

CURRICULUM VITAE

AIKATERINI D. LYRA

Ph.D. Candidate

**Research Member of the Laboratory of Hydrology and
Aquatic Systems Analysis,
Department of Civil Engineering,
University of Thessaly**

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I.1. PERSONAL

Name: Aikaterini D. Lyra
Date of Birth: 19th July 1988
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I.2. EDUCATION**a) University of Thessaly, 2018-Today**

Supervisor: Ph.D, P.E.. Athanasios Loukas, Associate Professor
Field of Research: Quantity and Quality of Water Resources
Ph.D. Dissertation Title: Coastal Water Resources Simulation and Management of Degraded Water Resources of Coastal Watersheds

β) Democritus University of Thrace, 2006-2015

Diploma in Civil Engineering- Integrated Master
Field of Study: Groundwater Hydrology – Hydrogeological Applied Research in Civil Engineering
Supervisor: Ph.D. Fotios-Kon/nos Pliakas, Professor
Dipl. Eng. Thesis Title: Water Resources and Framework. The case of the coastal part of Almiros Basin in Magnesia Prefecture.

I.3. AWARDS AND SCHOLARSHIPS**1) Postgraduate Studies**

- Scholarship of Greek State Scholarships Foundation, 2018-2021.
Co-financed by Greece and the European Union (European Social Fund- ESF) through the Operational Programme «Human Resources Development, Education and Lifelong Learning» in the context of the project “Strengthening Human Resources Research Potential via Doctorate Research” (MIS-5000432), implemented by the State Scholarships Foundation (IKY).

2) Undergraduate Studies

- Maximos Maravelakis Award, by the Hellenic Committee of Hydrogeology at the 11th International Hydrogeological Congress of Greece, organised by the Hellenic Chapter of International Association of Hydrogeologists – IAH and the Cyprus Association of Geologists and Mining Engineers, in Athens, 4-6/10/2017, for my Degree Thesis titled: Water Resources and DPSIR Framework. The case of Almyros Basin in Magnesia Prefecture.

I.4. Diploma Thesis and Publications**A. Diploma Thesis**

Lyra A., (2015). “*Water Resources and DPSIR Framework. The case of the coastal part of Almyros Basin of Magnesia Prefecture.* Diploma Thesis, Department of Civil Engineering, D.U.TH., Xanthi, Greece (Grade: 10/10).

B. Publications

B.1. Lyra A., F. Pliakas, N. Kazakis, (2017). “Implementation of CSDA framework in the management of Almyros basin, Magnesia Prefecture, Greece.” *Proceedings of the 11th International Hydrogeological Congress of Greece*, 4-6/10/2017, Athens, Greece, pp. 331-340

B.2. Lyra A., F. Pliakas, S. Skias, I. Gkiougkis, (2016). “Implementation of DPSIR framework in the management of the Almyros basin, Magnesia Prefecture.” *Bulletin of the Geological Society of Greece*, Vol. L, Number 2, 2016, *Proceedings of the 14th International Congress*, 25-27 May 2016, Thessaloniki, Greece, pp. 825-834

I.5. Educational Workshop

A. Successful Attendance of Distance Course:

Global Environmental Management

Completed November 2015 at: coursera.org

Online course created by: Technical University of Denmark (DTU)

Taught by: Henrik Bregnhøj, Ext.Assoc.Professor, Department of Environmental Engineering and Steffen Foss Hansen, Associate Professor, Department of Environmental Engineering

Level: Intermediate Grade Achieved: 70.6%

B. Karla School: Summer for Young Scientists of relevant capacities with the Environment, 2-8 July 2018, Kanalia, Magnesia. Modules: Water Quality and Water Resources Management, Avifauna, Inland Fish Fauna, Agricultural Ecosystems, Ecotourism and Natural and Cultural Heritage Interpretation, Workshop on the Use of unmanned volatile medium for the inspection and monitoring of the Protected Area (duration: 56 hours).

I.6. Technical Skills

A. Information System

B. CADD Methods

Γ. FORTRAN Programming Language

Native Language	Greek				
Other Languages	COMPREHENSION		COMMUNICATION		WRITING
English	C2	C2	C2	C2	C2
	Proficiency in English (Honors, Michigan-Cambridge) Proficient Communication (Edexcel)				
	Levels: A1/A2: Basic User - B1/B2: Independent User - C1/C2: Experienced User <u>Common European Framework of Reference for Languages</u>				