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## Marine protected areas in the European Union



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#### **EU marine biodiversity**









Map: ETC/ICM Technical Report 4/2019

#### **Biodiversity condition**

#### Integrated classification of biodiversity condition

#### **Conservation status of habitats**





Map: (BEAT+) Korpinen et al. ETC/ICM Technical Report 4/2019

State of nature in the EU. Results from reporting under the nature directives 2013-2018, 2020

#### **Marine Protected Areas as a conservation tool**

"MPAs":

- area [, volume] of the ocean set aside for long-term conservation aims...

- and socio-economic benefits,

- where human pressures are reduced

#### **Marine Protected Areas in EU legislation**

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# In 2022: 4,858 MPAs (6,414) 11.4% of EU waters



MPAs from States' reporting to the European environmental agency; EEZ from: marineregions.org

### What protection in EU MPAs?

### Summarizing regulations of activities using

protection levels

#### **Data sources**

#### MPA polygons from States' reporting to the European Environmental Agency



MPA info from WDPA, Medpan, ProtectedSeas



Regulations

### What are MPAs made for?



### **Levels of protection**

#### Maximum allowed impact of activity



High



### **Across all designation types**

**B.** Designations



#### Overlapping designations $\neq$ higher protection

#### Same for IUCN categories

See also Dudley et al, 2017, Horta e Costa et al. 2016

#### **Depending on sovereignty**





Jurisdictions adapted from Mestahallitus 2020; EEZ from marineregions.org; for + see EEA healthy seas briefing 2025

900

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### **Overall, EU MPAs provide minimal protection**

- MPAs showed restrictions
- No legal obligation: on specific measures & protection levels
- They are made for this: not exclusive & for the economy
- MPAs are more than their regulations

#### EU MPAs are failing in reaching their goals

See also Claudet et al. 2020, Roessger et al. 2022, Mazaris et al. 2019, Perry et al. 2022, Korpinen et al. 2021

#### What about now?

2000

2020

2030

1980

#### The EU biodiversity strategy for 2030:

### - 30% MPA by 2030

Clearly defined conservation objectives and measures and are effectively managed + appropriately monitored

#### **10% strict protection**

Natural processes are left undisturbed

Directives revision (MSFD, MSPD) + restoration regulation

#### **MPA politics in France**

- Systematic vs case-by-case
- Backdoor politics: opaque, unaccountable, and limited participation
- High engagement in MPA politics
- Use of technical dimensions & sciences
- Clear demand for governance changes: what decision process?

Interviews with key stakeholders (2023-2025) qualitative analyses based on thematic coding

# How do Member States implement the target of strict protection?

3 study cases on national implementation (France, Spain, Sweden) +1 regional case (Northern France)

- Strict protection definition & implementation
- Actors involved & strategies
- Influence of socio-historical context on implementation
- Consequences national strategy on local implementation of strict protection

Qualitative research based on interviews anchored in critical political ecology (considering power relations and politicization)

## Thank you!

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