



ECOPOTENTIAL: Improving future ecosystem benefits through Earth Observations

47 partners, period: 2015-2019

Coordination: CNR (Antonello Provenzale)

Co-coordination: University of Bayreuth (Carl Beierkuhnlein)

**Project management and communication:
CNR (Carmela Marangi and Silvia Giamberini)**

www.ecopotential-project.eu



This project has received funding from the *European Union's Horizon 2020 research and innovation programme* under grant agreement No 641762

Science-Policy Briefing
Brussels 27 September 2018



***Protected Areas of Europe
are the “family jewels” that host
treasures of biodiversity
and precious ecosystems***

***But natural ecosystems are subject
to several anthropic pressures:
climate change, land-use change,
invasive species, pollution,
over-exploitation of resources, ...***





A multi-component approach to nature conservation and management in times of rapid change

Scientists:
monitoring,
modelling and
prediction,
identification of
possible actions

Nature managers:
identification of
practical needs and
implementation
of concrete actions

Policy makers:
Identification and
implementation of
strategies at local
and European level

Citizens





***ECOPOTENTIAL in a nutshell:
Make best use of Earth Observations
to characterize the state and changes
of ecosystems and improve
management and conservation
in Protected Areas and beyond***





Keyword of the project:
Integration





Integration between Remote Sensing and field measurements adopting a multidisciplinary approach



This project has received funding from the *European Union's Horizon 2020 research and innovation programme* under grant agreement No 641762



**Integration between
different programmes and initiatives:
GEO ECO, GEO GNOME, GEO BON,
EuroGEOSS, eLTER RI, LifeWatch ERIC**



This project has received funding from the *European Union's Horizon 2020 research and innovation programme* under grant agreement No 641762

Science-Policy Briefing
Brussels 27 September 2018



Integration of scientists interests and PA staff needs





Integration of nature conservation needs, sustainable development and policy making



This project has received funding from the *European Union's Horizon 2020 research and innovation programme* under grant agreement No 641762

Science-Policy Briefing
Brussels 27 September 2018



ECOPOTENTIAL



This project is funded by the European Union

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 641762. Copyright by Ecopotential Consortium.

Working in partnership with Protected Areas in Europe and beyond



This project has received funding from the *European Union's Horizon 2020 research and innovation programme* under grant agreement No 641762

Science-Policy Briefing
Brussels 27 September 2018