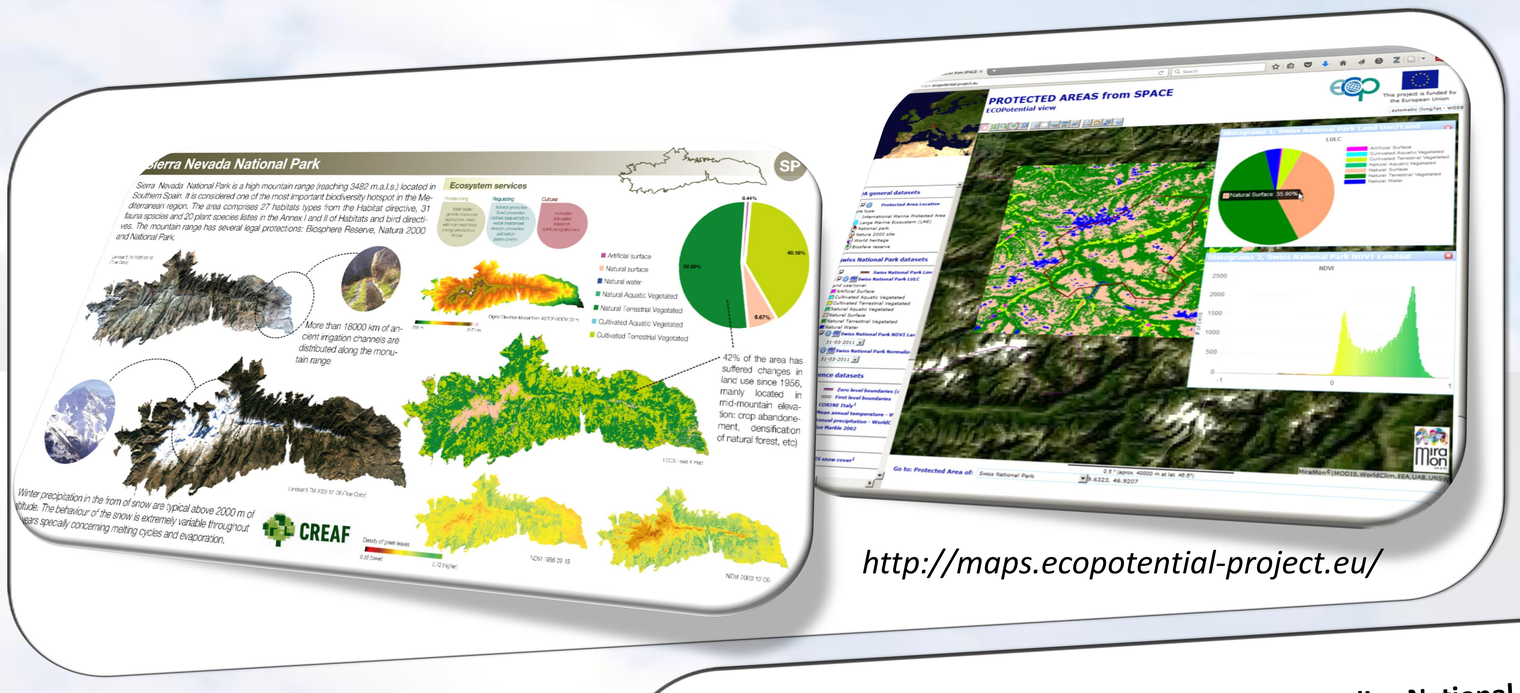
Made in ECOPOTENTIAL

Funded by the EU under grant No. 641762

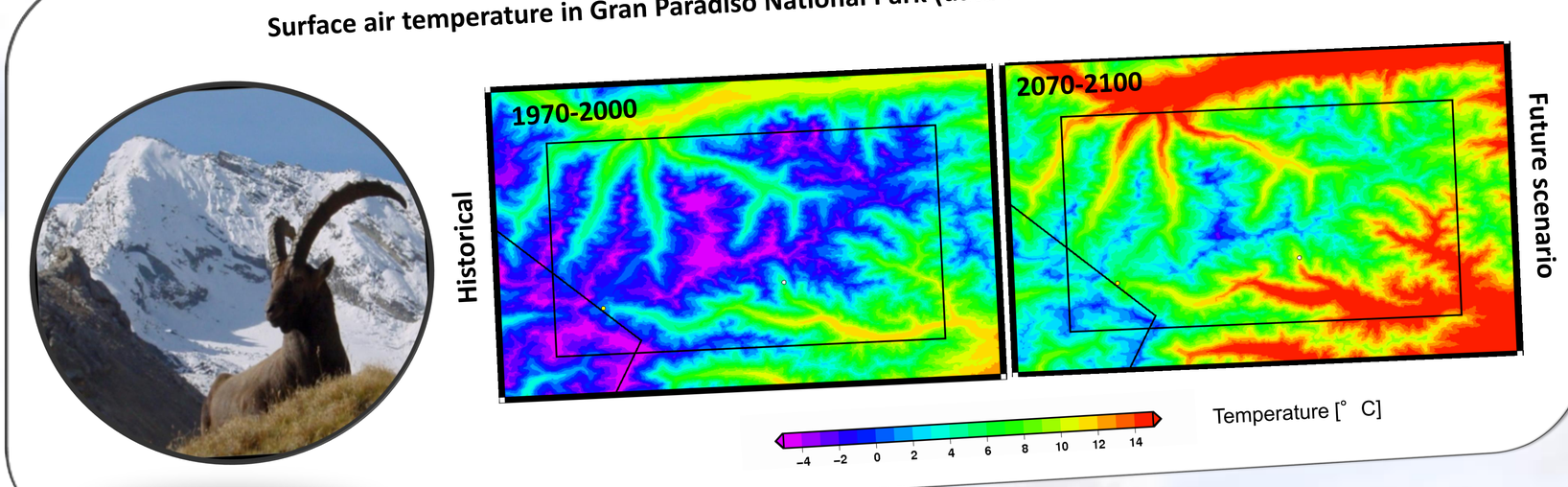


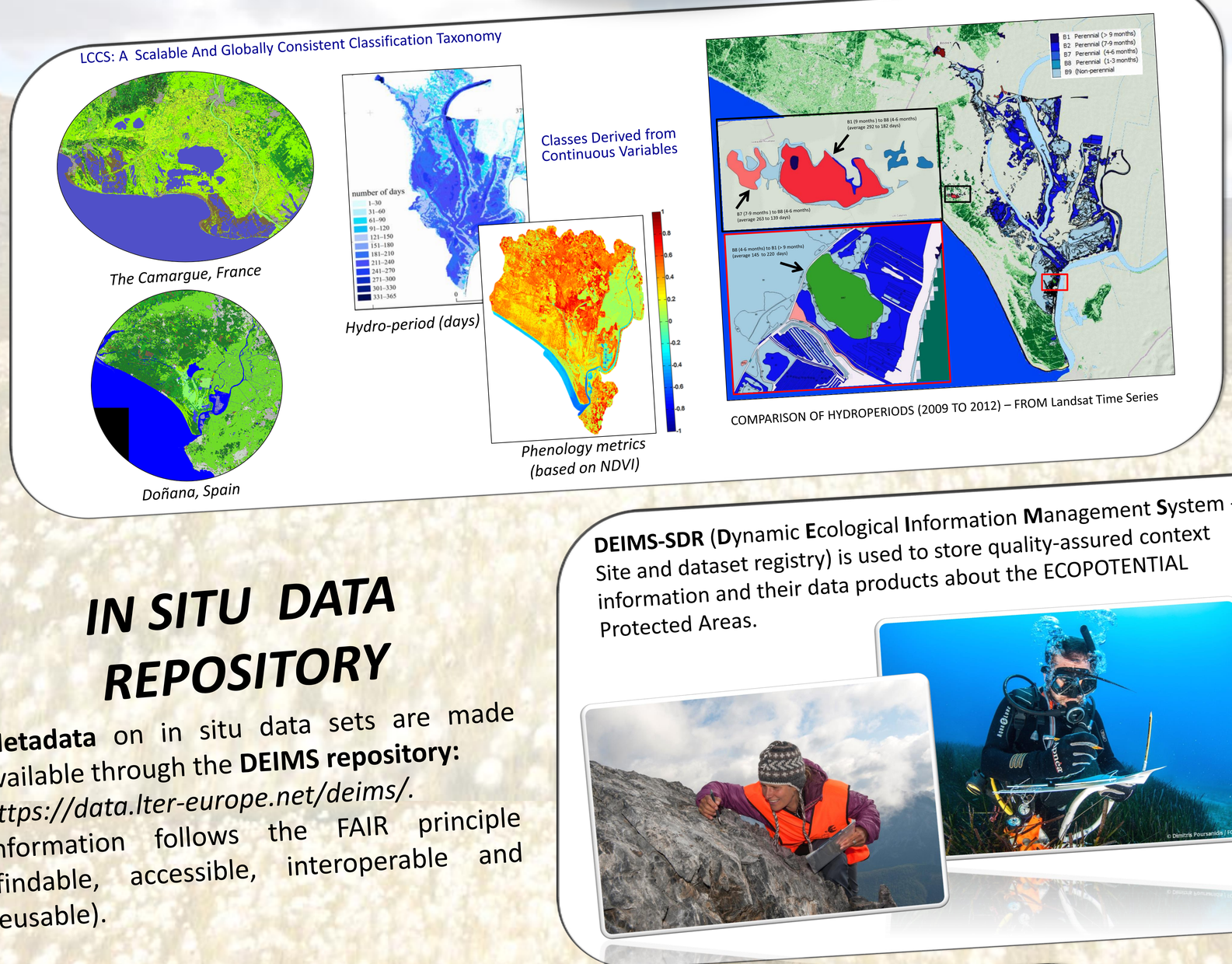
PROTECTED AREAS FROM SPACE

The **Web Map Service** provides **visualization of the Earth Observation data** of Protected Areas. This service is compliant with the **Open Geospatial Consortium** standards and allows visual analysis. Information about Pas and on-the-fly histograms generated for single or multiple overlaying layers are available.

