

# Call for Expressions of Interest

## Marie-Curie Early-Stage-Researcher Positions (Doctoral students) in “Geoinformatics/GeoWeb 2.0”

### OVERVIEW

13 Early Stage Researcher (ESR) positions are available at the following institutions:

- **National Technical University of Athens**, Greece – [Prof. Timos Sellis](#)
- **Universität Bremen**, Germany – Prof. Christian Freksa ([Cognitive Systems Group](#))
- **Freie Universität Berlin**, Germany – [Prof. Jochen Schiller](#) and [Prof. Agnes Voisard](#)
- **Aarhus Universitet**, Denmark – [Prof. Christian S. Jensen](#)
- **ETH Zürich**, Switzerland – [Prof. Gustavo Alonso](#)
- **National University of Ireland Maynooth**, Ireland – Prof. Stewart Fotheringham ([National Center for Geocomputation](#))

These positions are funded by the European Commission under the Marie Curie **Initial Training Network Programme project GEOCROWD** (<http://www.geocrowd.eu>).

The **duration of the positions is 3 years** with the possibility of an extension funded from other sources. Applications for smaller periods will be considered.

Recruited ESRs will have the option to enroll as PhD students at the various institutions.

### RESEARCH TOPIC

GeoWeb 2.0 is the geographic embodiment of the Web 2.0 moniker for the next generation Web, that is, it is a term the next generation of geographic information publishing, discovery and use. The goal of the GEOCROWD project is to establish a fertile research environment by means of a training network that will **promote the GeoWeb 2.0 vision and advance the state of the art in collecting, storing, analyzing, processing, reconciling, and making large amounts of semantically rich user-generated geospatial information available on the Web**. Specifically, activities will be centered on (i) exploiting user-contributed geospatial data, (ii) Web-geodata management, (iii) efficient means for data collection and dissemination, e.g., mobile computing, and (iv) innovative uses for such data. The project goal is to tame this data explosion, which applied to the geospatial domain translates into massively collecting and sharing knowledge to ultimately digitize the world. This is the challenging research goal to be undertaken by the recruited ESRs.

Junior researchers with an MSc in areas such as **spatial databases, query processing and indexing, mobile and pervasive computing, large scale data management, distributed systems, AI, geographic information science, geocomputation, and spatial and temporal reasoning** are encouraged to apply.

### ELIGIBILITY

- The recruited ESR should be, at the time of selection, in the **first four years of their research careers** (measured from the date when they obtained the degree which would formally entitle them to embark on a doctorate).

- ESRs should not already have a PhD, and they should have the **qualifications to embark on a PhD program** (i.e., they should have an MSc by the time of the recruitment).
- ESRs **must not have resided** or carried out their main activities (work, studies, etc.) **in the host country for more than 12 months in the last 3 years**. This requirement is irrespective of the applicant's nationality.

## FINANCIAL PROVISIONS

Marie Curie fellows enjoy **good salaries and working conditions**, career development opportunities and work-life balance. More specifically, the financial support of Marie Curie ITN to the ESR includes:

- a considerable monthly living and mobility allowance,
- a yearly travel allowance (i.e., a fixed amount of money based upon the direct distance between the location of origin of the researcher and the place of work),
- a career exploratory allowance (i.e., a single payment for attending job interviews, additional courses, job fairs, etc.), and
- coverage of the expenses related to the participation of the ESR in research and training activities (contribution to research-related costs, meetings, conference attendance, training actions, etc.).

## HOW TO APPLY?

To communicate your **expression of interest**, please send (i) your curriculum vitae and (ii) country/institution preference by **email to [contact@geocrowd.eu](mailto:contact@geocrowd.eu)**.

While expressions of interest are accepted on a continuous basis, applications received by **February 25, 2011** will be considered in the first evaluation cycle.

## MORE INFORMATION

- **About** the project: <http://www.geocrowd.eu>
- **Questions?** Send an email to [contact@geocrowd.eu](mailto:contact@geocrowd.eu)!