CURRICULUM VITAE

Patras, October 2023

1. GENERAL INFORMATION

Name: Panayotis C. Yannopoulos

Birth year and place: 1953, Vounargon of Ileias Prefecture, Greece.

Married with Angeliki Victoratou and they have three children.

Organization of main occupation: University of Patras, 265 04 Patras, Greece

Tel. (+30 2610) 996527, 996534 – Fax (+30 2610) 996573

E-mail: [yannopp@upatras.gr](mailto:yannopp@upatras.gr), [p.c.yannopoulos@upatras.gr](mailto:p.c.yannopoulos@upatras.gr)

Title, position, activity: Emeritus Professor of the University of Patras from September 2020.

Full Professor, Director of the Environmental Engineering Laboratory of the Civil Engineering Department 2014-2020.

Diploma, year: Faculty of Civil Engineers of the National Technical University of Athens (N.T.U.A.), certified in 1976

Doctorate degree, year, dissertation title:

N.T.U.A., 1985, *Interaction of vertical round turbulent buoyant jets*

Foreign languages: English

Membership

* Technical Chamber of Greece, Greek Club of Civil Engineers, Hellenic Hydrotechnical Union, Greek Committee for Water Resources Management, European Water Resources Association, Greek Association of Computational Mechanics, British Graduates Society (B.G.S.), International Association for Hydraulic Research (I.A.H.R.), Association of University Departments of Environmental Sciences in Europe (auDes), Global Network of Environmental Science and Technology (G.NEST), Joint Specialist Group (JSG) on Marine Outfalls and Coastal Environment (MOCE). European Water Resources Association (EWRA) (Membership No. 00990034). European Geosciences Union (EGU) (Membership No. 188390, years 2012, 2013, 2015). International Water Association (IWA) (IWA membership number is 01063979).

Scientific areas of interest:

* Environmental Engineering with emphasis in the disposal of air pollutants and wastewater (pollutant transport and dispersion, design of disposal systems, discharge and quality measurements)
* River basin management and decision support, Environmental impact assessment caused by infrastructure works and related activities

Academic experience:

* Hydraulics Laboratory, Chair of Theoretical and Applied Hydraulics, N.T.U.A. (1979-1985)
* Visiting Research Assistant, Civil Eng. Department, University of Birmingham (1986-1987)
* Researcher, Division of Water Resources, Hydraulic and Maritime Engineering of the Civil Engineering Department, N.T.U.A. (1988).
* Lecturer, Department of Civil Engineering, University of Patras (1989-93)
* Assistant Professor, Department of Civil Engineering, University of Patras (1993-2007)
* Associate Professor, Department of Civil Engineering, University of Patras (2008-2014)
* Full Professor, Department of Civil Engineering, University of Patras (2014-2020)

Professional experience:

* Part-time employment, Technical Division of the Ministry of Public Works (1975-1976)
* Hellenic Air Force, Second Lieutenant, Maintenance of Air Force Installations (1976-1979)
* Free profession in Civil Engineering (1976-1993)
* Technical Examiner, Technical Chamber of Greece (1980)
* Hydraulic Engineering Consultant, Category 13, Certificate for Class B studies (1981-1993).

Awards:

* Visiting Research Assistant, Civil Eng. Department, University of Birmingham (1986-1987)
* Best Poster presentation, First World Conference on Experimental Heat Transfer, Fluid Mechanics and Thermodynamics, Dubrovnik, Yugoslavia, 1988, Eds. R.K. Shah, K.T. Yang and E.N. Ganic, Elsevier
* Best Poster Award “Simulation of variable-density groundwater flow and transport in the coastal aquifer of the Pyrgos area (Greece)” by Zissis Th. & Yannopoulos P., VI Int. Conf. “Water Engineering and Management in a Changing Environment”, European Water Resources Association (EWRA), Catania, Italy, June 29th - July 2nd, 2011, Chair of the Local Organizing Committee Prof. Antonini Cancelliere.
* Best Poster Award, “Proposing buffer zones and simple technical solutions for safeguardingriver water quality and public health” by Podimata M.V., Bekri E.S. & Yannopoulos P.C., General Assembly 2012 (EGU 2012), HS7.3/CL2.9/NP1.3 Climate, water and health. Convener: A. Langousis, 22–27 April 2012, Vienna, Austria.
* Best MSc Thesis award “Game Theory Applications in the Management of Sand-gravel mining in the River Alfeios” by Podimata M.V. & Yannopoulos P.C. E-Proceedings 2nd Common Congress of the Hellenic Hydrotechnical Union and Greek Committee for the Water Resources Management, 11-13 Oct. 2012, Patras, pp. 350-361 (in Greek).
* Distinguished proposal 34: Simulation of Inclined Buoyant Jet (4440). 2nd Competition of Applied Research and Innovation. INNOVATION 2012-13. COMPETITION ORGANIZATION: BSE and Eurobank EFG.
* Third award by Hellenic Hydrotechnical Union on 9.12.2013, for the Diploma Thesis “Transport of Pollution Loads” by Ch. N. Giannopoulos, supervised by P.C. Yannopoulos.

