

## COURSE OUTLINE Economics, Law and Water Resources Diplomacy

EDUCATION LEVEL	7		
CODE	WBCC-505	SEMESTER	1 <sup>st</sup>
TITLE	Economics, Law and Water Resources Diplomacy		
TEACHING ACTIVITIES	HOURS/WEEK	ECTS	
Lectures, Practice exercises, Field work	3	30	
TYPE OF COURSE	Main course		
PREREQUISITE KNOWLEDGE	-		
LANGUAGE OF INSTRUCTION AND ASSESSMENT	Greek		
AVAILABILITY TO ERASMUS STUDENTS	-		
WEBSITE (URL)	<a href="https://eclass.uoa.gr/courses/GEOL572/">https://eclass.uoa.gr/courses/GEOL572/</a>		

### LEARNING OUTCOMES

<b>Learning Outcomes/Subject Specific Competences</b>
Upon completion of the course, students will be able to: Conduct economic analysis using both theoretical and empirical tools for water resources sustainability Deepen their understanding of techniques for determining the legal, environmental, economic and social impacts of a management plan - deepen their understanding of the causes of armed conflicts arising from claims to water resources and the ways for resolving such conflicts peacefully

<b>Generic Competences</b>
Search, analysis and synthesis of data and information Decision making Project planning and management Respect for the natural environment; understanding of processes Promoting free, creative and deductive thinking

### COURSE CONTENT

Basic concepts of sustainable water policy planning and economic value of water resources. Water supply costs, water economic efficiency. Economic analysis of water supply and demand. Discounting, price and marketing of water. Cost-benefit Analysis, Economic valuation of environmental costs/benefits of water. International legal texts (conventions, declarations, etc.) for the management of transboundary fresh water resources. Principles and obligations arising for States. Obligations of cooperation, not causing significant damage, equitable utilization and environmental protection. European Union legislation with particular emphasis on the Water Framework Directive 2000/60/EC and the concept of river basin as a management unit. Examples of the Jurisprudence of the International Court of Justice in The Hague concerning disputes between States over shared water resources. Current diplomatic issues concerning international rivers and lakes.
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### LEARNING ACTIVITIES - TEACHING and ASSESSMENTS METHODS

MODE OF DELIVERY	Distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY	In teaching, communication with the students and assessment of students	
PLANNED LEARNING ACTIVITIES	Activity	Semester Workload
	Lectures	3 h X 13 weeks
	Interactive teaching	30
	Study of the subject course	90
	Total	159h
ASSESSMENT METHODS AND CRITERIA	...	

### TEXTBOOKS - BIBLIOGRAPHY

Suggested bibliography: R.J.F. Bruins, M.T. Heberling (Editors). Economics and Ecological Risk Assessment: Applications to Watershed Management. CRC Press; 1 edition pp. 472 (2004). R.C. Griffin. Water Resource Economics: The Analysis of Scarcity, Policies, and Projects. The MIT Press pp. 432 (2005). E. Louka. Water Law and Policy Governance Without Frontiers. Oxford University Press pp. 462 (2008). S. McCaffrey. International Water Cooperation in the 21st Century: Recent Developments in the Law of International Watercourses. Review of European, Comparative & International Environmental Law (2014). O. McIntyre. The Water Convention and other UNECE Environmental Treaties. In The UNECE Convention on the
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Protection and Use of Transboundary Watercourses and International Lakes. Leiden, The Netherlands: Brill | Nijhoff (2015).

A. Tanzi. Diplomacy, responsibility and accountability in transboundary water disputes. In Research Handbook on Freshwater Law and International Relations. Research Handbooks in Environmental Law Book series (2018).

Relevant Scientific Journals:

Water Resources & Economics

Water Economics & Policy

Water Resources

Journal of Water

Water Resources Research

Journal of Environmental Economics and Management

Journal of Environmental Economics and Policy

Environmental Science and Policy

Environmental Policy and Law