ESTABLISH RESERVES TO PROTECT ECOSYSTEM DIVERSITY

OBJECTIVE

Protect ecosystem diversity.

DESCRIPTION

Some areas with exemplary combinations of soil, hydrologic, and climatic variation support a correspondingly high degree of species diversity. Ecosystem diversity in these areas may be protected by establishing reserves, traditionally defined as natural areas with little to no harvest activity that do not exclude fire management or other natural disturbance processes. The use and definition of reserves should be considered carefully within the context of changing climate and ecosystem response as some systems may greatly benefit from minimal intrusion, whereas others may require more active management if ecosystem's integrity begins to deteriorate. It may be valuable to retain explicit flexibility in management practices, so long as management directly supports the justifications and goals for establishing the reserve.

EXPECTED RESULTS

Ecosystem functions preserved.

RESULT INDICATORS

Number of species preserved

INVOLVED ACTORS

Local government.

EXPECTED TIMELINE FOR ACTION

- Medium term (5-10 years)

BEST PRACTICES

- Conero – Marche Region – Italy
- Miramare - Friuli-Venezia Giulia Region – Italy
- Gargano – Apulia Region – Italy
- Porto Cesareo - Apulia Region – Italy
- Torre Guaceto – Apulia Region – Italy
- Mljet Island – Croatia
- Krka – Croatia
- Kornati – Croatia
- Brijuni – Croatia

CRITICALITIES

Possible interference with economic activities and interest.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Green
- Soft

SECTOR OF ACTION

- Biodiversity / Conservation of ecosystems
- Other

CLIMATE IMPACTS

- Change or loss of biodiversity
- Extreme temperatures
- Other

IMPLEMENTATION SCALE

- Association of municipalities
- Province
- Region / Country

SOURCE

https://www.nrs.fs.fed.us/