1. ORGANIZATION AND RESEARCH ACTIVITIES

Congresses Organizer and Chairman

* International Conference "*PROTECTION AND RESTORATION OF THE ENVIRONMENT XV*", Patras, Greece, 2020.
* 2nd Common Congress of the Hellenic Hydrotechnical Union and Greek Committee for the Water Resources Management, 11-13 Oct. 2012, Patras (in Greek).

Participation in Congresses Organizing Committees

* International Conference "*PROTECTION AND RESTORATION OF THE ENVIRONMENT II*", Patras, Greece, 1994.
* Panhellenic Conference of the Departments of Civil Engineering, 14-17 May 1997.
* 7th Panhellenic Conference of the Hellenic Hydrotechnical Union, University of Patras, October 14-18, 1997.
* International Conference "*PROTECTION AND RESTORATION OF THE ENVIRONMENT XVI*", Kalamata, Greece, 2022.

Worshops and Seminar organizer

* "*Interaction of Vertical Round Turbulent Buoyant Jets*" in the University of Birmingham, 20-5-1987.
* "*Waste and Wastewater Management*", Patras 1990, on behalf of ELKEPA.
* Workshop on "Environmental Problems of the Region of Western Greece", co-organized, Technical Chamber of Greece-Department of Western Greece, 1995.
* Workshop on "Treatment and Disposal of Liquid Industrial Waste" in the University of Patras, co-organized, Human Network for Dissemination of R&T Knowledge of the Operational Program of Research and Technology - EPET II, GSRT, 21-22/11/1996.
* Workshop on "Integrated Solid Waste Management in Western Greece, Problems - Prospects", in the University of Patras, May 29, 2002, co-organized by the University of Patras and the Technical Chamber of Greece-Department of Western Greece.
* Workshop moderator on «Aspects in developing an integrated management plan for a watershed. The Alfeios River basin case-study» in the International Conference Euroscience Mediterranean Event “ESME 2009”, 15-19/10/2009, Athens, Greece.
* Organizer and Chairman of eight (8) educational seminars in the Department of the Civil Engineering of the University of Patras with the titles:

1) "Peiros-Parapiros Dam and Accompanying Projects", Invited lectures: Lazaris G., Diamandopoulou P. and Stambolis D., 27/05/2015.

2) "Bioclimatic Design of Buildings", Invited lectures: Romanos J., Palantzas St. and Kapetanakis K., 25/05/2016.

3) "Bioclimatic Design of Buildings" (repeated), Invited lectures: Hadios K., Palantzas St. and Kapetanakis K., 07/12/2016.

4) "Statistical Checks for Model Selection and Validity of a Predictive Algorithm", Co-organized with P. Economou, Invited lecture: Batsidis A., 26/04/2017.

5) "Entrepreneurship in the Profession of Engineer", Invited lectures: Korfiatis G., Koutsospyros A. and Christodoulatos C., 31/05/2017.

6) "Process of Design and Construction of Civil Engineering Projects", Invited lectures: Stavropoulos A., Galanis E. and Tsoukalis F.

7) "Smart Applications in Road Infrastructures", Invited lectures: Brilakis J., Karadelis J., 30/05/2018.

8) "Railway Sub-Infrastructure and Overground-Infrastructure Projects", Invited lectures: Spyropoulou K., Tsotsoros D., Datsios N. and Tsapikounis A., 5/12/2018.

