



Marie Skłodowska-Curie Early Stage Researcher (PhD Studentship) in Environmental Science



REMEDiate (Improved decision-making in contaminated land site investigation and risk assessment) is a Marie Skłodowska-Curie ITN, which comprises 10 beneficiaries (from 5 EU Member States – the UK, Ireland, Germany, Denmark, and Italy) and 15 partner organizations.

Within the REMEDIATE project, the University of Torino offers a **PhD fellowship position** for a period of **3 years**. **Application Deadline is 24/05/2015**

In Italy, the beneficiary is the University of Torino (UNITO), one of the largest Italian Universities, with about 70000 students, 3900 employees (academic, administrative and technical staff), 1800 post-graduate and post-doctoral research fellows. Research and training are performed in 27 Departments, encompassing all scientific disciplines.

With reference to the most recent national evaluation of the university system (VQR 2004-2010), UNITO is ranked sixth in the areas of earth sciences and sciences of antiquity, philology, literature, arts and history.

UNITO is deeply involved in scientific research and manages approximately 500 projects per year, both at national and international level. The long record of participation of UNITO in the EU strategic research agenda results from 115 FP7 funded research projects, among which 33 UNITO-coordinated projects and 4 ERC grants as host institution, along with 15 H2020 funded projects (up to April 2015).

As for internationalization, UNITO is involved in approximately 450 formal international cooperation agreements with institutions from all around the world (South America, Mediterranean countries, India and China, in addition to Europe), including joint educational programs at undergraduate and doctoral level.

The PhD fellow at UNITO will conduct a research about the recovery of mineral waste materials for restoring a sustainable land use.

The PhD activity will be developed in two Departments of the University of Torino, viz. the Earth Sciences Department (DST, <http://dst.campusnet.unito.it>) and the Department of Agricultural, Forest and Food Sciences (DISAFA, <http://www.disafa.unito.it/>), under the supervision of Professor Domenico Antonio DE LUCA (DST), and the co-supervision of Professor Franco AJMONE MARSAN (DISAFA).

Technical expertise available to REMEDIATE fellows at UNITO includes:

- hydrogeology, environmental rehabilitation and aquifer vulnerability, with laboratories equipped for water analysis and physical-mineralogical properties of rock and soil;
- soil chemistry, land reclamation, derelict land management and potential release of heavy metals from soils, with laboratories for chemical analysis;
- mineral waste management, treatment and secondary raw material recovery.

Further details of the PhD position at Torino can be found at EURAXESS:

<http://ec.europa.eu/euraxess/index.cfm/jobs/jobDetails/33998484>

Additional information for applicants is available from <http://go.qub.ac.uk/Guideforapplicants>