**GW4 FRESH NERC Centre for Doctoral Training : Supervisor Project Proposals 2020-21**

**Page 1: GW4 FRESH NERC CDT Project Proposals: 2020-21 Intake**

Please refer to the FAQ document when completing your project proposal. This form should be submitted by 9 September 2019 at the latest.

Please note that this form can be saved and completed in stages BUT cannot be shared with other people. If you wish to collaborate and share your answers before submission, then you will have to do this via a Word document then cut and paste your answers into this form at a later stage.

Once you have submitted the form it cannot be revised or amended. If you realise you have made a mistake after submission (clicking on the 'Finish' button) you will need to re-do the whole form, and let us know so that we can delete the previous version.

**Page 2: Project Details**

Project Title: ι Required

Please select the most relevant research theme(s) ι Required – select all that apply

X Quantify and mitigate emerging risks to freshwater ecosystems that stem from changing patterns, such as changes in behaviours, demography, governance or climate;

X Develop and test next generation sensing and monitoring tools for freshwater ecosystems and ecosystem services; based on recent advances in omics, sensing novel sensor technology, imaging, and big data computing.

X Tackle extinction and impairment in freshwater ecosystems; namely through landscape scale measures to enhance ecosystem health, natural capital and ecosystem service resilience.

X Create integrated solutions to utilise freshwater ecosystem service sustainably for people and ecosystems, namely through improving our understanding of how multiple pressures interact to impact on freshwater ecosystems, and determining how best to manage these pressures.

If your project is approved, the responses to Question 3 will be used to advertise your project, so please be brief and use an advertorial style. Ideally use no more than 50 words. We will request images to go with the text from approved projects. A full project description is requested in question 4.

3. What does a student need to know about this project and why is your supervisory team best to support it?

3a. What expertise will the student develop? ι Required

3b. Why is the project novel? ι Required

3c. What real-life challenge does it address? ι Required

3d. What multi-disciplinarity is involved? ι Required

**Page 3: The Proposed Project**

Please refer to project selection criteria and the FAQ and consider how your project meets the key criteria. You may include details on additional funding, access to facilities and resources, stakeholder engagement, professional development opportunities, engagement with other Doctoral Training initiatives etc.

4. Please describe the proposed project, including the student experience. (Your answer should be no more than 3500 characters long.)

5. What impact might the project have and what are the potential benefits of the project to the Stakeholder partner? For instance, how would the project link to a specific priority programme, affect operations or procedures? (Your answer should be no more than 3500 characters long.)

6. Please outline what the stakeholder will be bringing to the project, e.g. amount of supervisory time, offer of placement (including length, if applicable) contribution to RTSG, access to resources/materials/data. (Your answer should be no more than 3500 characters long.)

CASE studentships will be particularly welcome; a CASE studentship includes a minimum contribution of £1,000 per annum to the student’s RTSG and a minimum three month placement (up to 18 months) which can be spread over the project lifetime. There is also an expectation that the partner will cover a student’s out-of-pocket expenses, such as travel to the site, and provide access to the resources, facilities and equipment necessary to carry out the project.

**Page 4: The Supervisory Team: Lead Supervisor**

Please ensure and confirm that you meet the requirements for supervisor eligibility by the lead HEI

Lead Supervisor Title: ι Required Professor Dr Other

7a. If you selected Other, please specify:

7b. Lead Supervisor First name: ι Required

7c. Lead Supervisor Surname: ι Required

7d. Lead Supervisor Affiliation: ι Required

7di.College / Faculty / Section: ι Required

7dii. Department / School: ι Required

7.e Lead Supervisor Email: ι Required

7f. Your twitter address (for project promotion)

*The next sections ask for details of the stakeholder supervisor and co-supervisors. Note that:*

*1. at least one of the co-supervisors****must****be from a GW4 university other than your own and all projects****must****have a stakeholder partner. Please see*[*FAQs*](https://www.gw4fresh.co.uk/wp-content/uploads/sites/6/2019/05/FAQs-2020-FRESH-Call-for-Projects.pdf)*for further details.*

*2. a stakeholder letter of support should be submitted at the time of the project application.*

