

## Aberystwyth University

### *The value of ecosystem services in global marine kelp forests*

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## **Description of Additional Supplementary Files:**

**Supplementary Datasets 1-14:** Datasets and values used to calculate the values presented in the study.

**Supplementary Data 1:** Nutrient content and NPP measurements

**Supplementary Data 2:** Site level fisheries values

**Supplementary Data 3:** Sensitivity analysis for different fisheries extraction rates and the resulting economic value per hectare per year

**Supplementary Data 4:** Projected carbon capture potential of kelp genera

**Supplementary Data 5:** Kelp distribution data

**Supplementary Data 6:** Classifications for genera dependency on kelp forest habitat

**Supplementary Data 7:** Sensitivity analysis for carbon sequestration

**Supplementary Data 8:** Search terms

**Supplementary Data 9:** Biodiversity Surveys

**Supplementary Data 10:** Weight-length coefficients and weights of species

**Supplementary Data 11:** Fisheries cost data

**Supplementary Data 12:** Cost of capital by country

**Supplementary Data 13:** Discount rates used for adjusting different processing and risk factors associated with market prices

**Supplementary Data 14:** Costs of nutrient schemes