

Dear colleagues,

Having been awarded the “Maria de Maeztu” Unit of Excellence distinction of the Spanish Ministry of Science and Innovation, the Institute of Environmental Science and Technology (ICTA-UAB) is seeking 5 postdoctoral fellows to work on research topics related to oceanic and land-use systems, cities, production and consumption patterns, and transformative policies.

Oceans – Reference number: 2021DILEUA29

<https://tauler.seu.cat/pagDetall.do?idEdicte=292872&idens=11>

Land – Reference number: 2021DILEUA30

<https://tauler.seu.cat/pagDetall.do?idEdicte=292878&idens=11>

Cities – Reference number: 2021DILEUA31

<https://tauler.seu.cat/pagDetall.do?idEdicte=292887&idens=11>

Consumption – Reference number: 2021DILEUA32

<https://tauler.seu.cat/pagDetall.do?idEdicte=292899&idens=11>

Policies – Reference number: 2021DILEUA28 à SC5 POLICIES

<https://tauler.seu.cat/pagDetall.do?idEdicte=292870&idens=11>

ABOUT ICTA-UAB

The Institute of Environmental Science and Technology (ICTA-UAB) is a multidisciplinary centre that promotes academic research and postgraduate education in the Environmental Sciences. Since 2014, the institute is located in an emblematic building that satisfies high energy-efficiency standards. Research at ICTA-UAB aims to improve our understanding of global environmental change, and the nature and causes of environmental problems. In addition, researchers study policies, strategies and technologies to foster a transition to a more sustainable economy and equitable society.

ICTA-UAB has been recognized with the “María de Maeztu Unit of Excellence” award by the Spanish Ministry of Economy and Competitiveness in 2015 and again in 2019. The strategic plan is structured around 5 Societal Challenges: OCEANS, LAND, CITIES, CONSUMPTION, POLICIES.

Position: POST-DOCTORAL RESEARCHER - SOCIETAL CHALLENGE OCEANS (Ref. number: 2021DILEUA29)

Application deadline: 30th April 2021

Salary: € 28,000-32,000, depending on experience and skills. Vacation days, parental leave and medical coverage included (according to the Spanish employment regulation and social security system).

Contract duration: 2 years, Full-time position.

Job description

ICTA-UAB is seeking a postdoctoral fellow to develop a research project related to the Societal Challenge **OCEANS**, which aims to anticipate the impacts of global change on oceanic and coastal systems and develop pathways towards sustainable and equitable interactions with marine environments and their resources. The postdoctoral researcher will work in collaboration with the theme leaders (Patrizia Ziveri, Andre Colonese) and is expected to forge connections between existing research lines and the work of senior members of the research teams involved in the challenge as well as to contribute to the intellectual life at ICTA-UAB.

Job responsibilities

The research project will address one or more of the following themes:

- Determine the different temporal scales of climate change impacts, including orbital timescales, and Earth system feedback mechanisms in relation to anthropogenic environmental changes
- Reconstruct the nature and scale of human-environmental interactions on local and regional scales in tropical and subtropical coastal regions
- Construct a global understanding of the key land-ocean interaction processes, and assess what natural or anthropogenic mechanisms are more significant in the offshore export of materials or contaminants
- Create new knowledge on the regional risks related to climatic and other local stressors of environmental change on coastal systems, with particular emphasis on coastal communities and socially vulnerable groups.

Qualification and skills

The ideal candidate will hold a PhD (earned in the last 5 years) in a related field of Societal Challenge OCEANS (e.g., Life or Earth Sciences, Environmental Sciences, Oceanography, Chemistry, Physics, Engineering) AND/OR have conducted doctoral research with such a focus (marine science topic).

Required skills: Microsoft Office suite, Statistical software, excellent communication in English

Desirable skills: Strong motivation and commitment, attention to detail and ability to focus and lead specific tasks, demonstrated ability to work with deadlines, ability to work with highly qualified colleagues with international backgrounds.

Valuable working experience: Track-record of publications (including first author in peer-reviewed journals), research mobility, presentations in international scientific meetings, participation in research projects, experience in applying for competitive funds

Application

Candidates should submit their applications through the [UAB portal](#) with reference number 2021DILEUA29 ([Post-doc position SC OCEANS](#)). Applications should include: an updated 2-page Curriculum Vitae (CV); a Statement of interest (no longer than 2000 characters including spaces); a Research project or agenda (no longer than 3000 characters including spaces).

ICTA-UAB is committed to pro-active policies on equal opportunities following the principles and action plans endorsed by the [UAB](#). Applications from all backgrounds are encouraged.

The position will be funded by the María de Maeztu award. For further information, contact the MDM scientific manager (michela.osnato@uab.cat) quoting the reference 2021DILEUA29.

Many thanks for your interest,

Feel free to share the announcement around you,

Isabelle

Isabelle Anguelovski, PhD ICREA Research Professor
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