


Ref no: 1302	Project title		<b>“GrecoRisks” Hellenic Natural-Hazards Risk-Management System of Systems</b>					
	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partner(s) [if any]
	Greece	627.200,00	38% 240.800,00€	11	General Secretariat for Research and Technology	EU (ERDF) GREECE	11/2013-06/2015	ATESE SA, DASYC SA, DEMOKRITOS NRC, UoA, Uoi, GSCP, EUROLIFE
<b>Detailed description of project   <a href="http://www.epsilon.gr/projects/181">http://www.epsilon.gr/projects/181</a></b>						<b>Type of services provided</b>		
<p>GrecoRisks delivers a Multi-Risk web-Platform integrating Risk Modules for nine Hazards, also based on the New EU Civil Protection legislation (<a href="http://eeas.europa.eu/enp/eu-programmes/pdf/19-civil-protection-presentation_en.pdf">http://eeas.europa.eu/enp/eu-programmes/pdf/19-civil-protection-presentation_en.pdf</a>) :</p> <ol style="list-style-type: none"> <li>1. Earthquake</li> <li>2. Forest fires</li> <li>3. Landslide</li> <li>4. Ground movement</li> <li>5. Volcano</li> <li>6. Tsunami</li> <li>7. Extreme weather</li> <li>8. Flash-floods</li> <li>9. Industrial accidents.</li> </ol> <p>Modules use as input past observations, simulated data and references for Greece combined with GIS that delivers Hazard &amp; Risk Maps. Project data is structured based on INSPIRE principles. Project maps visualize the variation of hazards magnitude, vulnerability and expected impacts, also based on calibration procedures.</p> <p>GrecoRisks acts as an IT “umbrella” for the Risk Modules offering a valuable tool for Risk Analysis via a user-friendly interface. The end-user can:</p> <ul style="list-style-type: none"> <li>• highlight areas or elements prone to particular risks</li> <li>• obtain information about the risks within the Greek territory</li> <li>• simulate scenarios for a single or more hazards</li> <li>• create maps with multiple thematic layers</li> <li>• support the analysis of complex problems such as: <i>given a hazard scenario what could be the impact and at what cost vs recovery</i> and other..</li> </ul> <p>The Platform contributes to integrated Risk Assessments and Mapping that can increase preparedness at national level and beyond. It can enhance resilience to crises due to natural or man-made disasters as part of an integrated strategy towards risk mitigation and management.</p>						<p>GrecoRisks delivers an effort of 250+ person months with seven Work Packages including next to Project Management:</p> <ul style="list-style-type: none"> <li>• WP1: Technical, administrative &amp; financial management.</li> <li>• WP2-4: Scientific &amp; technological achievements</li> <li>• WP5: Testing and validation of the GrecoRisks platform</li> <li>• WP6-7: Dissemination &amp; Marketing campaign “during” and “after” the project</li> </ul> <p>Project deliverables include amongst others:</p> <ul style="list-style-type: none"> <li>• System Design &amp; Architecture</li> <li>• Best Practice Review &amp; Methodologies Selection</li> <li>• Module &amp; Platform Development &amp; Integration</li> <li>• Project Dissemination</li> <li>• Exploitation Plan &amp; Business Plan</li> </ul> <p><u>Key Words</u></p> <p>Civil protection, vulnerability, resilience, natural disasters, man-made disasters, geohazards, hydrometeorological hazards, risk analysis, risk mapping, GIS web platform, OGC/INSPIRE, Greece</p> <p><u>Reference</u></p> <p>D. Kallidromitou &amp; M. Bonazountas</p>		

