

ECR Research Fund: Parametric Study for Flapping Foil System for Harnessing Wave Energy
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I am the lecturer in Lecturer in Marine Renewable Energy Systems at Cranfield University and have awarded the ECR Research Fund Award, entitled 'Parametric Study for Flapping Foil System for Harnessing Wave Energy'. My background is on the numerical methods for solving Multiphysics, multiscale problems, with the application to Marine Renewables.

This fund helped me developing the experimental experiences for Marine Renewable Energy research. This work is of broad interest to scientists and organisation concerned with green marine propulsion and with the renewable energy sector seeking to reduce the LCOE for floating platform. Two MSc thesis, one group project and one conference papers were relied on this work. It uses the novel flapping foil system to ease the load on the mooring lines thereby promoting the development of safer and cheaper solutions.