[AFESP Doctoral Training programme](https://research.reading.ac.uk/earth-system-prediction/opportunities/phd-opportunities/)

Expression of Interest by UoR supervisors

*2025 EoI call, closing by e.o.b. on Thursday 28th November 2024*

# Project details

|  |  |
| --- | --- |
| **Title:** | |
| **University of Reading Lead Supervisor:** |  |
| **Host department / Organisation / Affiliation (e.g.,** **NCEO,** **NCAS)** |  |
| **E-mail address:** |  |
| **Co-supervisor(s), department/organization & email:** |  |
| ONLY IF ALREADY KNOWN:  **ECMWF, Met Office, NCAS co-supervisor(s),** *Please note that this is not a requirement at this stage, and it shall not affect your chances for success. The liaison committee shall help all teams to find suitable MO/ECMWF/NCAS co-supervisors at full proposal stage. Please ensure all partner organisation contact is initiated via the liaison committee (contact* [*AFESP-DTP@reading.ac.uk*](mailto:AFESP-DTP@reading.ac.uk) *in the first instance),* |  |

Important notes about the supervisory team:

1. The lead supervisor must be from the University of Reading and meet NERC PI-status (includes NCAS and NCEO staff at Reading); for the final proposal stage, at least one co-supervisor must belong to ECMWF and/or the Met Office.
2. The student will be based at the host department of their lead supervisor.
3. Lead supervisors of AFESP funded students starting in the 2024/2025 academic year are not eligible to lead a proposal in the current call but will become eligible again next year.
4. Each supervisor can be named on two proposals per year but lead on only one proposal.
5. Each student must have at least two supervisors, and a maximum of four.

# Brief Project Description

The AFESP DTP selection board comprises members from each organisation. The Board does not have expertise in all possible specific subjects, so please keep your descriptions at a level understandable by an academic colleague with no specialist knowledge of your field. Do not assume prior knowledge of the context and state-of-the-art and avoid jargon.

**1a. Which** [**AFESP theme**](https://research.reading.ac.uk/earth-system-prediction/our-research/science-plan/#challenges) **is the project best aligned to, and why?** (100 words max.)

* **Theme 1:** Predicting the Earth System up to the sub-seasonal range
* **Theme 2:** Challenges and opportunities in simulating the Earth System at the kilometre-scale
* **Theme 3:** Data assimilation for the Earth system across a range of scales

**1b. Please provide an abstract for your proposed project, including the main research question.** (250 words max.)

**PLEASE RETURN THIS FORM TO:** [**AFESP-DTP@reading.ac.uk**](mailto:AFESP-DTP@reading.ac.uk)