Analysis of management feedbacks from the French IAS Resource Center : What trends in current management approaches ?

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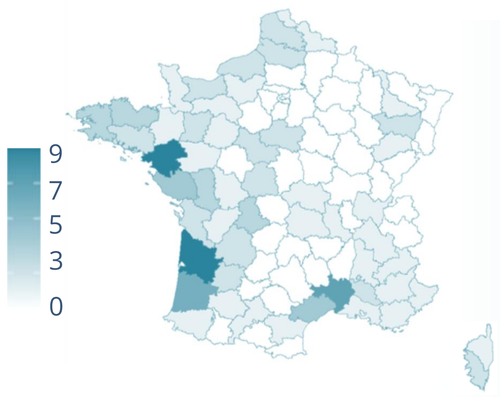
Context

Managers dealing with invasive alien species (IAS) require **suitable management methods**. Instead of offering standard solutions, which are often inapplicable, **management feedbacks (MF) provide concrete avenues** for managers to develop their own local methodologies.

A **compilation of 94 MF**, co-written by managers and the French IAS Resource Center for over 10 years, reveals trends regarding **managed species**, targeted **environments**, **protocols**, and their **effectiveness** in mainland France.

Method



Distribution map of the management feedbacks produced

The database is composed of :

- **94 MF** from all regions of mainland France
- **110 variables**
  - Taxonomy of the species managed
  - Information on the site managed
  - Information on impacts and issues
  - Methods and techniques used
  - Results of management actions
  - Costs

A glimpse of the database

Most represented IAS per group

Fauna (16 species)

15 management protocols


Trachemys scripta elegans


Ondatra zibethicus


Procambarus clarkii

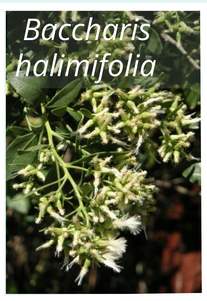

Lithobates catesbeianus

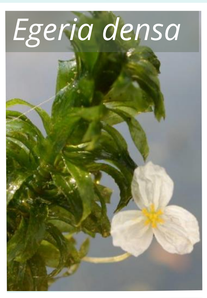

Threskiornis aethiopicus


Lepomis gibbosus

Plants (25 species)

58 management protocols


Baccharis halimifolia


Egeria densa


Reynoutria japonica

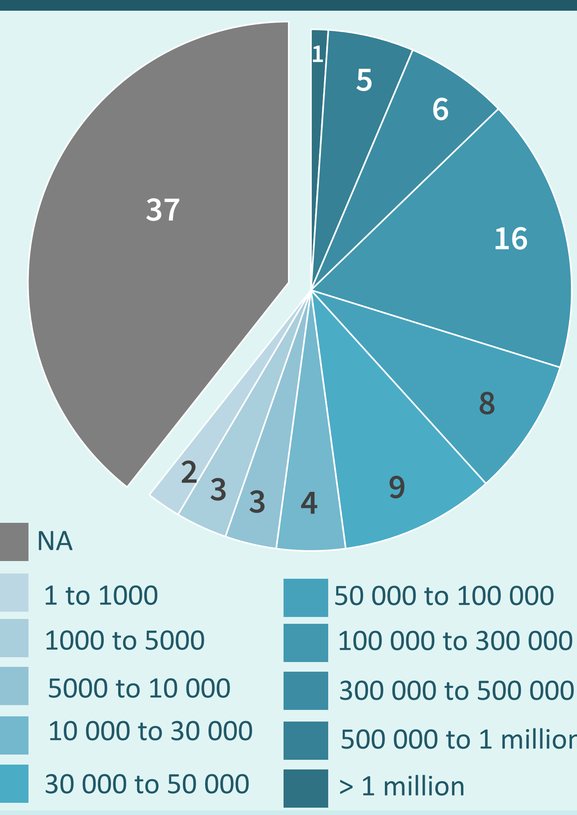

Ludwigia sp.


Opuntia rosea

Issues that drive management

- Impacts on native species
- Ecosystem dysfunctions

Total cost of management (in €)



Number of people mobilized for management actions

Conclusion

For the moment, the MF are focused on certain regions and species. To further enhance their usefulness for managers, the MF should include a **broader diversity of species**, including marine ones. Alongside the development and improvement of management practices, the structure of the MF must evolve to **address certain variables more precisely** (e.g., costs) and **incorporate additional information** (e.g., the risk of collateral impacts from management actions, or waste management procedures).

Continuous efforts are being made by the French IAS Resources Center to offer the best possible range of tools to help managers.

You want to share your management feedback with us? Please contact clara.singh@uicn.fr

Go check the management feedbacks (available in English)