Coordinator of Scientific Projects

1. Project Title "Simulation of Exhaust Gas Dispersion from Linear Source" financed by the Research Committee of the University of Patras, 1992-1994.
2. Project Title "Development of Low-Cost Methodologies for Quick Prediction and Monitoring of River Pollution", Funding body: Ministry of Education, EPEAEK II - PYTHAGORAS II Operation Category 2.6.1.xiii, 1/7/2005-31/12/2007.
3. Project Title "Improved simulation of flow and diffusion fields of a round and plane buoyant jet in a moving receiver of uniform density", Code Program C.148, “Basic Research Support - Kon. Karatheodori”, Funding body: Research Committee of the University of Patras, Period 1/5/2007-30/4/2010.
4. Project Title “Establishment of an Intra-University Research Network "HYDROKRITIS", Code Program C.788, Mediation Office of the University of Patras, 2009-2010.
5. Project Title "Management of Environmental Information of River Basins and Decision Making - Implementation in the Alfeios River". Compilation and submission of a proposal to the Ministry of Education, Project Iracleitos II: Strengthening the Human Research Resources through the Implementation of Doctoral Research" (10.04.2009), Act Category 10.74.11.01.01, Code Proposal 12/58/4, 01.01.2011 – 31.12.2014.
6. Project Title "Investigation of the quality of the sea waters in the New Port of Patras", Funding body: Organization of the Port of Patras, 01/01/2014 έως 31/12/2014.
7. Project Title «Διερεύνηση της ποιότητας των θαλασσίων υδάτων στο Λιμένα Πατρών για τις ανάγκες του I.S.O. 14001», Funding body: Organization of the Port of Patras,11/06/2015 έως 10/06/2016.
8. Project Title “Operation of Air Pollution Measurement Station in the Campus of the University of Patras, Rion”, financed by internal funds of the Environmental Engineering Laboratory of the Department of the Civil Engineering of the University of Patras, 2012-2021.
9. Project Title “Operation of a Meteorological Station of the HYDROCRETIS Network in collaboration with the National Observatory of Athens”, financed by internal funds of the Environmental Engineering Laboratory of the Department of the Civil Engineering of the University of Patras, 2018- continued.

Participation in Scientific Projects

* Participation in 29 projects funded by either national or international bodies.

Network Coordinator:

* University Network “HYDROCRITES” (<http://www.hydrocrites.upatras.gr>) dealing mainly with river basin management; it has 36 members totally, a meteorological station included in the Greek Network of the National Observatory of Athens, Greece (2009-2020).

Coordinator of the Station for Air Pollution Measurement of the University of Patras Campus: 2012-2021.

Organization of the Exhibition Stand of the "HYDROCRITES" Network

* During the 2nd Common Congress of the Hellenic Hydrotechnical Union and Greek Committee for the Water Resources Management, 11-13 Oct. 2012, Patras, Greece.

Participation of the Network “HYDRCRITES” in the Patras-IQ Exhibition

* 2nd Expertise Transfer Exhibition, 24-26/04/2015
* 3rd Expertise Transfer Exhibition, 15-17/04/2016
* 4th Expertise Transfer Exhibition, 07-09/04/2017
* 5th Expertise Transfer Exhibition, 27-29/04/2018.

Participation in Specific Scientific Training Courses

- XXX IAHR Congress Short Course: “Design and Construction of Sea Outfalls” 21-22 Aug. 2003, Aristotle University of Thessaloniki, Greece. Course Instructor G.H. Jirka.

- 3rd Int. Conf. on Marine Waste Water Discharges and Marine Environment (MWWD 2004): Short Course B: Hydraulics of the WWTP – Outfall – dispersion systems, 24-25 Sep.; Short Course C: Environmental Risk Assessment from Submarine Outfalls, 28 Sep.; Short Course D: The Cormix Software: Its Developments and Use; 2004 Catania, Sicily.

Reception and cooperation of Visiting Professors

* Thomas Zissis, Professor of the Department of Land Reclamation, Soil Science and Agricultural Engineering of the Department of Agriculture of the Aristotle University of Thessaloniki, Greece has visited and coooperated in the Environmental Engineering Laboratory of the Civil Engineering Department of the University of Patras for one year, 01/11/2010-20/06/2011.

