







Terrestrial Habitat connectivity in Catalonia: implications for forest management

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AD4GD

Policy context

The European Green Deal. Accessible and interoperable data are at the heart of data-driven innovation. This data, combined with digital infrastructure and artificial intelligence solutions, facilitate evidence-based decisions and expand the capacity to understand and tackle environmental challenges.

Data Spaces are intended to become the EC comprehensive solution to integrate data from different sources with the aim to generate and provide a more ready to use knowledge on climate change, circular economy, pollution, biodiversity, and deforestation.

EU biodiversity

2030

metropolitan area

ICT dynamics,

2002-2023

-1

All Data 4 Green Deal is an EC funded project with the aim to:

Do research on the co-creation of the European Green Deal

Data Space as an open space for FAIR data and standardsbased services structured in 3 pilot cases providing testbeds in
terms of data, standards, sharing and interoperability to support
the key priorities of pollution, biodiversity and climate change.

The pilot on biodiversity is about Terrestrial Connectivity.

Legally protect at least 30% of the EU's land area.

- Strictly protect at least a third of the EU's protected areas representing 10% of the EU land including all remaining primary and old-growth forests as well as other carbon rich ecosystems.
- Create and integrate ecological corridors as part of a Trans
 European Nature Network to prevent genetic isolation, allow for species migration and to maintain and enhance healthy ecosystems.
- Effectively manage all protected areas, defining clear conservation objectives and measures, and monitoring them appropriately.



FINANCING

GREEN

MAKING

HOMES ENERGY

EFFICIENT

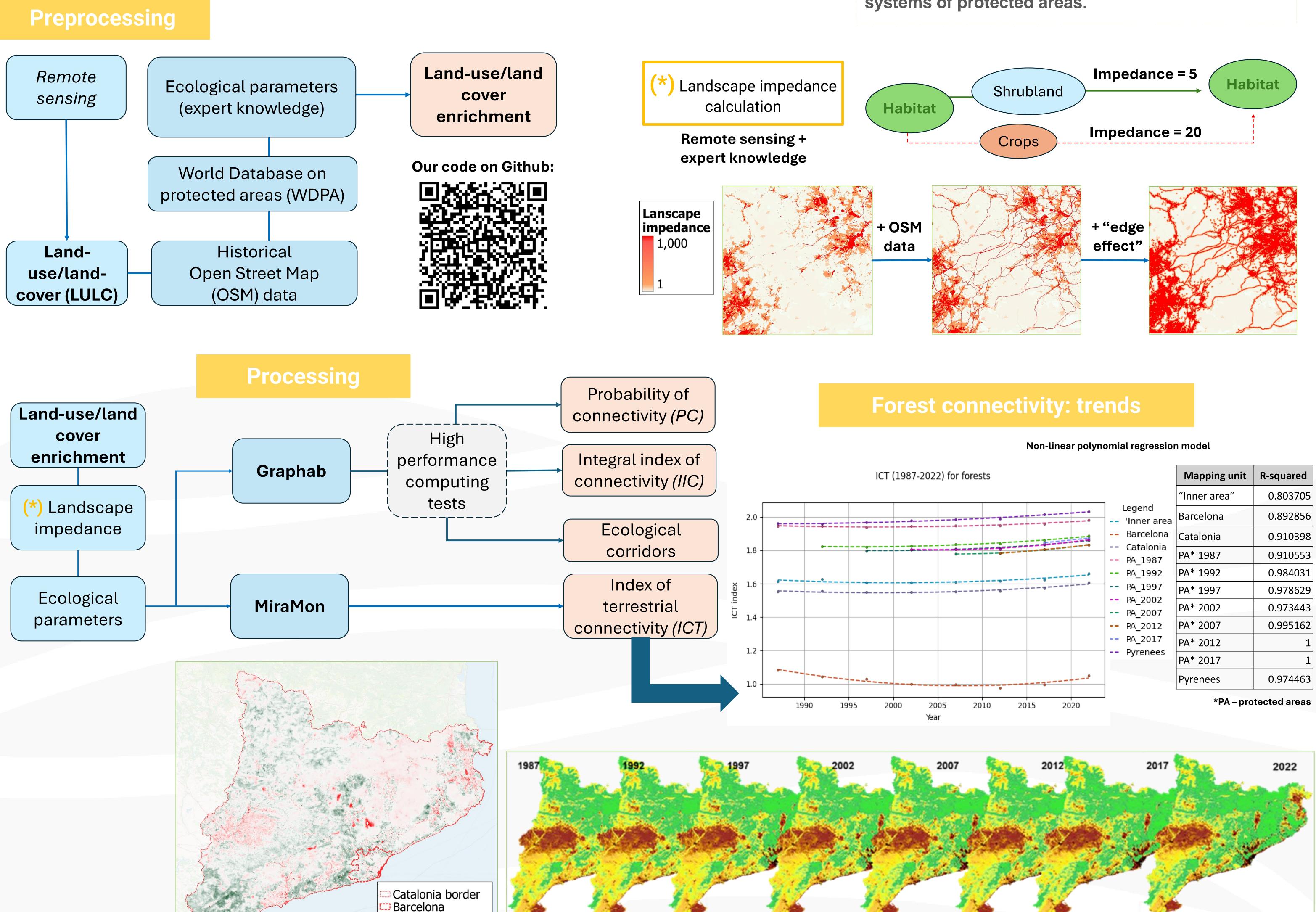
Convention on Biological Diversity

Goal A. The integrity of all ecosystems is enhanced, with an increase of at least 15% in the area, connectivity and integrity of natural ecosystems.

 Milestone A.1. Net gain in the area, connectivity and integrity of natural systems of at least 5%.

Target 2. Ensure that at least 20% of degraded terrestrial ecosystems are under restoration, ensuring **connectivity** and focusing on priority ecosystems.

Target 3. Ensure that at least 30% of land areas, especially areas of particular importance are conserved, ecologically representative and well-connected systems of protected areas.



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