

Tutorial: Socio-economic scenarios implementation in bio-economic models

The tutorial is freely available at the SEAwise Github page of Task 2.2 under https://github.com/ices-tools-dev/SEAwise_T2.2, while the development version is maintained at <https://coispa.github.io/Socio-economic-scenario-SEAwise---quarto/>.

The tutorial is divided in three sections, describing three examples of implementation of socio-economic scenarios in FLBEIA and BEMTOOL bio-economic model:

- Example 1: dummy dataset, embedded in the FLBEIA package;
- Example 2: North Sea case study dataset;
- Example 3: Adriatic and western Ionian Sea dataset.

The first example can be run using the script *Implement_CERES_fuel_fish_prices_in_FLBEIA.r* developed by Viky Sgardeli (HCMR) and available in https://github.com/ices-tools-dev/SEAwise_T2.2; the second example refers to scripts *01_prepare_projCosts.r* and *02_Add_Economic_data_to_FLBEIA_simulations.r* developed by Bernhard Kuehn (Thuenen) and available in https://github.com/ices-tools-dev/SEAwise_T2.2. For example 3 the code is embedded in the tutorial.