

## Curriculum Vitae

### Personal Information

<b>Last Name</b>	:	Leousidis	
<b>First Name</b>	:	Alexandros	
<b>Position</b>	:	Lecturer	
<b>Academic Field</b>	:	Hydraulic works	
<b>Work Address</b>	:	International Hellenic University, School of Engineering, Department of Environmental Engineering, P.O. Box 141, 574 00, Sindos, Thessaloniki, Greece	
<b>Research Interests</b>	:	- Hydraulic works - Environment / new technologies	
<b>Contact Details:</b>	:	<b>tel.:</b> 2310013791	<b>e-mail:</b> leousidis@ihu.gr

### Education

2023	PhD in Hydraulics of the University of Thessaly – Department of Civil Engineering
2000	Degree in Infrastructure Works Engineering T.E. of the Technological Educational Institute of Thessaloniki
2003	Certificate of Vocational Training Program on the subject: "Applications of Modern Methods of organizing Large Technical Projects Sites" (duration of 350 hours) / 2 Months of theoretical training + 1 Month of practice at ThPA S.A.-technical Service
2003	Certificate of Competency in English University of Michigan
2007	Master's Degree in the 'ENVIRONMENT AND NEW TECHNOLOGIES' program of the University of Ioannina with the TEI of Thessaloniki. Master's thesis title: "Investigation of environmental impacts of the water supply project in the area of eastern Halkidiki - special investigation of the problem of waterlogging"
2012	Pedagogical training degree A.S.PAI.TE. – Higher School of Pedagogical and Technological Education

Holder of certificates in educational programs of the National Center for Public Administration E.K.D.D.A. According to the following table:

2012-2018		ΤΙΤΛΟΣ ΠΙΣΤΟΠΟΙΗΤΙΚΟΥ Ε.Κ.Δ.Α. - ΘΕΣΣΟΝΙΚΗΣ
	1	AUTOCAD-DRAWING IN TWO DIMENSIONS
	2	WATER RESOURCES MANAGEMENT
	3	CODIFICATION OF PUBLIC WORKS LEGISLATION, STANDARDS-SPECIFICATIONS-REGULATIONS
	4	DEVELOPMENT OF APPLICATIONS WITH RELATIVE DATABASES (Access)
	5	PROJECT ORGANIZATION AND SCHEDULING (Project Management)
	6	ISO17025:2005 TRAINING
7	BUILDING DESIGN ACCORDING TO EUROCODES: BASIC LEVEL	

8	PROTECTION AND SUSTAINABLE MANAGEMENT OF SURFACE AND GROUNDWATER
9	NATIONAL WASTE MANAGEMENT PLAN URBAN SOLID WASTE

3.12.2019 Educational Seminar "NEW ISO 17025:2017"

### Professional Experience

03.1999-09.2000	Cooperation with the Water Supply & Sewerage Company of Thessaloniki (E.Y.A.Th.). Sewerage Sector Position: Assistant Project Supervisor & in the Studies Department
2002-2010	APMONIA.ETE Technical Studies Company Position: Department of hydraulic works studies of the Company (preparation of studies: Water supply - Drainage - Rainfall - Irrigation - Hydraulic studies of road construction - small earthen dams, arrangements of streams, etc.)
2010-2019	Permanent Employee in the Region of Epirus (ASEP) with placement in the Department of Environmental Structures of the Region of Epirus – Hydraulic Works (D.TE./P.H.) With the main tasks of supervising in the field of HYDRAULIC-ENVIRONMENTAL public projects of the NSRF, with a total budget of more than 16 million euros in the subject: Water-Irrigation-Sewerage, LANDFILL, Biological etc. Additional tasks in the preparation of studies - Tender documents for NSRF projects, participation in Auctions, Committees, etc.)
2017	MEK (Constructors' Experience Register) 1st Class with A.M. 40297 - of the Ministry of Transport Infrastructure, in the category of Plumbing and Road Construction.
27/03/2019	Appointment to a permanent vacant organizational position of a faculty member at the level of Lecturer with a three-year term of specialization as an Infrastructure Projects Engineer with 'specialization in Plumbing Projects' of the Plumbing Projects Sector of the CIVIL ENGINEERING department T.E. of ATEI-Thessaloniki
25.06.2019 -today	Placement as Lecturer at the International University of Greece, Department of Environmental Engineering, Faculty of Engineering with 'specialization in Hydraulic Projects'
2021	MEK (Constructors Experience Register) 2nd Class with A.M. 40297 - of the Ministry of Transport Infrastructure, in the category of Plumbing and Road Construction..
2022	Permanency as a member of the D.E.P. degree of Lecturer in Applications, specialty Infrastructure Engineering with specialization in 'Hydraulic Projects', of the Department of Environmental Engineering of the School of Engineering of the International University of Greece (Government Gazette 2384/22.9.2022)