Visits of European Laboratories

* Hydraulics Laboratory of the Department of Civil Engineering of the University of Birmingham, 1986-1987.
* Aerodynamics Laboratory of the Department of Mechanical Engineering of the University of Birmingham, 1986-1987.
* Hydraulics Laboratory of the Department of Civil Engineering of the Imperial College of Science and Technology, 1986-1987.
* Hydraulics Laboratory of the Company Hydraulics Research Ltd in Wallingford, England, 1986-1987.
* Hydraulics Laboratory of the University of Darmstadt, Germany, 2001.
* Hydraulics Laboratory of the Nanyang Technological University, Singapore, 2014.
* Hydraulics Laboratory of the Delft University of Technology, Nethelands, 2015.

1. EDUCATIONAL ACTIVITIES

Teaching (1989-2020):

* The undergraduate courses of *Water Treatment*, *Wastewater Disposal*, *Environmental Impact Assessment from Technical Works*, *Air Pollution*, and *Solid Waste Management*
* The postgraduate courses of Sustainable *Wastewater Disposal*, *Environmental Impact Assessment from Technical Works*, *Simulation of Air Pollution Processes,* *Solid Waste Management* and *Special Issues of Environmental Engineering (Environmental Management Practices)*

Teaching (2020-2022):

* The postgraduate course of Sustainable *Wastewater Disposal*.

MSc. and PhD. Supervisor:

* Supervisor of 38 MSc. Theses in the areas of the disposal of air and water pollutants, river basin management and solid waste management
* Supervisor of the PhD. Dissertations:

1) "Simulation of Buoyant Jets Interaction in Calm or Moving Recipient" by Aristeidis A. Bloutsos (2012).

2) “Environmental Data Management and Decision Support for River Basins - Application in Alfeios River” by Eleni S. Bekri (2015).

3) “Environmental Management Methodologies and Practices Addressed in River Basins and Catchment Areas - Development of game theory techniques for environmental management and decision making” by Marianthi V. Podimata (2015).

4) “Experimental and Numerical Investigation of the Thermal Ring Plume and Associated Buoyant Flows” by Maria K. Stefanidou (2022).

* Member of many 3-member Committees for MSc. degree examinations.
* Member of ten 7-member Committees for PhD. degree examinations.

Invited lectures:

* An invited lecture on "Research Activities", *RMEI, «Sea Sciences and Technologies»*, May 21, 2003, Patras, Greece
* Two invited lectures on *wastewater disposal in water bodies* in the Seminar for the European Student Club BEST, May 6, 2004, Patras, Greece
* Five invited lectures for postgraduate programs of other departments than Civil Engineering.

Socrates-Erasmus-Lonardo da Vinci Programs

Bi-lateral student exchanges during 2003-2004: Ms. Eleni S. Bekri, Candidate for MSc., visited the University of Darmstadt for six months in the context of her Thesis. Then, she worked in the Company Degrémont S.A.S. in France, in the context of the Lonardo da Vinci Program.

1. REVIEWING, PUBLISHING AND AUTHOR WORK

Book Reviewer:

* For the book “*Environmental Impacts from Works and Sites*” by Manoliadis O., Saini K., Souflis K. and Kalaboukas G., Post-graduate Program “Management of Technical Works”, Hellenic Open University (2000).
* For the book “*Principles of Environmental Technology*” by Zouboulis A., Callipos (2014).
* For the book “*Rivers Hydraulic and Technical Works*” by Chrisanthou V., Callipos (2015).
* For the book “*Applications in Fluid Mechanics*” by Rallis G.A., private edition (2018).

Journal Reviewer:

* Journal of Fluid Mechanics (JFM)
* Environmental Fluid Mechanics (EFM)
* Journal of Hydraulic Engineering (ASCE)
* Journal of Hydro-environmentResearch
* Journal of Hydraulic Research (JHR)
* Journal of Fluids Engineering (ASME)
* Journal of Environmental Management
* Journal of Water Resources and Protection
* Water Resources Management
* International Journal of Multiphase Flows
* BMC Medical Research Methodology
* European Water (EWRA)
* Scientia Iranica
* Proceedings of the Institution of Mechanical Engineers, Part E, Journal of Process Mechanical Engineering (JPME)
* Fresenius Environmental Bulletin (FEB)
* Environmental Processes
* Global NEST Journal
* Sustainability
* Technika Chronika (the Journal of Technical Chamber of Greece)
* Hydrotechnika (the Journal of the Hellenic Hydrotechnical Union)

Reviewer for Conference Papers:

