Activities and outputs – MARINE ENVIRONMENTAL RESEARCH

Current and recent projects

AIS signal tracking to quantify annual greenhouse gas emissions associated with shipping operations. Client: Lyttelton Port Company

Ecological engineering to enhance marine biodiversity and ecosystem services on port infrastructure. Client: Lyttelton Port Company

Decommissioning of the bioWAVE power generation unit, Victoria. Client: Shelf Subsea Australia Pty. Ltd.

Recent technical outputs

Floerl O. (2024). AIS signal tracking to quantify annual greenhouse gas emissions associated with regional shipping operations. Dataset and spatial model. Prepared for Lyttelton Port Company, Christchurch.

Floerl O. (2024). Environmental considerations around partial decommissioning of the bioWAVE power generation unit. Report prepared for Shelf Subsea Australia Pty. Ltd., Perth.

Recent science publications

Bloecher N, Broch OJ, Davies EJ, Pedersen MO and Floerl O (2024). Catch my drift? Between-farm dispersal of biofouling waste from salmon pen net cleaning: Potential risks for fish health. Science of the Total Environment, 928, p.172464.

Bloecher N, Østevik L, Floerl O, Sivertsgård R, Aas M, Kvaestad B, Ribičić D and Netzer R (2024). Evaluation of novel PCR-based method to assess gill injuries in fish caused by the cnidarian Ectopleura larynx. Aquaculture International, pp.1-15.