

Ascophyllum nodosum

Rockweed

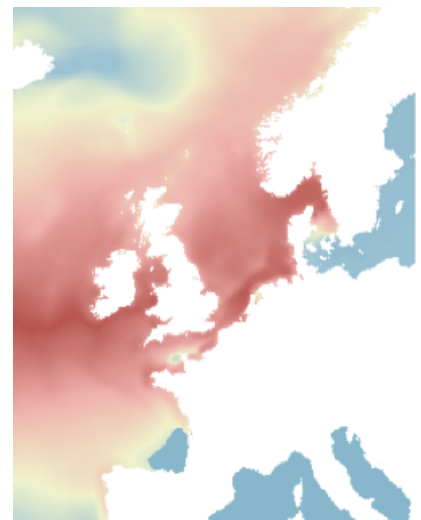
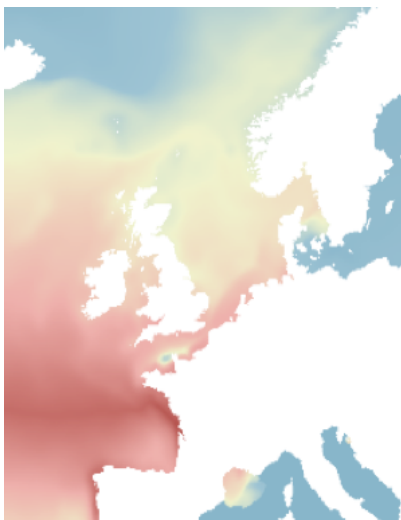


Distribution	North Atlantic
Habitat	Sheltered & rocky areas
Depth range	Intertidal zone
Seasonality	Summer
Use	Alginic acid for food and biotech industry, fertilizer
Cultivation & harvesting	Harvest from hard structures with a knife, from a boat with mechanical cutter, rake...

 [Geographical distribution on OBIS Mapper](#)

 [WoRMS page](#)

Habitat suitability maps for *A. nodosum*: optimal habitat is colored red and poor habitat is colored blue. From left to right: map created with environmental variables (temperature, heat, salinity, turbidity, irradiance, nitrate), map created with environmental variables, depth and marine spatial planning, map created with impact of climate change on the habitat suitability (2100, RCP 8.5) (Westmeijer et al., 2019)



References & links

MSC Harvester information. Retrieved from <https://www.seaweedcouncil.org/msc-harvester-information/>

Westmeijer, G., Everaert, G., Pirlet, H., De Clerck, O., & Vandegheuchte, M. B. (2019). Mechanistic niche modelling to identify favorable growth sites of temperate macroalgae. *Algal Research*, 41(May 2018), 101529. <https://doi.org/10.1016/j.algal.2019.101529>

[R Obis package](#) to explore occurrence data

[Sdmpredictor package](#) to create SDM maps