrogen and phosphorus losses to surface water and groundwater through the implementation of the SWAT model for Norwegian soils. *Journal of Soils & Sediments* 7(4), 223-231.
 32. Bekiaris, I., **I. Panagopoulos**, M. Mimikou, 2005. Application of the SWAT (Soil and water assessment tool) model in the Ronnea catchment of Sweden. *GlobalNEST International Journal*, 7(3), 313-322.

List of peer-review abstracts or papers presented in Conferences:

1. **Panagopoulos Y.**, K. Stefanidis, M. F. Sanchez, A. Zachos, S. Birk, L. Globevnik, M. Mimikou, 2017. Assessing the hydrologic alteration of rivers in Europe. "CEST 2017 15th International Conference on Environmental Science and Technology" Rhodes, Greece, 31 August to 2 September 2017.
2. Stefanidis K., **Y. Panagopoulos**, A. Psomas, M. Mimikou, 2016. A methodological approach for evaluating ecological flows using ecological indicators: A case study in river Pinios, Greece. *Abstracts of the First GLOBAQUA Conference, Managing The Effects Of Multiple Stressors On Aquatic Ecosystems Under Water Scarcity*. 11-12 Jan. Freising,

- Germany.
3. Gassman, P.W., A. Valcu, C. Kling, **Y. Panagopoulos**, C. Raj, I. Chaubey, J. Arnold, C. Wolter, K. Schilling, 2015. Assessment of Bioenergy Cropping Scenarios for the Boone River Watershed in North Central Iowa, United States. *Presented at the 2015 International SWAT Conference*, October 14-16, Purdue University, West Lafayette, IN, USA.
 4. **Panagopoulos Y.**, P. Gassman, C. Kling, C. Raj, I. Chaubey, J. Arnold, 2015. Assessment of Large-Scale Bioenergy Cropping Scenarios for the Upper Mississippi and Ohio-Tennessee River Basins. *Presented at the 2015 International SWAT Conference*, 14-16 Oct. Purdue University, West Lafayette, IN, USA.
 5. M. Mimikou, **Y. Panagopoulos**, C. Makropoulos, 2013. Estimation of river sediment yields and temporal sediment deposition in the hydroelectric Ilarionas reservoir, *2nd Panhellenic Conference of Dams and Reservoirs*, Athens, Nov 7-8, 2013.
 6. Gassman P.W., **Y. Panagopoulos**, R. Srinivasan, M.J. White, M.K. Jha, J.G. Arnold, T.D. Campbell, J. Richardson, S. Rabotyagov, A.M. Valcu, C.L. Kling, R.E. Turner, M.L. Moskal and N. Rabalais. 2013. The development of SWAT modeling systems for large Corn Belt river basins. Part 1: Description of modeling system components. *Presented at the 13th International Conference on Environmental Science and Technology (CEST2013)*, 5-7 Sept. Athens, Greece.
 7. **Panagopoulos Y.**, P.W. Gassman, C.L. Kling, T.D. Campbell, M.K. Jha, R. Srinivasan, M.J. White and J.G. Arnold. 2013. The development of SWAT modelling systems for large Corn Belt river basins. Part 2: Model performance and evaluation. Presented at the *13th International Conference on Environmental Science and Technology (CEST2013)*, 5-7 Sep. 2013, Athens, Greece and at the *ASABE Annual International Meeting*, 21-24 July 2013, Kansas City, MO USA.
 8. **Panagopoulos Y.**, P.W. Gassman, C.L. Kling, T. Campbell, M. Jha, R. Srinivasan, M. White and J.G. Arnold. 2013. The effect of nutrient reduction practices on water quality of the large Corn Belt river basin systems under existing and future climate. Presented at the *2013 International SWAT Conference*, 17-19 July 2013, Toulouse, France and at the *3rd SWAT Conference in South Asia and East Asia (SWAT SEEA III)*, 18-19 June 2013, Bogor, Indonesia.
 9. **Panagopoulos Y.**, C. Makropoulos and M. Mimikou, 2013. Agricultural Water Management in the Water Stressed Pinios River Basin in Central Greece. *International Conference on Environmental Science and Technology – Cappadocia (ICOEST)*, 18-21 June 2013, Urgup, Nevsehir, Turkey.
 10. **Panagopoulos Y.**, C. Makropoulos, M. Mimikou, 2012. A multi-objective decision support tool for rural basin management. *International Environmental Modelling and Software Society (iEMSs), 2012 International Congress on Environmental Modelling and Software, Managing Resources of a Limited Planet: Pathways and Visions under Uncertainty*. 1-5 July, Leipzig, Germany.
 11. **Panagopoulos Y.**, C. Makropoulos, M. Mimikou, 2011. A decision support tool for a cost-effective mitigation of non-point source pollution. *International SWAT Conference*, June 15-17, Toledo, Spain.
 12. **Panagopoulos Y.**, C. Makropoulos, M. Mimikou, 2010. Multiobjective optimization for the allocation of cost-effective BMPs at the watershed scale. *The 6th International Phosphorus Workshop (IPW6)* 27 Sep – 1 Oct. Sevilla, Spain.
 13. **Panagopoulos Y.**, C. Makropoulos, M. Mimikou, 2010. Prediction of water quality improvements due to man-made alterations in agricultural management practices. *HydroPredict' 2010. International Interdisciplinary Conference on Predictions for Hydrology, Ecology and Water Resources Management. Changes and Hazards Caused by Direct Human Interventions and Climate Change*. 20-23 Sep. Prague, Czech Republic.
 14. Ribarova, Pl. Ninov, M. Volk, F. Melone, T. Moramarco, E. Safiolea, **Y. Panagopoulos**, M. Zdralewicz, N. Berni & A. Ghinescu, 2009. Comparison of eight rainfall-runoff models for flood simulations. *Conference on Computing and Control in the Water Industry, 'Integrating Water Systems' Conference Topic: Sustainable urban water management including flooding issues*. The Edge, University of Sheffield, UK.
 15. **Panagopoulos Y.**, 2009. Agricultural management change effects on river nutrient yields in a catchment of Central Greece. Poster presentation in: *General Assembly 2009, European Geosciences Union, HS5 Catchment Hydrology – 11 Water quality at the catchment scale: prediction and management of nutrient and sediment fluxes*, 19-24 April, Vienna, Austria.
 16. Panagoulia D., **Y. Panagopoulos**, 2009. Snow cover distribution over elevation zones in a mountainous catchment. Oral presentation in: *General Assembly 2009, European Geosciences Union, HS10 Hydrological Forecasting – 04 Medium and long-term hydrological forecasting for water management and allocation*, 19-24 April, Vienna, Austria.
 17. **Panagopoulos Y.**, N. Efthimiou, M., Mimikou, 2007. Phosphorus fate and transport modelling in a catchment of Western Greece and identification of critical source areas, *The 5th International Phosphorus Workshop (IPW5)*, 3-7 September, Silkeborg, Denmark.
 18. **Panagopoulos Y.**, E. Polyzoi, M. Mimikou, 2007. LAND Use Change Effects on River

