



PROJECT PROPOSAL FORM

Making the Most of Masters aims to improve collaboration between employers and universities by providing opportunities for masters students to undertake work based projects as an alternative to a traditional university dissertation. Projects should address a real need within the host organisation and be beneficial to both host and student.

The Marine Alliance for Science and Technology for Scotland (MASTS), pools the majority of Scotland's marine research capacity. MASTS members provide Masters courses in a range of marine related disciplines and many of their students are keen to undertake applied projects outside of academia.

Notes on Topic Selection

A relevant academic will work with your organisation to refine your proposed topic and ensure it meets both your needs and the academic requirements of the student. Projects should typically be achievable within a 12–16 week timeframe (including writing the final report).

Your proposed project could be:

- A specific project title or topic for the student to deliver;
- A general idea of a business need which requires further development;
- A core research theme to be developed by the student into a bespoke project;
- An intended outcome for the organisation.

The level of detail you provide will determine the extent to which further discussion may be required with the relevant programme director to ensure suitability.

Covid implications – the ongoing situation around Covid may suit desk-based/data studies that will easily facilitate remote working and remote supervision. If restrictions allow, in person projects are always welcomed.

What's Next?

Please send your completed form to the MASTS Programme Coordinator & Deputy Dean of Grad School, Dr Emma Defew (masts@st-andrews.ac.uk) before **16:00 on Friday 29th October 2021**.

Following submission of the form, it will be channeled to the leaders of the various Masters programmes that operate within the MASTS community and a representative from the most relevant programme or department will get in touch to discuss the project scope, delivery and the selection of an appropriate student. If more than one student expresses an interest in your project, discussions will take place to ensure the most suitable student is matched with your project. The projects themselves usually won't start until May or June.



Making the Most of Masters

MASTS - Making the Most of Masters – Project Proposal Form

<p>Name and address of Organisation:</p> <p>NatureScot, Great Glen House, Leachkin Road, Inverness, IV3 8NW</p>
<p>Name of the key contact in Organisation:</p> <p>Chris Eastham</p>
<p>Contact e-mail and phone number:</p> <p>MARINECOASTALVOLUNTEER@nature.scot / 07425 929403</p>
<p>Title of proposed project:</p> <p>Understanding wildlife interactions with tidal turbines by analysing video footage</p>
<p>Project outline and intended outcomes:</p> <p>Uncertainties remain regarding the interaction between tidal turbines and marine wildlife. Monitoring of operational tidal turbines is important to understand these interactions, and better inform Environmental Impact Assessments for future tidal energy projects deployments. Video data has been collected at several operational tidal turbine sites. Due to the large amount of data gathered, and the time required to review the data, to date only a proportion has been reviewed and analysed.</p> <p>This project will investigate ways of sampling large volumes of video data, analyse data for wildlife interactions, and explore the development of methods and tools for data analysis and data storage.</p>
<p>Any additional comments e.g. details of specific disciplines required, methods to be used, travel involved, where the work would take place (i.e. at the host site or at the University), whether you foresee any Intellectual Property or confidentiality issues (and if so, what form might these take?):</p> <p>This project is desk based and may include a confidentiality agreement regarding the use of video data.</p>

