

Ref	Study Type	Species	Life Stage
14	Literature Review	Recreationally Fished Species	Multiple
16	Literature Review	EMF-Susceptible Marine Organisms	Multiple
17	Literature Review	Multiple Marine Taxa	Multiple
18	Field Study	Bottlenose Dolphins	Multiple
19	Laboratory Experiment	Chinook Salmon	Juvenile
20	Laboratory Experiment	Hybrid Striped Bass	N/A
21	Literature Review	Marine Invertebrates	Multiple
22	Longitudinal Field Study	Cetaceans	Multiple
25	Field Study; Literature Review	N/A	N/A
26	Literature Review	N/A	N/A
27	Laboratory Experiment	<i>C. volutator</i> ; <i>A. marina</i> ; <i>L. balthica</i>	Multiple
28	Literature Review	Aquatic Invertebrates	Multiple
29	Laboratory Experiment	Sea Slug	N/A
30	Laboratory Experiment	Pacific Oyster	18 Months Old
31	Computational Modelling Study	N/A	N/A
33	Field Experiment	Bottom-Dwelling Marine Species	Adults
34	Laboratory Experiment	Rainbow Trout; Baltic Clam; Common Ragworm	Larval; Adult; Adult
35	Longitudinal Field Study	Macrobenthic Communities	Multiple
36	Longitudinal Field Study	Macrobenthic Fauna	Multiple
37	Field Study	Macrobenthic Communities	Multiple
38	Field Study	N/A	N/A
39	Laboratory Experiment	<i>Lanice conchilega</i>	N/A
40	Literature Review	Multiple Marine Taxa	Multiple
41	Mixed-Methods Field Study	Commercial Fish and Shellfish Species	Multiple
42	Computational Modelling Study	N/A	N/A
43	Computational Modelling Study	Blue Mussel	Multiple
44	Literature Review	Non-Indigenous Marine Invertebrates	Multiple
47	Literature Review	Multiple Marine Taxa	Multiple
49	Literature Review	N/A	N/A
50	Literature Review	N/A	N/A
52	Literature Review; Computational Modelling Study	Multiple Marine Taxa	Multiple
53	Computational Modelling Study	N/A	N/A
54	Literature Review	N/A	N/A
55	Field Experiment	Commercial Fish and Shellfish Species	Multiple
56	Laboratory Experiment	N/A	N/A
57	Laboratory Experiment	<i>Lophelia pertusa</i>	N/A
59	Literature Review	Multiple Marine Taxa	Multiple

Ref	Exposure Source	Setting	Sample Size
14	EMFs; Sound; Trawling; Artificial Reefs	OWFs	Literature Review
16	EMFs	OWFs	Literature Review
17	Sound; EMFs; Artificial Reefs	OWFs	Literature Review
18	Sound	Moray Firth, NE Scotland; OWF	2 Wind Turbines
19	Sound	Laboratory	N/A
20	Sound	Laboratory	N/A
21	Sound	Shipping Noise; Seismic Survey	472 Data Points From 25 Studies; Literature Review
22	Construction Sounds	Blyth, Northumberland, United Kingdom; OWFs	9 Monitoring Sites
25	Sound	Land Based Wind Turbines	48 Wind Turbines; Literature Review
26	Sound	OWFs	46 Measurements From 13 Wind Farms; Literature Review
27	Sound	Laboratory	5 Replicate Core Pairs; 200 C. volutator, 5 A. marina, or 35 L. balthica Per Core
28	Sound	Various Creators of Sound	835 Data Points From 46 Studies; Literature Review
29	Sound	Laboratory	N/A
30	Sound	Laboratory	32 Oysters
31	EMFs	Buried Subsea Cables	N/A
33	EMFs	Above EMF Cable	39 Skates; 65 Lobsters
34	EMFs	Simulated Submarine AC Cable's EMF	Not Reported in Accessible Text
35	Sediment Disturbance	Belgian North Sea; OWF	6 Gravity-Based Foundations
36	Sediment Disturbance	Rhode Island, USA; OWF	3 Turbines
37	Sediment Disturbance	Southern North Sea; Commercial Dredging Site	Not Reported in Accessible Text
38	Sediment Disturbance	North East Atlantic; Subsea Cables	N/A
39	Sediment Disturbance	Laboratory	Three Chambers Per Day
40	Artificial Reefs; Trawling	OWFs	14 Case Studies; 319 Species-Level Responses; 124 Species; Literature Review
41	Trawling	Eastern Irish Sea; OWFs	6 OWFs; 31 Fisherman Interviewed
42	Artificial Reefs	3D Artificial Reef Models	20 Artificial Reef Designs
43	Artificial Reefs	Nysted, Denmark; OWF	Not Reported in Accessible Text
44	Artificial reefs	OWFs	25 Documents; Literature Review
47	Artificial Reefs	Coral Reefs and Artificial Reefs	Literature Review
49	Floating Turbine Design	Floating OWFs	Literature Review
50	EMFs	Wind Turbines	Literature Review
52	EMFs	Undersea Power Cables	24 Undersea Cable Projects; Literature Review
53	Sediment Disturbance	North Sea; OWFs	N/A
54	Sediment Disturbance	Onshore Turbines; Fixed-Bottom, and Floating Offshore Turbines	Literature Review
55	Trawling	Hywind OWF in Scotland	4 Fishing Areas
56	Artificial Reefs	Laboratory	8 Tests
57	Artificial Reefs	Laboratory	Not Reported in Accessible Text
59	Artificial Reefs	OWFs	Literature Review