- Sediment Yields in Western Greece. *4th International SWAT Conference*, 2-6 July 2007, Delft, The Netherlands.
19. Zerva, E., **Y. Panagopoulos** and M. Mimikou, 2007. Construction of synthetic hydrographs for runoff simulation in a Greek experimental basin in Pikermi, Attica. 6th National Congress of the Hellenic Committee of Water Resources Management on "Integrated Water Resources Management at Catchment Scale", 14-16 June, Chania, Greece.
 20. Zerva, E., **Y. Panagopoulos** and M. Mimikou, 2007. Hydrological flood wave routing and assessment of lateral inflows into the main river of the experimental basin in Pikermi, Attica. 6th National Congress of the Hellenic Committee of Water Resources Management on "Integrated Water Resources Management at Catchment Scale", 14-16 June, Chania, Greece.
 21. Mimides, Th., **Y. Panagopoulos**, S. Rizos, E. Trikoili, D. Stavropoulos, 2006. Groundwater flow simulation in the aquifer of lake Koumoundouroy, Aspropirgos, Attica, with the use of MODFLOW Groundwater Vistas Software. Proc. 10th Panhellenic Congress of the Hellenic Hydrotechnical Association on "Water Resources Management and Environmental Protection - Current Approaches. Problems and Perspectives", 461-468. 19-21/10/2006, Xanthi, Greece.
 22. **Panagopoulos, I.**, M. Mimikou, 2006. Assessment of the changes in the Arachthos river flow and sediment discharges due to anthropogenic interventions. *Protection and Restoration of the Environment VIII*, 3-7 July 2006, Chania, Greece.
 23. **Panagopoulos, I.**, M. Mimikou, I. Bekiaris, 2006. Catchment Modeling for the Estimation of Nutrient Losses In Surface Waters. *Proceedings of the Conference on Protection and Restoration of the Environment VIII*, 3-7 July 2006, Chania, Greece.

List of Technical Reports (selected):

1. Globevnik L., S. Birk, M. Koprivšek, J. Mahnkopf, **Y. Panagopoulos**, M. Pucher, R. Schinegger, M.F Sanchez, L. Snoj, K. Stefanidis, M. Venohr (2017). Reports on stressor classification and effects at the European scale. EU wide multi-stressors classification and large scale causal analysis. D 5.1.1 Part 2 - Analysis of pressure - response relations: classification of multiple pressures on broad river types. Deliverable 5.1: Five Reports on stressor classification and effects at the European scale. The MARS project (Managing Aquatic ecosystems and water resources under multiple stress). FP7 No. Contract: 603378.
2. **Panagopoulos Y.**, K. Stefanidis, S. Birk, L. Globevnik, A. Zachos, J. Lemm, M.F. Sanchez, L. Snoj, M. Koprivšek, M. Mimikou (2017). Reports on stressor classification and effects at the European scale. EU-wide multistressors classification and large scale causal analysis. D5.1-2: Relation of low flows, E-flows, and Ecological Status. Deliverable 5.1: Five Reports on stressor classification and effects at the European scale. The MARS project (Managing Aquatic ecosystems and water resources under multiple stress). FP7 No. Contract: 603378
3. **Panagopoulos Y.**, K. Stefanidis, M. Mimikou, J. Hanganu, A. Constantinescu, M. Beklioğlu, T. Bucak, Ş. Erdoğan, A.I Çakiroğlu, E. Çakmak, J. Coppens, C. Almeida, P. Branco, R. Neves, P. Segurado (2017). Case study synthesis: Report on case studies from Southern river basins. Deliverable 4.1-1 The MARS project (Managing Aquatic ecosystems and water resources under multiple stress). FP7 No. Contract: 603378
4. Mimikou, M., Makropoulos, C., **Panagopoulos, Y.**, 2011. Study of sedimentation of the Ilarionas reservoir, Final Report, 43 pp. Consulting to the Public Power Corporation.
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6. Collins R.P., Kristensen P., Thyssen N, Bräuer I., Dworak T., Grünig M., Kampa E., De Roo C., Kossida M., Monokrousou K. and **Panagopoulos Y.**, 2009. *Water resources across Europe - confronting water scarcity and drought*. EEA Report No 2/2009. ISBN 978-92-9167-989-8, ISSN 1725-9177, DOI 10.2800/16803. Available online: <http://www.eea.europa.eu/publications/water-resources-across-europe>
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