**Page 5: The Supervisory Team: The Stakeholder Supervisor**

8. Stakeholder Supervisor Title: ι Required Professor Dr Mr Mrs Ms Other

8a. If you selected Other, please specify:

8b. Stakeholder Supervisor First name: ι Required

8c. Stakeholder Supervisor Surname: ι Required

8d. Stakeholder Supervisor Email: ι Required

8e. Stakeholder's Organisation:

**Page 6: The Supervisory Team: Co-Supervisor 1**

9. Co- Supervisor 1 Title: Professor Dr Other ι Required

9a. If you selected Other, please specify:

9b. Co-supervisor 1 First name: ι Required

9c. Co-supervisor 1 Surname: ι Required

9d. Co-supervisor 1 University Affiliation: ι Required

9di. If you selected Other, please specify:

9dii. College / Faculty / Section: ι Required

9diii. Department / School: ι Required

9e. Co-supervisor 1 Email: ι Required

**Page 7: The Supervisory Team: Co-Supervisor 2**

10. Add another supervisor: ι Required Yes No

10a. Co-supervisor 2 Title: Professor Dr Other

10ai. If you selected Other, please specify:

10b. Co-supervisor 2 First name:

10c. Co-supervisor 2 Surname:

10d. Co-supervisor 2 Affiliation:

10di. If you selected Other, please specify:

10dii. College / Faculty / Section:

10diii. Department / School:

10e. Co-supervisor 2 Email:

**Page 8: The Supervisory Team: Co-Supervisor 3**

11. Add another supervisor: ι Required Yes No

11a.Co-supervisor 3 Title: Professor Dr Other

11ai. If you selected Other, please specify:

11b. Optional Co-supervisor 3 First name:

11c. Co-supervisor 3 Surname:

11d. Co-supervisor 3 Affiliation:

11di. If you selected Other, please specify:

11dii. College / Faculty Section:

11diii. Department / School:

11e. Co-supervisor 3 Email:

**Page 9: The Supervisory Team: Co-Supervisor 4**

12. Add another supervisor: ι Required Yes No

12a. Co-supervisor 3 Title: Professor Dr Other

12ai. If you selected Other, please specify:

12b. Optional Co-supervisor 3 First name:

12c. Co-supervisor 3 Surname:

12d. Co-supervisor 3 Affiliation:

12di. If you selected Other, please specify:

12dii. College / Faculty Section:

12diii. Department / School:

12e. Co-supervisor 3 Email:

**Page 10: Supervisor Experience and Capacity**

13. For the following questions add answers for each member of the academic supervisory team: Lead Supervisor/Co-Supervisor 1/ Co-Supervisor 2/ Co-Supervisor 3

Current number of PhDs being supervised

Number of full-time PhD students starting 2013/2014 through to 2018/2019

Number of those starts who submitted in 4 years

PhDs and submissions

13a. Comments on above (optional):

**14. I confirm that I have institutional approval, eg from Head of School/Faculty/Dept, to submit this project proposal**. Yes No

**15. I confirm that I have/will obtain a stakeholder letter of support, outlining the stakeholder contribution to the project**. Yes No

**16. By submitting this project, I agree to be involved in FRESH CDT student cohort training activities and cohort-building events**. Yes No

PLEASE NOTE: THIS IS THE LAST QUESTION. CLICKING 'FINISH' WILL SUBMIT YOUR PROPOSAL AND IT CANNOT BE UNDONE.

**Page 11: Thank You!**

Thank you for completing your project proposal. If you are seeing this message, then please be assured we have received your application. There will be no email follow-up to confirm receipt.

We recommend downloading the submission reference and a copy of your answers, which are available for the next 15 minutes only.

Please submit your letter of stakeholder support ([template available on our webpage here](https://www.gw4fresh.co.uk/how-to-apply/supervisors/)) to the FRESH CDT by 9 September using this email address: [fresh@cardiff.ac.uk](http://fresh@cardiff.ac.uk/). Please preface the email heading with your Surname then Project Stakeholder Letter of Support: 'Organisation name'

We aim to let all lead supervisors know the outcome of the submission by the end of September.