

On behalf of the European Space Agency (ESA), we are pleased to invite you to participate to the Call for Research Proposals of the Living Planet Fellowship 2019.

The main objective of this initiative is to provide support to young researchers who have a doctoral degree and who would like to initiate a scientific career in the context of Earth Observation and Earth System Science.

Candidate researchers shall submit research proposals responding to one of the following two Research Areas:

A. Advancing Novel Methods and Techniques

Targeted research projects aimed at developing innovative methods, novel algorithms and new EO products and datasets expanding the scientific use of the Sentinel missions, the Earth Explorers or the ESA long-term data archives into new scientific areas and application domains. Activities shall establish a solid basis to expand the missions product portfolio and stimulate novel science results and innovative applications. Priority will be given to develop and validate novel algorithms, data processing techniques, advanced methodologies and new EO-based products that may maximise the novel capabilities offered by the Sentinel missions, the unique data offered by the Earth Explorers, the long-term series of ESA data archives, and its synergies also in combination with meteorological and non-ESA missions.

B. Advancing Earth System Science

Cutting-edge scientific activities aimed at maximizing the scientific impact of ESA and European missions in terms of new discoveries and advances in Earth system science addressing the new challenges of the ESA EO Science Strategy. Projects shall contribute to answer major open questions in Earth system science, address global scientific challenges and community priorities posed by international Earth System Science communities and international science groups (e.g. WCRP, SOLAS, GCP). Priority will be given to activities that maximise the scientific return of ESA and European EO assets including Sentinel, Earth Explorers and Meteo mission data, the long-term ESA archive and existing EO-based long-term datasets (e.g. ESA project results).

Projects will be funded under the 5th period of ESA's Earth Observation Envelope Programme (**EOEP 5**). This is an optional programme of the Agency. The Agency can only consider proposals from institutions having their registered seat in Participating States having duly declared their participation in the programme, i.e.: **Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom, Slovenia and Canada.**

The 2019 Call for Proposals Package is available for download [here](#).

Proposals and all supporting documents must be sent by e-mail to: EOScience@esa.int no later than **1 November 2019 (Closing Date)**.

Any questions relating to this Call must be sent by e-mail to EOScience@esa.int **not later than two (2) weeks before the Closing Date**.