

Examples of Prioritization Objectives for Invasive Species Categories Project

Maximize the probability of eradicating a species

Minimize impact of invasive species

- Social
- Economic
- Environmental

Minimize number of new invasions

Maximize the number of eradicated invasive species

Minimize threat to species of conservation concern

Minimize impact on people's livelihoods

Minimize economic impacts, including impacts to

- Infrastructure
- Animal production
- Agriculture
- Forestry
- Tourism
- Property value

Minimize social impacts, including impacts to

- Human health
- Livelihoods
- Human social life
- Recreation
- Aesthetics

Minimize ecological/environmental impacts, including impacts to

- Biodiversity
- Value of habitats
- Native species
 - Hybridization
 - Competition
 - Transmission of diseases
 - Herbivory
 - Predation
 - extinction
- Ecosystem services

Maximize feasibility

- Maximize probability of success
 - Probability of eradication or control
- Minimize cost
- Minimize negative effects of treatment (e.g. negative impacts from chemicals)
- Minimize likelihood of reinvasion