

PRIORITIZE AND PROTECT SENSITIVE OR AT-RISK SPECIES OR COMMUNITIES

OBJECTIVE

Maintain the species diversity of the ecosystem.

DESCRIPTION

By prioritizing maintenance of sensitive and at-risk species or communities, managers can sustain these species on-site for as long as possible or until new long-term sites can be located and populated. An example of an adaptation tactic under this approach is to identify and protect high-quality stands of hemlock or other desired forest types to serve as refugia identified for long-term maintenance of the type. This approach could also be used to identify and create refugia for threatened and endangered plant or animal species.

EXPECTED RESULTS

Higher species diversity in this forest type increases its overall adaptive capacity.

RESULT INDICATORS

Number of sensitive species protected

INVOLVED ACTORS

Local government, local stakeholders, environmental agencies.

EXPECTED TIMELINE FOR ACTION

- Short term (1-4 years)

BEST PRACTICES

- Tennessee - USA
- Massachusetts - USA
- Europe

CRITICALITIES

Protection actions may require changes in the fruition of the area with consequent interference with touristic activities.

SCOPE OF THE ACTION

- Adaptation
- Mitigation

TYPE OF PROPOSED ACTIONS

- Green
- Soft

SECTOR OF ACTION

- Biodiversity / Conservation of ecosystems
- Other

CLIMATE IMPACTS

- Change or loss of biodiversity
- Other

IMPLEMENTATION SCALE

- Province
- Region / Country

SOURCE

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