* In Proceeding of the International XXX IAHR Congress, 2003
* In Proceeding of the 2005 IASME / WSEAS International Conference on *Energy, Environment, Ecosystems & Sustainable Development*, Vouliagmeni, Athens, Greece
* In Proceeding of the 6th International Symposium on *Environmental Hydraulics*, Athens, Greece, 2010
* In Proceedings of one National Congress on *Theoretical and Applied Mechanics* (1992) and three on *Hydraulics* (1997, 2000, 2003)
* In Proceedings of the International Congress on *Protection and Restoration of the Environment V, VII, XI, XII, XV*, *XVI*, Greece (2000, 2004, 2012, 2014, 2020, 2022)
* In Proceedings of the National Congresses 1997, 2000, 2003 and 2006 of the Hellenic Hydrotechnical Union
* In Proceeding of the International XXX IAHR Congress, Greece, 2003
* In Proceedings of the 5th Congress of Greek Committee for Water Resources Management, Greece, 2005
* In Proceeding of the 6th International Symposium on *Environmental Hydraulics*, Athens, Greece, 23-25 June 2010
* In Proceeding of the 9th International Hydrogeological Congress, Kalavrita Greece, 5-8 Oct. 2011, University of Patras, Department of Geology, Laboratory of Hydrogeology, Rion, Patras
* In Proceedings of the common Congress of the Hellenic Hydrotechnical Union and the Greek Committee for Water Resources Management, Greece, 2012.
* In Proceeding of the 37th IAHR World Congress, Kuala Lumpur, Malaysia, 13-18 August, 2017
* In Proceedings of the 3rd EWaS International Conference on “Insights on the Water-Energy-Food Nexus”, Lefkada Island, Greece, 27-30 June 2018
* In Proceedings of the 4th EWaS Int. Conference on “Valuing the Water, Carbon, Ecological Footprints of Human Activities”, Greece, 2020.

Reviewer of Scientific Proposals:

* For the Project "HERAKLITOS - EPEAEK II" of the Ministry of National Education and Religions.
* Project "PYTHAGORAS II - EPEAEK II" of the Ministry of National Education and Religions.
* Project "E&T Cooperation of GREECE - BRITAIN for the years 2006-2008" of the General Secretariat for Research and Technology.
* Project “Human Resources Development, Education and Lifelong Learning (EDBM34 invitation), 2017.

Editions of Books and Congrees Proceedings

- Six books (Congress Proceedings),

- the chapter of Dams (194 p.),

- 3rd edition in the book of the Hellenic Open University for the MSc Programm “Management of Technical Works”,

* a chapter in the book of HYDROGAIA - Ed. Prof. Stavros Giannopoulos published in the honnor of the emeritus Prof. Christos Tzimopoulos of the Aristotel Univ. of Thessaloniki,
* the Chapter 21 “Quick and Economic Spatial Assessment of Urban Air Quality” in Advanced Air Pollution, Farhad Nejadkoorki (Ed.), ISBN: 978-953-307-511-2, InTech, Croatia,
* a chapter in Perspectives on Atmospheric Sciences, Springer Atmospheric Sciences, DOI 10.1007/978-3-319-35095-0\_123, by Bloutsos A.A. and Yannopoulos P.C. “Monitoring Particulate Pollution in the University of Patras Campus, Greece”, T.S. Karacostas et al. (eds.), and
* a book “Air Pollution in the University of Patras Campus, Greece - Monitoring details and data evaluation for the period 2012-2013” published by the LAP Lambert Academic Publishing.
* the monograph "Numerical Modelling of Laminar and Turbulent Open Channel Flows", Report, August 1987, Department of Civil Engineering, The University of Birmingham, Birmingham, B15 2TT, England, p. 1-50.
* Five university teaching books and classroom notes for the courses of Wastewater Disposal, Environmental Impact Assessment from Technical Works, Air Pollution, Simulation of Air Pollution Processes and Solid Waste Management.

Citations:

678 citations (373 non-including self-citations) *h index* = 15, i10-index = 20 ([Google Μελετητής](https://scholar.google.gr/citations?user=wQNkZ9AAAAAJ&hl=el)).

