

change pressure. The results are presented spatially on maps representing the extent of wetlands in Romania, overlapping with the values of the climatic indicators that were analyzed (temperature and precipitations), for detecting changes in their regime.

The main conclusions that can be drawn from the present study are:

-The presented climatic indicators correspond to the set of indicators recommended by MAES framework, specifically as climate change pressures: extreme values of temperature and precipitations

-The values of climatic indicators are represented on maps and analyzed as climate change pressures related to the location of wetlands in Romania

-The presented indicators of pressures can be used to assess the changes in condition of ecosystems, by analyzing the sets of indicators recommended by MAES framework (e.g. water quantity, vegetation, etc). Following the DPSIR framework the impact of pressures on the ecosystem services can be assessed by the use of specific indicators

-The validation at local level of indicators recommended by MAES is in progress for one case study in Romania: Divici-Pojejena wetland, located in the southwestern part of the country.

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