

Energyscapes Working Group at MASTS ASM

20 Nov 2025, Conference Room 4/5

- 10–10:45 Introductions
*If you aren't speaking later, you are welcome to give a **2-slide/2-minute introduction**: email slides to neil.banas@strath.ac.uk in advance please.*
- Ruedi Nager, The “energyscapes” concept in ecology
Neil Banas, Overview of working group activities to date
- 10:45–11:15 Coffee break
- 11:15–12:15 *Speakers, please aim for **8 minutes max** in order to leave time for discussion.*
Georgina Hunt, “Linking oceanographic fronts and pelagic fish habitat use to identify ecologically important regions in the North Sea”
Liam Langley, “Frontline: Understanding Impacts of FLOW on Celtic Sea fronts and Biodiversity”
Phil Bouchet, “Novel tools for quantifying interactions between seabirds and their fish prey at the patch scale”
Katherine Whyte, “Movement modelling of top predators to understand predator-prey interactions at multiple scales”
Morgane Declerck, “A Bayesian framework for assessing fine-scale seabird habitat use for a holistic ecosystem-based cumulative effect assessment”
- 12:15–1:15 Lunch
- 1:15–1:45 Theoni Photopoulou, “Describing deep prey fields and links with marine mammal diving behaviour”
Neil Banas, “Zooplankton and kittiwakes in the winter North Atlantic: Mechanisms shaping a basin-wide migration”
- 1:45–2:15 Parallel discussions
- Shelf seas, offshore wind, and the demand for “fast science” (Beth Scott)
 - Marine mammals and polar oceans (Laura Hobbs)
 - Planktivorous fish: the missing link (Emma Tyldesley)
- 2:15–3:30 Reports on parallel discussions
Group discussion: Next steps and new activities
- Data residency topics
 - Online journal club and international networking
 - Reaching out to mathematical modellers
 - Public engagement and art-science collaborations
- 3:30– Farewell and coffee