**The EPSRC Centre for Doctoral Training in**

**Offshore Wind Energy Sustainability and Resilience**

**PhD scholarship Supplementary Application Form**

**Instructions**

**Completing the form**

Applicants must:

1. Fully complete sections A and B of the form
2. Specify the research project for which they are interested in applying.

**IMPORTANT:**

Failure to follow these instructions will result in the application not being reviewed.

At the CDT we believe that your answers to the questions in this form are an important reflection of your experiences, motivations and individuality. We have experienced reading AI generated answers and would strongly recommend you express your responses to the questions in your own voice. Our review panels are looking for genuine insights and authenticity is key in highlighting who you are, your passions and what drives you. Using AI may undermine the unique perspective you bring to your application and could detract from the opportunity to make a meaningful connection with the review panel.

**Uploading the form**

When you have completed the form, please save it as a pdf format labelled as follows:

**Last name\_first name PhD application form**

The project that you are applying for has an ‘Apply Now’ link on the project page which will take you to the online application portal, for the University where the project is based. Please upload this completed supplementary application form as part of your application documents through the University application portal:

* **University of Hull** - please upload the form when asked to add a research proposal (the form replaces the research proposal which is not needed for this application).
* **Loughborough University** – please upload the form as part of your supporting evidence documentation.
* **Durham University** - please upload the form when asked to add Personal Statement. The form replaces the Personal Statement and so you do not need to complete the Personal Statement section
* **University of Sheffield** – please upload the form as part of your supporting evidence documentation.

**Please also upload a copy of your CV. You must upload this completed Supplementary Application Form and a copy of your CV to the University application portal as part of your application.** If you have any questions about completing this form, please contact auracdt@hull.ac.uk.

**Section A Education, training, work experience**

1. **Education**
2. Degrees awarded

*Please include the details of all degrees completed and awarded.*

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| **START DATE (MM/YYYY)** | **END DATE (MM/YYYY)** | **INSTITUTION AND COURSE TITLE** | **ACTUAL GRADE** |
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1. Undergraduate course details

*Please include all modules completed as part of a degree course for undergraduate only.*

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| **DATE (MM/YYYY)** | **INSTITUTION AND COURSE TITLE** | **MODULE TITLE** | **ACTUAL GRADE** |
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1. Postgraduate course details

*Please include all modules completed as part of a degree course for postgraduate only.*

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1. **Training courses**

*Please include details of all relevant training and development courses you have completed.*

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1. **Other relevant experience (eg. volunteer work, internships, placements)**

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| **ORGANISATION AND Role title** | **START DATE (MM/YYYY)** | **END DATE (MM/YYYY)** | **Role (short description 20 words each)** |
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1. **publications**

*Please list all your publications, including your contribution to the manuscript in the % contribution column. Please do not include the title of the publication or any identifying details in this information. Please leave blank if you do not have any publications to include.*

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| **YEAR** **(MM/YYYY)** | **% contribution** | **Journal Title** |
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1. **Employment**

*Please include details of all employment*

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| **ORGANISATION AND Role title** | **START DATE (MM/YYYY)** | **END DATE (MM/YYYY)** | **Key responsibilities (50 words each)** |
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**Section B Programme specific requirements**

**IMPORTANT:** Please complete all questions below. Each box has a word limit, any extra words over the word limit will be deleted.

1. Which research project are you applying for? You must select **one** project (information on each individual projects can be found by clicking on each project link in the list below):

**University of Hull Projects**

☐ [Implications of Extreme Temperatures on Physiological and Cognitive Functioning in Offshore Wind Technicians](https://auracdt.hull.ac.uk/research-projects/implications-of-extreme-temperatures-on-physiological-and-cognitive-functioning-in-offshore-wind-technicians)

☐ [Miniaturising gross proximate composition analysis techniques to develop accurate ecological models of marine species interactions at the scale of offshore windfarms](https://auracdt.hull.ac.uk/research-projects/miniaturising-gross-proximate-composition-analysis-techniques)

☐ [SafeML-based Confidence Generation and Explainability for UAV-based Anomality Detection of Blades Surface in Offshore Wind Turbines](https://auracdt.hull.ac.uk/research-projects/safeml-based-confidence-generation-and-explainability-for-uav-based-anomality-detection-of-blades-surface-in-offshore-wind-turbines)

**Durham University Projects**

☐ [Bilateral wind flow interactions with floating offshore wind turbines](https://auracdt.hull.ac.uk/research-projects/bilateral-wind-flow-interactions-with-floating-offshore-wind-turbines)