Scientific publcations

1. In international scientific journals of peer review
2. Discussion by Noutsopoulos G., Hatzicomninou S. & Yannopoulos P. (1979). "Dilution in a Vertical Round Buoyant Jet, by N.E. Kotsovinos", *Journal of the Hydr. Div. (ASCE),* HY5, May, pp. 629-631.
3. Noutsopoulos G.C. & Yannopoulos P.C. (1987). "The Round Vertical Turbulent Buoyant Jet", [*J. of Hydr. Res.,* Vol. 25, No. 4, pp. 481-502](http://www.tandfonline.com/doi/abs/10.1080/00221688709499264).
4. Noutsopoulos G. & Yannopoulos P. (1989).­­ "Axial Dilution in an Obstructed Round Vertical Turbulent Buoyant Jet", [*Journal of Hydr. Engineering (ASCE),* Vol. 115, No. 1, pp. 71-81](http://ascelibrary.org/doi/abs/10.1061/%28ASCE%290733-9429%281989%29115%3A1%2871%29).
5. Yannopoulos P.C. & Noutsopoulos G.C. (1990). "The Plane Vertical Turbulent Buoyant Jet", [*J. of Hydr. Res.,* Vol. 28, No. 5, pp. 1-16](http://www.tandfonline.com/doi/pdf/10.1080/00221689009499046).
6. Yannopoulos P.C. (1996). "Superposition Model for Multiple Plumes and Jets Predicting End Effects", [*Journal of Geophysical Research*, Vol. 101, No. D10, pp. 15153-15167](http://onlinelibrary.wiley.com/doi/10.1029/95JD03609/pdf).
7. Yannopoulos, P.C., Skokaki, G.N. (2003). “Particulate and Sulfur Dioxide Concentration Measurements in Patras, Greece”, [*J. of Air & Waste Manage. Assoc.,* Vol. 53, pp. 957-970](http://www.tandfonline.com/doi/abs/10.1080/10473289.2003.10466251).
8. Manariotis, I.D., Yannopoulos, P.C. (2004). “Adverse Effects on Alfeios River Basin and an Integrated Management Framework Based on Sustainability”, [*Environmental Management,* Vol. 34, No. 2, pp. 261-269](https://www.researchgate.net/publication/8167283_Adverse_Effects_on_Alfeios_River_Basin_and_an_Integrated_Management_Framework_Based_on_Sustainability).
9. Bloutsos A.A. and Yannopoulos P.C. (2005). "Three Round Turbulent Buoyant Jets Discharged Vertically from a Rosette", *IASME Transactions,* Issue 3, Vol. 2, pp. 413-421.
10. Manariotis I.D. and Yannopoulos P.C. (2005). "Environmental Impacts of Solid Waste Management Procedures - Perspectives". *Tech. Chron. Sci. J. TCG,* I, No 2-3, pp. 21-34. (in Greek with extended summary in English).
11. Yannopoulos P.C. (2005). "Methodology of Monitoring and Quick Prediction of River Pollution in Relation to the Directive 2000/60/ΕC". Hydrotechnika Hellenic Hydrotechnical Union, Vol. 15, pp. 103-112 (in Greek).
12. Yannopoulos P.C. (2006). “An improved integral model for plane and round turbulent buoyant jets”, [*J. of Fluid Mech.,* 547, 267-296](http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=371365).
13. Yannopoulos P.C. (2006). "Attachment of Two or Three Interacting Round Buoyant Jets Discharged Vertically Upwards into a Quiescent Environment", *WSEAS Transactions on Fluid Mechanics,* Issue 3, Vol. 1, pp. 215-220.
14. Yannopoulos P.C. & Noutsopoulos G.C. (2006a). "Interaction of Vertical Round Turbulent Buoyant Jets. Part I: Entrainment Restriction Approach", [*J. of Hydr. Res.,* 44(2), pp. 218-232](http://www.informaworld.com/smpp/content~db=all~content=a921657024~frm=titlelink).
15. Yannopoulos P.C. & Noutsopoulos G.C. (2006b). "Interaction of Vertical Round Turbulent Buoyant Jets. Part II: Superposition Method" [*J. of Hydr. Res.,* 44(2), pp. 233-248](http://www.informaworld.com/smpp/content~db=all~content=a921657025~frm=titlelink).
16. Skokaki G.N. and Yannopoulos P.C. (2006). “Lead Levels in Airborne Particulates of Patras, Greece, and Trend Prediction”, [*Fresenius Environmental Bulletin,* Vol. 15, No. 7a, pp. 588-595](http://www.psp-parlar.de/details_artikel.asp?tabelle=FEBArtikel&artikel_id=1433&jahr=2006).
