

Islenskar Orkurannsóknir (ISOR)

Decision support systems (DSS) for offshore windfarm siting

ISOR does not utilise DSSs in relation to offshore windfarm siting. A national collaboration seeks to make the first general assessment of feasibility of offshore wind farming. GIS is the primary tool applied, and it is used for overlay analysis of multiple data sources. The outputs include parameter specific maps, and risk tables for a nationwide overview.

Input parameters mentioned in the figure may comprise multiple sub-parameters. For more information on the input parameters see Larsen et al. (2025; Table 3, p 27).

Further readings:

Larsen, I. R., Ernstsen, V. B., Maspataud, A., Dakin, N., van Heteren, S., Koutroulli, A., Poyiadji, E. & the GSEU T5.4 Consortium (2025). EGDl multifunctional 2D/3D decision-support module v1. GSEU Report on Deliverable 5.7, 165 pp.

