ANTICIPATE AND RESPOND TO SPECIES DECLINE

OBJECTIVE

Identify species that are very likely to decline or are already declining.

DESCRIPTION

Anticipating forest and species decline due to changes in climate, disturbance regimes, or other factors may help to develop early and appropriate management responses to maintain forest cover and ecosystem functions.

EXPECTED RESULTS

Promotion of species to fill a similar niche.

RESULT INDICATORS

Number of declining species.

INVOLVED ACTORS

Natural manager, farmer, forest responsible, nurseryman.

EXPECTED TIMELINE FOR ACTION

- Medium term (5-10 years)
- Long term (> 10 years)

BEST PRACTICES

- USA
- Palaearctic region
- Australasia, Afrotropical, Indomalay, Nearctic, Neotropical, Palearctic region

CRITICALITIES

Logging and agriculture have competing interests.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Green

SECTOR OF ACTION

- Biodiversity / Conservation of ecosystems
- Public health
- Tourism and leisure
- Other

CLIMATE IMPACTS

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

IMPLEMENTATION SCALE

- Association of municipalities
- Region / Country

SOURCE

https://adaptationworkbook.org/niacs-strategies/forest