

Reference 2012-IES-30-1EIA	Desertification and Land Degradation Assessment and Mapping	Institute IES
Job opportunity – Grantholder 30		
JRC Institute	<u>Institute for Environment and Sustainability</u>	
Place	Ispra, ITALY	
Action number	22008 DESERT	
Job description	<p>Action DESERT (http://desert.jrc.ec.europa.eu) is developing methodologies for assessment, mapping and economic valuation of land degradation contributing to EC and global environmental policies, implementation of international conventions, such as the UNCCD, and to the EC launched international initiative on the Economics of Land Degradation (ELD) as well as to the compilation of a new World Atlas of Desertification(WAD).</p> <p>Within the frame of the current position, recently developed methods for assessing and mapping of land degradation will be tested and applied over Turkey, and/or other affected areas, in view of further improvements of the assessment schemes and to expand land degradation mapping to cover Turkey, and/or other affected areas, in view of contributing to assembling base data layers crucial for environmental policies and for complying with UNCCD reporting. Economic valuation will then be implemented using further adapted stratifications such as the anthroscape approach developed by the Cukurova University. Derived experience and results will be of major value to the ELD initiative and be included as case study in the WAD.</p>	



Selection criteria	The ideal candidate should have a PhD in natural and agriculture sciences or related field (or a University degree <u>and</u> 5 years of research experience after the university degree giving access to doctoral studies). She/he should have a background in the field of desertification and land degradation and have hands-on experience in analyzing spatial data sets and applying and developing GIS techniques related to processing and analysis of satellite based data in view of assessment and mapping of land degradation. She/he should have good knowledge of ARCGIS and/or Open source GIS solutions. Knowledge on environmental economics is an asset.
Country of origin of participants	Albania, Bosnia and Herzegovina, Croatia, Iceland, Israel, Faroe Islands, FYR of Macedonia, Moldova, Montenegro, Serbia, Switzerland, Turkey.
Language criteria	Good knowledge of spoken and written English is required
Indicative duration of grant	24 months
Deadline for application	15.03.2012
Indicative deadline for communication of selection	Approx. 2 months after the closing of the call
<p>JRC Contact for further information:</p> <p>irc-enlargement@ec.europa.eu subject: 2012-IES-30-1EIA</p> <p>Please fill in the Application form and upload your CV and list of publications.</p> <p>Frequently Asked Questions (FAQ): link</p>	

