LAND USE CHANGE SCENARIOS FOR BLACK SEA CATCHMENT

OBJECTIVES
- To create spatially explicit scenarios on:
  - Demographic Changes
  - Climate Changes
  - Land Cover Changes
- To integrate the three scenarios outputs

Scenarios are neither prediction nor forecast, but a plausible description on how the future may develop, based on a coherent and internally consistent set of assumptions about key relationship and driving forces (IPCC-SRES, Nakicenovic et al., 2000).

REGIONAL GUIDELINES AND INPUT DATA

ENVIROGRIDS STORILINES

RESULTS IN DETAIL

METHODOLOGY

RESULTS

The dataset consists in a set of GIS maps representing the LU for the total area of the Black Sea Catchment for the years 2020 and 2050 per each scenario (HOT, ALONE, COOP, COOL). This revision: All data, metadata, and code excerpts (RATS, WRS, and WFS) can be freely accessed through ENVIROGRIDS GeoPortal at http://www.envirogrids.net.

REFERENCES

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