CLIMATE FUTURE PROJECTIONS

Ecopotential is estimating the **drivers of change** for the next decades and the **effects on ecosystems** and **ecosystem services.**





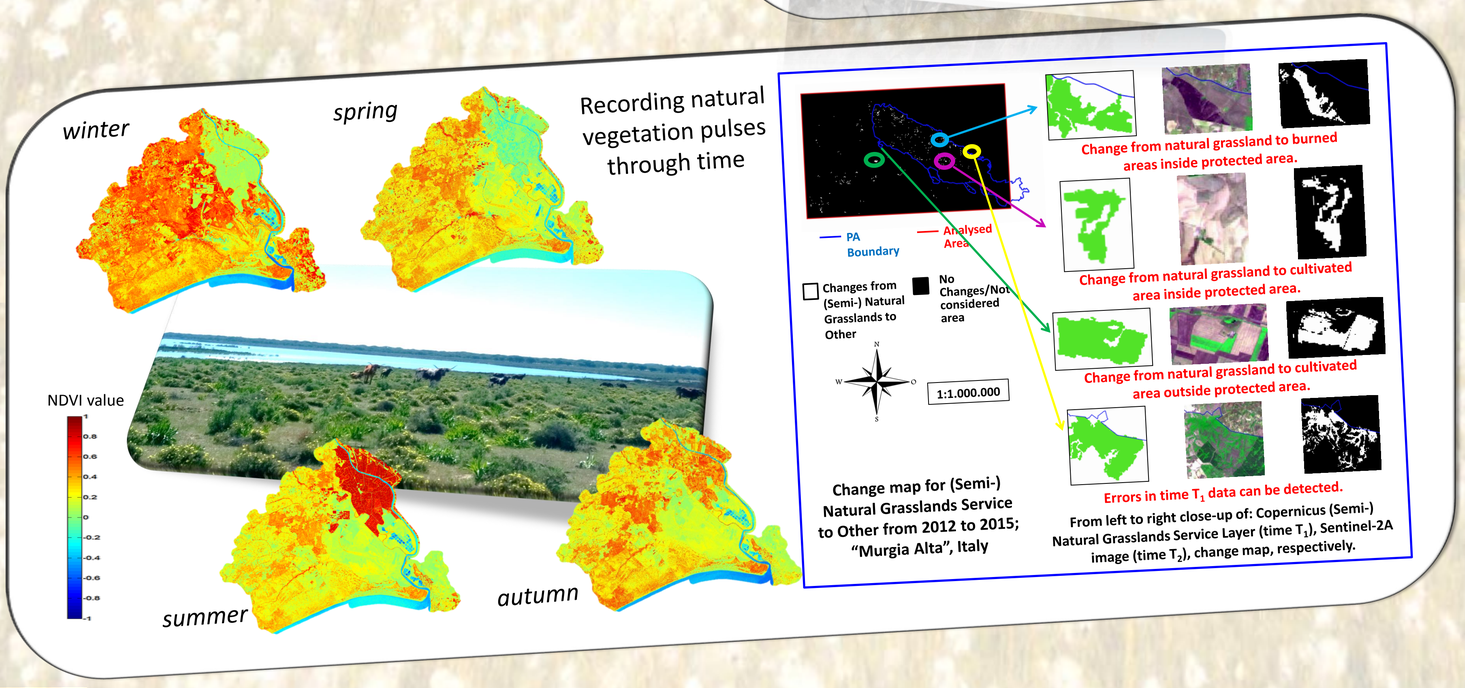
EODESM

Earth Observation Data for Ecosystem Monitoring (EOSESM) is a tool for **classifying land cover** from Earth Observation data according to the FAO Land Cover Classification System.

IN SITU DATA REPOSITORY

Metadata on in situ data sets are made available through the **DEIMS repository:** *https://data.lter-europe.net/deims/*. Information follows the FAIR principle (findable, accessible, interoperable and reusable).

DEIMS-SDR (**D**ynamic **E**cological **I**nformation **M**anagement **S**ystem - Site and dataset registry) is used to store quality-assured context information and their data products about the ECOPOTENTIAL Protected Areas.



CHANGES IN PROTECTED AREAS

ECOPOTENTIAL aims at estimating changes in drivers and characteristics of the Project's protected areas using In Situ and Remote Sensing data sets. Different sets of the most relevant variables for each kind of ecosystem will allow the quantification of the ongoing changes in the most prominent ecological characteristics and the estimation of future changes.

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