

Economic, social and environmental impact assessment of MSP for UK marine-related industries

Topic: Input-Output Analysis: Sustainable Production and Consumption Policies - II

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Marine spatial planning (MSP) is a process of coordinating the use of marine resources in an attempt to achieve economic, social, and environmental objectives. This is an extremely challenging goal, and the benefits of MSPs are contested. In this seminar, we develop a marine input-output model for the United Kingdom. We use this model to explore relationships between greenhouse emissions, employment and gross value added in marine-related sectors and other industries. Based on our results, we identify three clusters of marine-related sectors, each characterised by a different relationship between environmental and socio-economic goals. Analysing the clusters could allow marine spatial planners to understand better how their policies will impact communities and the broader environment and prioritise accordingly.