**Dr Robert Dorrell (Co-I)**

**Co-I Dr Robert Dorrell (RD)** (https://orcid.org/0000-0003-4257-7273) is Senior Research Fellow at the University of Hull (UoH), with a background in environmental fluid dynamics6,7. Expertise contributed includes resource modelling, forecasting, evaluation of wave energy resources and science policy. RD holds a current NERC Independent Research Fellowship (NE/S014535/1) and a Royal Society Apex Award (APX\R1\180148) on geophysical fluid dynamics. RD’s research has included: environmental risks to marine infrastructure (NE/P009190/1); fluvial microplastic fluxes, National Geographic (NGS-56269R-19); Coriolis and Rotational Effects on Stratified Turbulence (EuHIT 312778); and six joint industry projects, cumulatively worth >£2M. RD leads international research collaborations on marine hydrodynamics (RF-2018-16, JSPS 18KK0378, JSPS 18J22211). He is Deputy Director of the £5.8M EPSRC-NERC Centre for Doctoral Training in offshore wind energy and the environment (Aura CDT). He has >30 peer-reviewed papers and is the recipient of the Gerhard Jirka Award by the IAHR and the Humber Renewables Award for Renewable Education.