

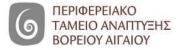
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Abbreviation	• WETMUST
Project Title	• Integrated Multiple Level Wetlands Monitoring System Using Innovative Technologies
Operational Programme	• INTERREG III B - ARCHIMED
Budget of Project	• 1.238.451,40 €
Budget of Project Budget of Regional Development Funds of North Aegean	
Beginning / Expiry	• 6/2006 - 12/2008
Partners	Central Macedonia Region (Lead Partner)
	North Aegean Region
	Region of Western Greece
	Prefectural Authority of Thessaloniki
	Aristotle University of Thessaloniki
Subject	 University of Basilicata (Italy) Environment
-	• Environment he wetland habitats compose intermediary, dynamic ecosystems of enormous
	nportance which are threatened by the human activities, particularly in the
	ver-populated regions of Operational Program ARCHIMED. The main objective
	f project WETMUST is to develop, evaluate and apply an innovative and multi
CI	iteria system of analysis for wetland habitats of international importance
	hich will contribute in their better management. The collection of data will be
	ased: in the unification of satellite pictures, in neuronic networks, in
	echnologies of unmanned air vehicles and in Systems of Geographic
	nformation. The results will include protocol of follow-up of infrastructure, time
	nd space indicators and Worldwide Web Geo-bases of data, which are
	xpected to increase the knowledge and the level of protection of wetland
	abitats. The networking and the international level of collaboration will have
	nmediately positive results for the authorities of wetland habitat management.
	he main activities of the project include the setup of a mechanism of iternational collaboration, the determination of protocol of follow-up of
	retland habitats, the development – activation of infrastructure of monitoring,
	the collection and treatment of data, the education of the final user and finally
	ne dissemination of results and acquired knowledge.
	he selected regions of control are:
	•the lakes of Koroneia and Bolbi – Greece
	•the gulf of Kalloni in Lesvos – Greece
	•the lagoon of Kotychioy – Greece
	•the lakes Montitsio – Italy
	he main objective of the project is to develop and evaluate a multi criteria
	stem of analysis and monitoring of woodland habitats of international
	nportance. Three levels of follow-up will be completed: big scale telescopic
•	ictures, low altitude reception of pictures with use of drones and continuous
	neasurements of the field collected via a network of sensors. After the
	evelopment of the above, the visits will be continued but their frequency will
	e minimized. The system of monitoring will be constituted by a database of
	ollected geo-data, by a System of Geographic Information with suitable
	gorithms for process and collection of data and by an interactive website of
	nared use of information, which will serve the collaboration and the co-
0	rdination of involved services of regions of different states.



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Deliverables

- Collaboration of the partners in infrastructure matters
- Infrastructure of monitoring (software and equipment), materializing three levels of monitoring
- Set of data that covers the period of study and the calculated time and space indicators
- Technical guides, operational handbooks
- Meetings, seminars and education on the dissemination of acquired knowledge