**African Research Fellowship**

**Earth Observation Project Proposal**

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| **General Information** | |
| **Project Title** |  |
| **Acronym** |  |
| **Candidate name & Lastname** |  |
| **Title** |  |
| **Address of residence** |  |
| **Country** |  |
| **Nationality** |  |
| **Telephone & fax number** |  |
| **Email address** |  |
| **Date of birth** |  |
| **General Project Presentation** | |
| **Abstract***: (max 500 words, please remember that the proposal should focus on water resources management or food security issues, exploiting Earth Observation satellite data)* | |
| **Project Objectives:** (*max 150 words)* | |
| **Project outputs:** *(max 150 words)* | |
| **Expected advancement vs the state of the art, innovation and scientific impact:** *(max 500 words)* | |
| **Description of any collaborative partnership with African institutions:** (max 150 words) | |

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| **R&D Proposal**  **(Maximum 2 pages + 2 additional pages for figures and references)** |
| **Problem Statement and scientific background:** |
| **Work Plan and proposed scientific and methodological approach, exploiting EO data:**  *(note: the Fellow shall start activities in ESA-ESRIN in June 2025)* |

**Additional Information**

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| **Planned publications** | |
| **Please, indicate the preliminary list of expected publications.** | |
| **Availability to start activities in ESA-ESRIN in June 2025** | |
| **Please, confirm your availability to start your 1 year fellowship in ESA-ESRIN (Frascati, Italy) in June 2025** | |
| **Data Requirements and availability** | |
| **Satellite data requirements** | Please indicate ad justify the type of data product, their estimated volume, the provider and the approach you plan to follow to get access to such data. |
| **Additional available in-situ or ancillary data** | Please indicate which data, their source and availability. |
| **Models** | Please indicate which models and their availability. |
| **Intellectual Property Rights** | |
| **Please indicate any conditions with respect to IPR related to the material (data, models, software) planned to be used.** | |
| **In-situ data collection and ground experiments** | |
| **Please, provide a short description. ESA cannot support costs related to this step.** | |
| **Access to cloud computing resources and digital platform services** | |
| **Please, provide an estimate of the processing resources required to achieve the scientific objectives of the study proposed. Information is accessible via the ESA Network of Resources (**[**https://nor-discover.org/**](https://nor-discover.org/) **).** | |

**Additional Documentation Required**

* **2 reference letters of support from key experts / scientist in the field relevant for this proposal supporting the proposed work. Please, attach the reference letters separately using the online forms.**

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| **Letters of support contact details** | |
| **Names and contact details of 2 supporters.**  Please, attach the reference letters separately. |  |