Ref	Control	Measured outcome	Evidence Provenance
14	N/A	Ways to Prevent Problems Between Fisheries and OWFs	Published Literature; Direct OWF Evidence
16	N/A	Impacts of EMFs on Marine Invertebrates	Published Literature; Direct OWF Evidence
17	N/A	Impacts of OWFs on the Marine Environment	Published Literature; Direct OWF Evidence
18	Background Noise	Pile Driving Noise Values; Potential Effects on Dolphins	Primary Field Data; Direct OWF Evidence
19	Unexposed Fish	Impacts of Noise on Fish	Primary Experimental Data
20	Unexposed Fish	Impacts of Noise on Fish	Primary Experimental Data
21	N/A	Impacts of Noise on Marine Invertebrates	Published Literature's Data; Other Marine-Industry Analog
22	Activity Before Construction	Impacts of Noise on Cetaceans	Primary Field Data; Direct OWF Evidence
25	N/A	Noise Impact Assessment of Wind Turbines	Primary Field Data; Published Literature's Data; Terrestrial Wind Turbines
26	N/A	Noise Impact Assessment of OWFs	Published Literature's Data; Direct OWF Evidence
27	Noiseless Setup	Impacts of Noise on Marine Benthic Invertebrates	Primary Experimental Data
28	N/A	Impacts of Marine and Freshwater Noise on Aquatic Invertebrates	Published Literature's Data; Other Marine-Industry Analog
29	Noiseless Setup	Impacts of Noise on Righting Behavior and Central Nervous System of Sea Slugs	Primary Experimental Data
30	Noiseless Setup	Impacts of Noise on Oysters and Their Closing Mechanisms	Primary Experimental Data
31	N/A	Impacts on EMF Strength from Various Configurations	Data Modelling
33	Setup Without EMF Cable	Impacts of EMFs on Marine Lobsters and Skates	Primary Experimental Data; Subsea-Cable Evidence
34	Non-EMF Exposed Setup	Impacts of EMFs on Rainbow Trout, Baltic Clam, and Common Ragworm	Primary Experimental Data; Subsea-Cable Evidence
35	Pre-Construction Conditions	Impacts of Sediment Disruption from OWFs on Benthic Ecosystems	Primary Field Data; Direct OWF Evidence
36	Pre-Construction Conditions	Impacts of Sediment Disruption from OWFs on Benthic Fauna	Primary Field Data; Direct OWF Evidence
37	Pre-Dredging Conditions	Impacts of Sediment Disruption From Dredging on Benthic Fauna	Primary Field Data
38	N/A	Sediment Disruption Area of Subsea Cables	Primary Field Data
39	No Additional Suspended Sediment	Impacts of Sediment Disruption from Dredging on a Species of Invertebrate	Primary Experimental Data
40	Nearby Areas Without OWFs	Impacts of OWF Trawling Laws and Artificial Reefs on Various Fauna	Published Literature's Data; Direct OWF Evidence

Ref	Control	Measured outcome	Evidence Provenance
41	Pre-Construction Conditions; 3 Control Fishermen Outside of OWF Locations	Impacts of OWFs on Commercially Fished Species	Primary Survey Data; Secondary Fisheries Data; Direct OWF Evidence
42	N/A	Methods of Creating Artificial Reefs to Benefit Marine Ecosystems	Data Modelling
43	Mussels on Scour Protection	Impacts of Offshore Turbine Construction on Blue Mussel Biomass	Data Modelling; Direct OWF Evidence
44	N/A	Impacts of Offshore Turbine Construction on Non-Indigenous Species Colonization/Biomass	Published Literature; Direct OWF Evidence
47	N/A	Ecological and Economic Impacts of Artificial Reefs	Published Literature
49	N/A	Design of Floating OWFs	Published Literature; Direct OWF Evidence
50	N/A	Ways to Mitigate EMF Impacts of Wind Turbines	Published Literature; Direct Wind Turbine Evidence
52	N/A	Ways to Mitigate EMF Impacts of Undersea Cables	Data Modelling; Published Literature; Direct OWF Evidence
53	N/A	Impacts of Floating OWFs Compared to Fixed-Bottom OWFs on Sediment Disruption	Data Modelling; Direct OWF Evidence
54	N/A	Environmental Impacts of Floating Compared to Fixed-Bottom Offshore OWFs Compared to Onshore Turbines	Published Literature; Direct OWF Evidence
55	Fishing Area Around OWF	Impacts of OWF Trawling Laws on Commercially Fished Species	Primary Experimental Data; Direct OWF Evidence
56	N/A	Methods of Creating Artificial Reefs to Benefit Marine Ecosystems	Primary Experimental Data
57	No Applied Current	Impacts of Creating Artificial Reefs Through Mineral Accretion On an Invertebrate Species	Primary Experimental Data
59	N/A	Impacts of Creating Artificial Reefs on Ecosystem Balance and Function	Published Literature's Data; Direct OWF Evidence