Lund, 2020-03-12

ClimBEco- Workshop 4

Introduction

In this session we are going to estimate national budgets by applying country masks on modelling results. You will use modelling results with different spatial resolutions together with country masks of different resolution and/or country coverage (i.e. incl. Exclusive Economic Zones (EEZ) or not including EEZ).

In the notebook (exercise4.ipynb) the following datasets will be used:
- anthropogenic emissions (in 0.1° and 0.5° resolution)
- biospheric fluxes (in 0.1° resolution)
- country masks (in 0.1° and 0.5° resolution and with or without EEZ)

At the end the total carbon budget (biospheric fluxes + anthropogenic emissions) will be computed for different countries.

Think about the questions at the end of the notebook.

Notebooks
- exercise4.ipynb
- tools.ipynb --- > includes ready functions (used in all notebooks)