

EMPHASIZE DROUGHT- AND HEAT-TOLERANT SPECIES AND POPULATIONS

OBJECTIVE

Preserve species.

DESCRIPTION

An example of an adaptation measure under this approach is to favour or establish oak species on narrow ridge tops, south-facing slopes with shallow soils, or other sites that are expected to become warmer and drier. Another example is to seed or plant drought-resistant genotypes of commercial species where there is an expectation of increased drought stress.

EXPECTED RESULTS

Resistance of certain species and population

RESULT INDICATORS

Number of tolerant species

Number of tolerant populations

INVOLVED ACTORS

Natural manager, scientist, government.

EXPECTED TIMELINE FOR ACTION

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

BEST PRACTICES

- Africa & Asia
- Africa
- USA
- USA

CRITICALITIES

Impact of climate change like warmer temperatures, potential for drought growing and decreasing precipitation.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Green

SECTOR OF ACTION

- Agriculture / Forests / Land use
- Biodiversity / Conservation of ecosystems
- Public health
- Other

CLIMATE IMPACTS

- Change or loss of biodiversity
- Drought
- Extreme precipitation
- Extreme temperatures
- Floods
- Strong winds
- Other

IMPLEMENTATION SCALE

- Region / Country

SOURCE

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