

## HOSTING OFFER – MSCA POSTDOCTORAL FELLOWSHIP 2021 CALL

### Offer title

Nitrogen and Carbon cycling interactions and functional diversity

### Name

Angela Ribas Artola

### ORCID

000-0002-5938-2408

### Email

[a.ribas@creaf.uab.cat](mailto:a.ribas@creaf.uab.cat)

### EU Research Framework Programme

Horizon Europe/Marie Skłodowska-Curie Action [2021 call](#)

### Research interests/undergoing projects

My background is on the study of atmosphere-biosphere interactions linked with plant ecology and ecophysiology aspects. My subjects of study are: climate change, atmospheric pollution, surface ozone concentrations and its precursors (biogenic VOCs and NO<sub>x</sub> emissions), GHG fluxes (including CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O) and functioning of terrestrial ecosystems. Since 2008, my research has been focussed on functional processes in biological communities to establish the basis for the sustainable management of agroecosystems, mainly grasslands. My current research interests include the study of biogeochemical cycle processes linked to ecosystem functioning, and the impact of management and climate regime on this relationship, including the processes that occur along trophic webs and within the soil-microbe-plant-atmosphere system. I'm currently collaborating with GEU group (Global Ecology Unit) lead by Josep Peñuelas. Current undergoing projects are SUSFORAGE (call PRIMA 2020), and the participation on LegacyNet (<https://legacynet.scss.tcd.ie/index.php>)

## Organization

CREAF, <http://www.creaf.cat/msca-postdoctoral-fellowship-creaf>

Through excellence in science we aim to be a Mediterranean and world-class research institution that pushes the frontiers of knowledge while addressing some of the biggest and more complex environmental challenges society faces this century.

Founded in 1987, CREAF is a public research and innovation centre in ecology, territorial analysis and environmental impact. We aim to create new knowledge and innovative solutions on ecology management and land-atmosphere interaction that helps society to mitigate Global Change effects, creating adaptation plans and boosting the resilience of nature.

CREAF's expertise includes among other topics conservation ecology, land use policy, forest biomass and production measurements, powerful GIS technologies, remote sensing, fire ecology, and modelling ecosystem processes. It contributes to the development of methodological and conceptual tools designed to facilitate decision-making and improve environmental management.

## Location

Cerdanyola del Vallès, near Barcelona, Spain

## Offer Deadline

11<sup>th</sup> July 2021

## Eligibility criteria

The applicant can be of any nationality. By the time of the 2021 MSCA-PF application deadline, applicants must:

- hold a doctoral degree
- do not have more than 8 years of full-time equivalent in research
- not have spent more than 12 months in Spain in the three years immediately prior to the call deadline.

## How to apply

Researchers willing to apply should check that they fulfil the eligibility criteria. Please send to [a.ribas@creaf.uab.cat](mailto:a.ribas@creaf.uab.cat) and [msca@creaf.uab.cat](mailto:msca@creaf.uab.cat) asap and at the latest by 11<sup>th</sup> June 2020:

- your CV
- a covering letter explaining why you wish to apply for an MSCA-PF at CREAF
- an outline for a research project that would strengthen and complement the presented research profile

Selected candidates will be informed by the end of July.

Please include "MSCA PF 2021\_Angela Ribas" in the subject line of your email.