☐ [Development and validation of physics-based models for wakes of large offshore wind farms](https://auracdt.hull.ac.uk/research-projects/development-and-validation-of-physics-based-models-for-wakes-of-large-offshore-wind-farms)

☐ [Optimisation of wind farms power production using AI](https://auracdt.hull.ac.uk/research-projects/optimisation-of-wind-farms-power-production-using-ai)

☐ [Post installation sediment evolution in dynamic seabed conditions: impact on offshore wind cable installation, protection and performance](https://auracdt.hull.ac.uk/research-projects/post-installation-sediment-evolution-in-dynamic-seabed-conditions)

**University of Sheffield Projects**

☐ [Data assimilation for wake-wake interactions](https://auracdt.hull.ac.uk/research-projects/data-assimilation-for-wake-wake-interactions)

☐ [Digital twins for health monitoring and fault detection in wind generators and converters](https://auracdt.hull.ac.uk/research-projects/digital-twins-for-health-monitoring-and-fault-detection-in-wind-generators-and-converters)

☐ [Low maintenance reliable main bearings for large wind turbines](https://auracdt.hull.ac.uk/research-projects/low-maintenance-reliable-main-bearings-for-large-wind-turbines)

**Loughborough University Projects**

☐ [The Economic Impact of Offshore Wind Farm Development on Energy Pricing and Market Dynamics in the UK](https://auracdt.hull.ac.uk/research-projects/the-economic-impact-of-offshore-wind-farm-development-on-energy-pricing-and-market-dynamics-in-the-uk)

☐ [Integrating Macroeconomics and Offshore Wind Energy: Assessing Economic Impacts and Policy Interventions](https://auracdt.hull.ac.uk/research-projects/integrating-macroeconomics-and-offshore-wind-energy-assessing-economic-impacts-and-policy-interventions)

☐ [Left in the wake: assessing the impact of sediment mobility in the wake of offshore wind infrastructure](https://auracdt.hull.ac.uk/research-projects/left-in-the-wake)

☐ [Unintended consequences of Offshore Wind farms: a socio-economic impact evaluation on wellbeing and community dynamics](https://auracdt.hull.ac.uk/research-projects/unintended-consequences-of-offshore-wind-farms-a-socio-economic-impact-evaluation-on-wellbeing-and-community-dynamics)

1. Why do you want to do a PhD and how does it fit your career aspirations? (100 words)
2. Why specifically do you want to join the EPSRC Centre for Doctoral Training in Offshore Wind Energy Sustainability and Resilience (100 words)
3. What will you bring to and gain from an interdisciplinary and collaborative PhD in **offshore wind energy, sustainability and resilience?** (100 words)
4. Describe your skills and background which are relevant to the **research project** you are applying for? (200 words).

Project Title:

*Please link your skills and experience directly to the project description.*

1. Describe how your relevant research skills and background are applicable to **offshore wind energy sustainability and resilience**? (200 words)
2. Please include any additional information here that you would like to make us aware of that you have not had the opportunity to include in previous sections of the form (this section is not compulsory and it is fine to leave this blank). (100 words)

**Guaranteed interview scheme – optional section**

The CDT is committed to generating a diverse and inclusive training programme and is looking to attract applicants from all backgrounds. We offer a Guaranteed Interview Scheme (GIS) for ***home fee status*** candidates who identify as Black or Black mixed and Asian or Asian mixed if they meet the programme entry requirements. This positive action is to support recruitment of these under-represented ethnic groups and is an opt in process. Applicants can opt in to the GIS using the tick box below if they meet ***all three*** of the following criteria:

1. Identify as Black or Black mixed; Asian or Asian mixed **AND**

2. Hold or expect to receive either 1) a first class honours degree\* or 2) a 2:1 honours degree and a Masters\* or 3) a Distinction at Masters level and any undergraduate degree classification\* (\*or the international equivalents) **AND**

3. Hold Home fee status for 2025 entry

If you are an applicant who ***meets all 3 of three criteria*** and would like to be considered under the GIS you must indicate this by ticking the box here [ ]

By doing this you are disclosing you identify as Black or Black mixed or Asian or Asian mixed to the recruitment panel. If you do not select this box, we will be unable to guarantee you an interview under the GIS even if you meet the entry requirements.  It is important to note that the GIS guarantees an interview for home fee status candidates who meet the entry criteria. **The selection decision at interview will be based on the most suitable candidate for the role regardless of background or protected characteristic.**