### Teaching Experience

**A. Undergraduate** In the TE Civil Engineering curriculum, the taught courses.

2018-2019E	Theory and workshop of the course 'ROADWAY I'
------------	---

2019-2020X	Workshop of the course 'ENVIRONMENTAL DESIGN T.E.'
2019-2020X	Workshop of the course 'ARRANGEMENTS OF RIVERS'
2019-2020E	Theory and workshop of the course 'ROADWAY I'
2019-2020E	Theory and laboratory of the course 'IRRIGATION-DRAINAGE'
2020-2021X	Theory and laboratory of the course 'ENVIRONMENTAL DESIGN T.E.'
2020-2021X	Workshop of the course 'ARRANGEMENTS OF RIVERS'
2020-2021E	Theory and workshop of the course 'ROADWAY I'
2020-2021E	Theory and laboratory of the course 'IRRIGATION-DRAINAGE'
2021-2022X	Workshop of the course 'ARRANGEMENTS OF RIVERS'
2021-2022X	Theory and laboratory of the course 'ENVIRONMENTAL DESIGN T.E.'
2021-2022E	Theory and laboratory of the course 'IRRIGATION-DRAINAGE'
2021-2022E	Theory and laboratory of the course 'IRRIGATION-DRAINAGE'
2022-2023X	Theory and laboratory of the course 'ENVIRONMENTAL DESIGN T.E.'
2022-2023X	laboratory of the course 'IRRIGATION AND WATER TREATMENT SYSTEMS'
2022-2023E	Theory and laboratory of the course « ENVIRONMENTAL IMPACT ASSESSMENTS.»
2022-2023E	Theory and laboratory of the course « SEWERAGE SYSTEMS AND NETWORK CALCULATION »
2023-2024X	Theory and laboratory of the course «'IRRIGATION AND WATER TREATMENT SYSTEMS'»
2023-2024X	Theory and laboratory of the course « LAND RECLAMATION »

## B. Postgraduate

## C. Supervision of Post Graduate Theses

Supervision of 18 Bachelor theses in the Department of Environmental Engineering-IUH (until 05.2.24)

## Departmental Administrative Work

01/12/2021	Scientifically Responsible NSPA Internship of the Department of Environmental Engineering - IUH
29/10/2021	President of Internship through OAED of the Department of Environmental Engineering - IUH
17/10/2021	Deputy Head of COVID-19 management of the Environmental Engineering

	department - IUH
09/11/2021	Organization of reception for freshmen of the Department of Environmental Engineering
	Συμμετοχή Ε.Ε.Τ.Ε.Μ. ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΝΩΣΗ ΤΕΧΝΟΛΟΓΙΚΗΣ ΕΚΠΑΙΔΕΥΣΗΣ ΜΗΧΑΝΙΚΩΝ
	Participation in POMITEDY-Panhellenic Federation of Engineers T.E. Public Employees

## Committees

2011-2019	Public Works Commissions of the Region of Epirus
2018	Participation in an international competition committee for Operation HELLINIKO
2011-2019	Public Works Monitoring Committees (project contract implementation)

## Research Programs

### A. Principal Investigator

#### International

#### National

### B. Research Team Member

#### International

#### National

02.2000-05.2001	Participation in the National Center for Research & Technological Development Research Program on the subject: 'Study of chemical and ecotoxicological parameters in the wastewater treatment facility of the Greater Thessaloniki Area' (Experiments - Measurements).
02.2000-03.2002	Participation in the Research Program of the National Center for Marine Research, on the topic: 'Assessment of the involvement of various sources of pollution in the quality of waters in the Gulf of Thessaloniki'

---

## Publications

---

### Publications in Scientific Journals (peer reviewed)

---

1. **Leousidis A**, Keramaris E., Pechlivanidis G., Savvidis Y. (2022). Experimental study of the effects of heating or cooling on the water surface in an open channel», Environmental Sciences Proceedings, MDPI, 21,60, DOI: <https://doi.org/10.3390/environsciproc2022021060>
  2. **Alexandros Leousidis**, Evangelos Keramaris, Yiannis Savvidis, George Pechlivanidis. Study of the effect of a cooling load on a fluid surface (water) in an open channel. Applied Fluid Mechanics, Volume 17, Number 5 (May 2024)
- 

### Publications in Scientific Conference Proceedings (peer reviewed)

---

#### International

---

1. **Alexandros Leousidis**, George Pechlivanidis, Evangelos Keramaris, Yiannis Savvidis. Experimental study of the effects of heating or cooling on the water surface in an open channel. International conference EWaS5, Water security and safety Management: emerging threats or new challenges, 2022, Napoli, Italy; paper\_18
- 

#### National

---

1. **Alexandros Leousidis**, George Pehlivanidis, Evangelos Keramaris, Ioannis Savvidis. Participation in the 15th EHE & APTH Conference on the theme: "Excellent water" Thessaloniki, June 2-3, 2022, with the title of the article: 'Study of Thermal Wedge due to temperature field changes
  2. G. Samaras, G. Pehlivanidis, **A. Leousidis**, A. Samaras, V. Dermisis. Participation in the EYE&EEDYP Conference on the topic: "Integrated management of water resources in conditions of climate change" EEDYP - Volos, May 27-30, 2009, with the title of the article: 'Effect of the rate of taking measurements with an anemometer array on the characteristics of the stationary wedge.'
- 
- 

---

## Collective Volumes

---

### Course Books/Scientific Books

---

1. 2019 'Road Construction I – Theory, Laboratory', digital course notes
  2. 2020 'River Arrangements-Workshop', digital course notes
  3. 2020 'Irrigation-Drainage - Theory, Laboratory', digital course notes
  4. 2020 'Environmental Design - Theory, Lab', digital course notes
- 

### Research Program Reports

---

---

---

**Other Publications**

---

---

---

**Acknowledgement of Scientific Expertise**

---

**A. Awards - Distinctions – Scholarships- Patents**

---

**B. Citations/ h-index**

---

**Г. Reviewer in Scientific Journals**

---

**Δ. Member of Conference Scientific and Organizing Committees**

---

**E. Member of other Scientific Committees or Professional Associations**

---

---

**Other Activities - Interests**

---

---

Computer programs:

- AutoCAD drawing program (certified)
- Project management program, project schedule – M. Project Management (with certification)
- HEC-RAS - Flow profile calculation program for natural watercourses).
- NCSOFT - Program of water supply and drainage projects).
- Basic knowledge of image processing (Photoshop)
- Basic knowledge of GIS
- Basic knowledge of Matlab & Ansys Fluent
- Additional knowledge in M.Office package, OCR, hardware-software, etc.

---

Date

Sindos, February 2024

---