17. Yannopoulos P.C. (2007). "Sulfur Dioxide Dispersion and Sources Contribution to Receptors of Downtown Patras, Greece", [*Environ Sci Pollut Res*, Vol. 14, No. 3, pp. 172-175](http://www.springerlink.com/content/b64tk5105j2770w5/).
18. Yannopoulos P.C. (2007). "Spatial Concentration Distributions of Sulfur Dioxide and Nitrogen Oxides in Patras, Greece, in a Winter Period", [*Environ Monit Assess*, Vol. 135, pp. 163-180](http://www.springerlink.com/content/n665p4p203l45504/).
19. Yannopoulos P.C. (2008). "Long-term Assessment of Airborne Particulate Concentrations in Patras, Greece", [*Fresenius Environmental Bulletin,* Vol. 17, No. 5, pp. 608- 616](http://www.psp-parlar.de/details_artikel.asp?tabelle=FEBArtikel&artikel_id=2081&jahr=2008).
20. Yannopoulos P.C., Demetracopoulos A.C. & Hadjitheodorou Ch. (2008). “Quick Method for Open Channel Discharge Measurements Using Air Bubbles”, [*Journal of Hydr. Engineering (ASCE)*, Vol. 134, No. 6, pp. 843-846.](http://scitation.aip.org/getpdf/servlet/GetPDFServlet?filetype=pdf&id=JHEND8000134000006000843000001&idtype=cvips)
21. Yannopoulos, P.C. & Noutsopoulos G.C. (2008). Closure to the Discussion by B.S. Pani on "Interaction of Vertical Round Turbulent Buoyant Jets. Part II: Superposition Method. J. of Hydr. Res.,44(2), pp. 233-248", [*J. of Hydr. Res*. 46(4), pp. 563-567](http://www.informaworld.com/smpp/content~db=all~content=a921656629~frm=titlelink).
22. Bloutsos A.A. & Yannopoulos P.C. (2009). “Round Turbulent Buoyant Jets Discharged Vertically Upwards Forming a Regular Polygon”,[*J. of Hydr. Res.* 47(2), pp. 263-274](http://www.informaworld.com/smpp/content~db=all~content=a921656188~frm=titlelink).
23. Yannopoulos P.C. (2010). “Advanced integral model for groups of interacting round turbulent buoyant jets”. [*Environ Fluid Mech*, 10(4), pp. 415-450](http://www.springerlink.com/content/t6204v686545ru5m/).
24. Sotiropoulos D.Α., Dimas Α.Α., Hors G.M., Yannopoulos P.C., Fourniotis N.Th. and Demetracopoulos A.K. (2010). "Experimental study on the effectiveness of an energy dissipation configuration in an open channel of steep slope". Hydrotechnika Hellenic Hydrotechnical Union, Vol. 19, pp. 47-58 (in Greek).
25. Bloutsos A.A. & Yannopoulos P.C. (2011). “Concentrations of Selected Toxic Elements in Airborne Particulates of Patras, Greece”, [*Global NEST Journal* 13(2), pp. 109-118](http://journal.gnest.org/sites/default/files/Journal%20Papers/109-118_750_Bloutsos_13-2.pdf).
26. Yannopoulos P.C. & Bloutsos A.A. (2012). “Escaping Mass Approach for Inclined Plane and Round Buoyant Jets”. [*J. of Fluid Mech.* 695, pp. 81-111](http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8509013&fileId=S0022112011005647).
27. Yannopoulos P.C. (2012). “Unique superposition solutions of multiple plane or round buoyant jets for tracer and buoyancy fluxes”. [*Journal of Environmental Engineering* (ASCE)138(9), pp. 985–989](http://ascelibrary.org/doi/abs/10.1061/%28ASCE%29EE.1943-7870.0000554).
28. Bekri E.S. & Yannopoulos P.C. (2012). “The interplay between the Alfeios River basin components and the exerted environmental stresses: A critical review”. [*Water, Air, & Soil Pollution* 223(7), pp. 3783-3806](http://link.springer.com/article/10.1007/s11270-012-1148-y).
29. Podimata M. & Yannopoulos P.C. (2013). “Evaluating challenges and priorities of a trans-regional river basin in Greece by using a hybrid SWOT scheme and a stakeholders’ competency overview”.[*Intl. J. River Basin Management* 11(1), pp. 93–110](http://www.tandfonline.com/doi/abs/10.1080/15715124.2013.768624).
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