

Alliance meeting (2023-05-02)



Jeffrey Hanson

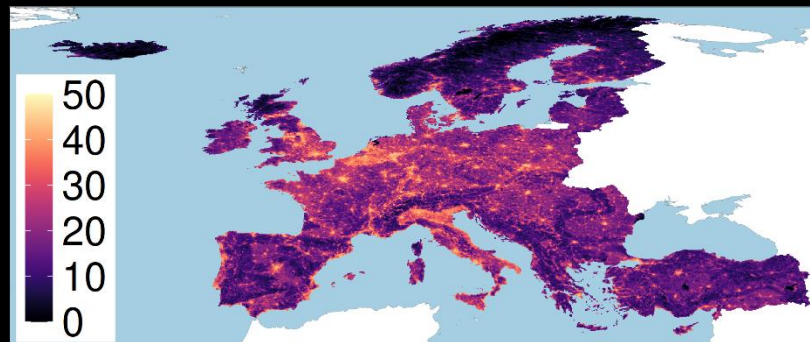


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European case study

- 415 species: 81 amphibian, 135 birds, 79 mammal, 120 reptile species
- 165,000+ planning units (grid cells)
- World database on protected areas
- Conservation benefit for a species = amount of threat-free habitat in conservation areas

Human pressure

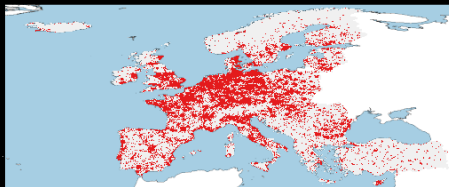


Threats to biodiversity

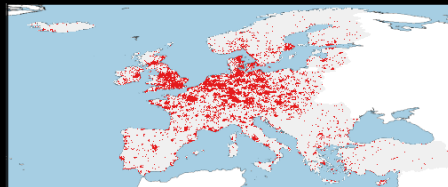
1.1: Housing & urban areas



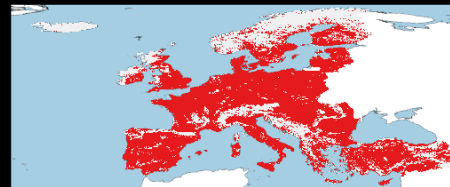
1.2: Commercial & industrial areas



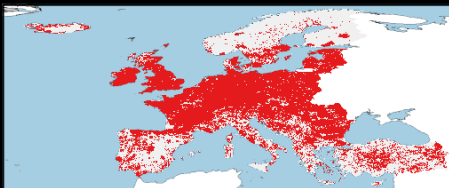
1.3: Tourism & recreation areas



2.1: Annual & perennial non-timber crops



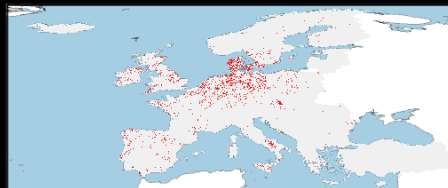
2.3: Livestock farming & ranching



3.2: Mining & quarrying



3.3: Renewable energy



4.1: Roads & railroads



5.1: Hunting & collecting terrestrial animals



5.2: Gathering terrestrial plants

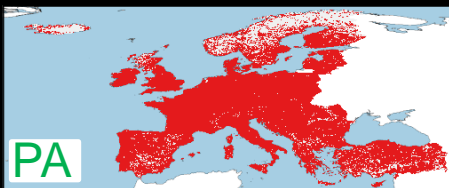


9.4: Garbage & solid waste

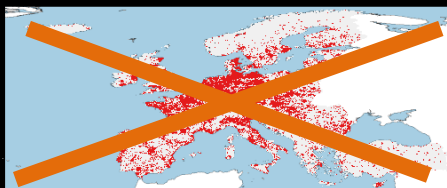


Managing threats to biodiversity

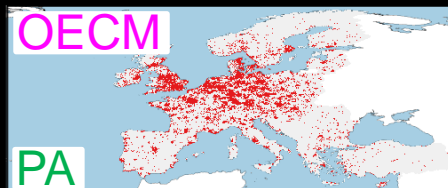
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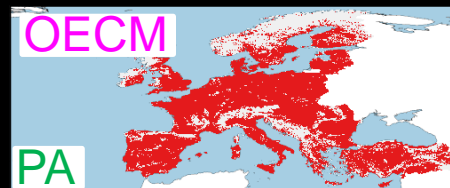
1.2: Commercial & industrial areas



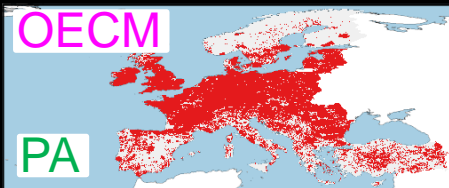
1.3: Tourism & recreation areas



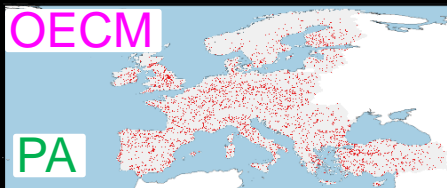
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2.3: Livestock farming & ranching



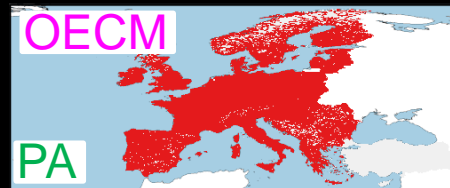
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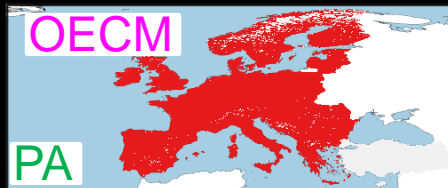
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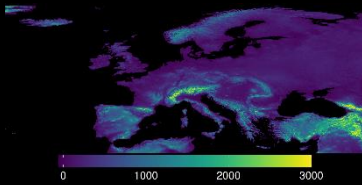


 present
 absent

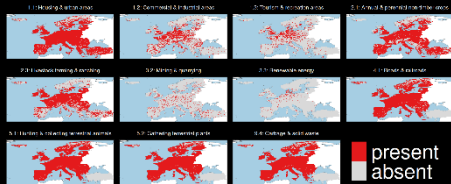
Mapping consequences

Species

Elevation

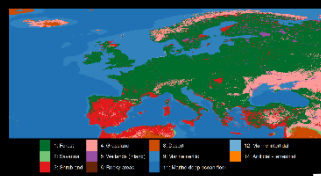
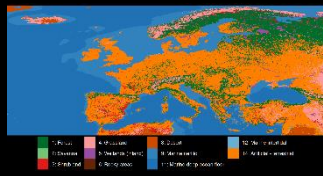


Threats



Current
land cover

Potential natural
vegetation

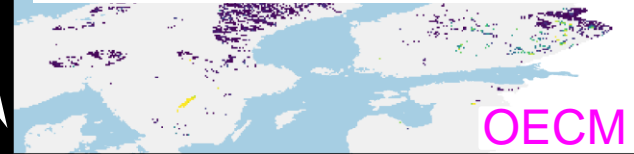


Horned Grebe



What if?

Conserve existing habitat



Restore urban areas



Restore croplands



Restore urban & croplands



Prioritization

