

ESTABLISH AND EXPAND RESERVES

OBJECTIVE

Establish and expand reserves or networks of reserves to link habitats and protect key communities.

DESCRIPTION

Choosing areas to establish reserves, traditionally defined as natural areas with little to no harvest activity, that do not exclude fire management or other natural disturbance processes. Placing reserves adjacent to each other to form a network of a few large reserves, or many small reserves along a latitudinal gradient, or a combination of large and small reserves close to each other, will help maintain connectivity across a varied and dynamic landscape.

EXPECTED RESULTS

Flexibility in silvicultural treatments of adjacent lands, promoted species movement, and core areas more protected from disturbance.

RESULT INDICATORS

Number of plant and animal species protected.

INVOLVED ACTORS

Governments, international/national/regional/local donors, natural experts, communities.

EXPECTED TIMELINE FOR ACTION

- Short term (1-4 years)
- Medium term (5-10 years)
- Long term (> 10 years)

BEST PRACTICES

- Dominican Republic; Madagascar; Ecuador; Indonesia; New Zealand; Guinea-Bissau; Canada
- Friuli Venezia Giulia Autonomous Region - Italy
- Veneto Region - Italy
- Marche Region - Italy
- Emilia-Romagna Region - Italy
- Croatia

CRITICALITIES

Vulnerability of plant and animal species.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Green
- Soft

SECTOR OF ACTION

- Agriculture / Forests / Land use
- Aquaculture / Fishing
- Biodiversity / Conservation of ecosystems
- Coastal management
- Public health
- Tourism and leisure
- Urban settlement
- Water resource management
- Other

CLIMATE IMPACTS

- Change or loss of biodiversity
- Coastal erosion
- Drought
- Extreme precipitation
- Extreme temperatures
- Fires
- Floods
- Salinization and acidification of water
- Strong winds
- Other

IMPLEMENTATION SCALE

- Province
- Region / Country

SOURCE

<https://adaptationworkbook.org/niacs-strategies/forest#strategy-210><https://journals.openedition.org/sapientias/1254>