

**Curriculum Vitae**

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| **Name:** | Rodney Forster | | **Title:** | Professor |
| **Faculty / Institute:** | FOSE | **Dept/School:** | School of Environmental Sciences | |
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| **Degrees to include date, class and institution** | Ph.D, ‘The control of photosynthetic capacity in aquatic plants’, School of Biology, Queen’s University of Belfast, 1992  B Sc. Marine Biology, 1988, 2.1, University of Liverpool |
| **Publications** | [**https://orcid.org/0000-0001-6990-1673**](https://orcid.org/0000-0001-6990-1673)for full listing (56 peer-reviewed in international journals or book chapters).  H’ = 33 (Google Scholar) or 25 (Scopus)  (58) Monopile-induced turbulence and sediment redistribution form visible wakes in offshore wind farms LP Bailey, RM Dorrell, I Kostakis, D McKee, D Parsons, J Rees, J Strong, ...**Forster RM** Frontiers in Earth Science 12, 1383726  (57) Assessing the Welfare of Technicians during Transits to Offshore Wind Farms  TD Uzuegbunam, **R Forster**, T Williams Vibration 6 (2), 434-448  (56) L Mander, I Nicholson, RMW Green, SG Dodd, **RM Forster**, NHK Burton (2022) Individual, sexual and temporal variation in the winter home range sizes of GPS-tagged Eurasian Curlews *Numenius arquata* **Bird Study** 69 (1-2), 39-52  (55) Mander, L., Scapin, L., Thaxter, C. B., **Forster, R. M.**, & Burton, N. H. K. (2021). Long-Term Changes in the Abundance of Benthic Foraging Birds in a Restored Wetland. **Frontiers in Ecology and Evolution**, 9, 584. Frontiers Media S.A.  (54) Medina-Lopez, E., McMillan, D., Lazic, J., Hart, E., Zen, S., Angeloudis, A., Bannon, E….**Forster,R.M.**,……. et al. (2021). Satellite data for the offshore renewable energy sector: Synergies and innovation opportunities. **Remote Sensing of Environment**, 264, 112588  (53) Tapoglou, E., **Forster, R. M.,** Dorrell, R. M., & Parsons, D. (2021). Machine learning for satellite-based sea-state prediction in an offshore windfarm. **Ocean Engineering**, 235, 109280. Pergamon.  (52) Kromkamp, J. C., Morris, E., & **Forster, R. M.** (2020). Microscale Variability in Biomass and Photosynthetic Activity of Microphytobenthos During a Spring-Neap Tidal Cycle. **Frontiers in Marine Science**, 7. <https://www.frontiersin.org/article/10.3389/fmars.2020.00562/full> |
| **Research Students** | My first two PhD students at Hull have both successfully completed their thesis and PhD defence on schedule, and are now in employment in their sectors.   * Dr. Lucas Mander, estuarine ornithology, funded by a cluster studentship to the Business School, from 2018 to 2022. PhD viva defended with minor correction October 2022 * Dr Tobenna Uzuegbunam, accessibility of offshore wind and vessel motion, registration fees from Aura cluster, from 2018 to 2022. PhD viva defended December 2022.   This brings my total to 5 **completed PhD students,** under my supervision which are:  Dr Edd Morris, EU funded, completed 2004, University of Groningen; Dr Katy Owen, NERC funded, completed 2012, University of East Anglia; Dr. James Fox, NERC funded, completed 2016, University of Essex.  My pipeline of **current PhD students** as primary supervisor are:   * Mr Rick McCumskay, solar degradation of plastics in the marine environment, funded by Panorama DTP, from 2020-2023. Mr. McCumskay completed a Master’s by Research under my supervision in 2018, resulting in a publication. * Ms. Enora Lecordier, offshore wind and aquaculture, funded by an industrial studentship from Offshore Renewable Energy Catapult and Aura DTP, from 2022-2025. Co-supervisor in the University of Nantes. * Mr Ben Whitcombe, Aura CDT / offshore wind ecology, together with University of Newcastle. Currently advertised for applicants (March 2023).   I **co-supervise** three current PhD students:   * Ms. Charlie Trotman, blue carbon and managed re-alignment, University of Hull re-wilding cluster, from 2022 to 2025; * Mr. Matt Morgan, urban re-wilding, University of Hull re-wilding cluster, from 2022 to 2025; * Ms. Jasmine Scarlett; GTA, seaweed ecology, from 2023.   My **current Master’s by Research** students are:   * Mr Dan Hill, registration fees from The Fishmonger’s Society, subject - primary productivity of coastal waters, from February 2022 to April 2023 * Mr Aidan Jackson, registration fees from Yorkshire Wildlife Trust, subject - seagrass productivity, from February 2022 to April 2023.   I served as external examiner for the following PhD defences:   * 2017, November, University of Caen, PhD defence of Jeroen Morelle * 2018, February, University of Strathclyde, PhD defence of Derek Connor * 2018, June, University of Oxford, PhD defence of Kieran Curran * 2019, July, Queen’s University of Belfast, PhD defence of Rachel Millar * 2022, July, University of Caen, PhD defence of Leon Serre * 2023, October, Ifremer, PhD defence of Coline Poppeschi   At Hull I have been the internal examiner for the PhD vivas of Dr Danny Cowing, Dr James Wood and Dr Daryl Burdon. |