



## Internship proposal f/m Nr. 16J022

### Title: Use of ecosystems services maps for the private sector

EIFER (European Institute for Energy Research) was established in 2001 as collaboration between the Karlsruhe Institute of Technology (KIT) and Electricité de France (EDF). Today EIFER has an international team of more than 100 researchers. The environment team is currently looking for a student in the scope of a research project devoted to biodiversity and ecosystem services (ES). In collaboration with the LECA (Laboratoire d'Ecologie Alpine, Grenoble, France), the trainee will explore available ES maps in order to assess to what extent those results are of added value for corporate environment management.

### The assigned tasks involve

- Identifying available ES maps for the French Alps (among which those produced from LECA research activities)
- Using hydroelectric generating facilities in the French Alps as a case study to conduct an analysis at a large scale (i.e. Alpine arc) and determine which specific ES and/or ES bundles and/or ES bundles patterns characterize facilities locations
- Developing a more detailed analysis for a particular site by using among other things the biodiversity data available
- Assess whether this analysis produces results that gives new management hints for EDF

### Required qualifications / skills / interests

The position is aiming at students in environmental sciences.

- Knowledge in geo-information systems and management of large data sets
- Knowledge of biodiversity and ecosystem services concepts
- Interested in the field of energy and environment
- Fluent in French and English, additional knowledge of German would be of value

### Conditions

- Duration: 6 months, ideally starting in March 2017
- Location: EIFER, Emmy-Noether-Str. 11, 76131 Karlsruhe, Germany
- Working hours: 39,5 hours per week
- Monthly compensation: 450 €

### Contact

If you want to join a highly motivated research group, please forward your application including all relevant information (curriculum vitae and cover letter, in French or English) to [jobs@eifer.org](mailto:jobs@eifer.org). **Please refer to the offer-number 16J022.** For additional information concerning the work please contact: Cécile Leclere: [leclere@eifer.org](mailto:leclere@eifer.org), Tel. +49 (0) 721/6105-1314.