

## Call for 2 Post-doc Fellowships for Climate Change Research

### Institute of Environmental Science and Technology (ICTA)

#### ‘Maria de Maetzu’ Unit of Excellence

The [Institute of Environmental Science and Technology](#) at the Universitat Autònoma de Barcelona (ICTA-UAB) offers 2 18-month post-doc fellowships for research on climate change within the ICTA-UAB Unit of Excellence ‘María de Maeztu’.

Minimum requirements are a Ph.D. degree obtained before the beginning of the contract, with a maximum of seven years since completion of the PhD (not including maternity leaves or other health-related breaks of career). Only very strong candidates with a very promising research trajectory and excellent capabilities will be considered. The successful applicants will become core members of the ‘Unit of Excellence’ funding programme (which includes research supervisors, 19 PhD students, 5 postdoctoral researchers, and a research manager). They will have a competitive salary for Spanish standards (30.100 Euros gross per annum, candidates for up to three years’ experience; 32.000 Euros per annum, candidates with experience from three to seven years) and a travel budget with possibility for visiting research stays.

The call is open to candidates from all disciplines but special preference will be given to engineering and natural science backgrounds. Candidates will be evaluated based on their academic record and the strength of their research proposal to meet the objectives of this call, which are as follows:

Within the over-arching theme of Maria de Maeztu (please visit website for specifics) the project proposed should address one of the following:

**-New technological solutions for transition to a low-carbon economy.**

**-Complex systems approach (e.g. network theory or other mathematical analysis) to social, technological or ecological dynamical systems, in the context of climate change**

**-Global modeling and/or data analysis of direct interactions between humans and the ocean ecosystem (e.g. fishing fleets, plastic production)**

The applicant must include a specific deliverable addressing one of the proposed topics just described, which should be submitted at the end of the postdoc position. The deliverable could be a scientific article, a report, etc.

The application includes:

1. A single doc file containing
  - a. A statement on research interests (1500 characters – not counting spaces - maximum), followed by a list of up to 5 of the applicant's most relevant publications.
  - b. A proposal (3000 characters maximum) concerning the research to be conducted.
  - c. The names, affiliations and emails of two referees, that will be contacted if necessary and who should be willing to provide a letter within a two-weeks' notice.
2. A single .pdf file (up to 4 Mb) containing the candidate's CV in English.
3. A pdf of the best academic article where the applicant is the lead (or sole) author - published, in press, or submitted and under revision.

**Deadline for applications is 8 pm (CET) on 6<sup>th</sup> June:** contracts should start July 2018. Please write to [pr.mdm.icta@uab.cat](mailto:pr.mdm.icta@uab.cat) for further information or to apply for the positions.

**About ICTA-UAB María de Maeztu Unit of Excellence:**

The Institute of Environmental Science and Technology was accredited as 'María de Maeztu' Unit of Excellence 2015 (MDM-2015-0552) by the Spanish Ministry of Economy and Competitiveness (MINECO). The award is the highest institutional recognition of scientific research in Spain. ICTA-UAB is confirmed as a leading research institute on environmental science and global change.

ICTA-UAB is implementing a Strategic Research Programme (2016-2019) intended to consolidate its scientific capabilities on the field of climate change, contribute to the leadership of Spanish research and act as an international pole of attraction for talent. The plan addresses major global environmental and sustainability challenges related to anthropogenic climate change, focusing on establishing the current state of knowledge on climate change and its socio-economic impacts, and on putting forward transformative solutions at the local and regional levels. ICTA researchers follow a trans-disciplinary approach that ranges from the natural sciences to engineering and social sciences.