



First order draft - Assessment of Invasive alien species and their control

Introduction to the first order draft of the IPBES assessment of invasive alien species and their control

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- All material from the first order draft of assessment may change during revisions of the assessment

Assessment co-chairs



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First order draft of the IPBES thematic assessment of invasive alien species and their control

- The assessment was launched after the **Plenary' seventh session** (IPBES-7), **in May 2019**
- Scheduled to be presented for the Plenary's acceptance, and its summary for policymakers for its approval, at the Plenary's **tenth session** (IPBES-10), in about 2 years and a half.
- It involves about **88 nominated and selected experts**
- **First author meeting:** 19- 23 August 2019 in Tsukuba, Japan
- 2 internal review rounds (2 revisions)
- **First external review:** 31 August - 18 October 2020 (7 weeks)



*Participants of the first author meeting of the assessment of invasive alien species
(19-23 August 2019, Tsukuba, Japan)*

This assessment aims to (1/2)

- **Assess the array** of invasive alien species that affect biodiversity and ecosystem services;
- **Assess the magnitude and extent** to various categories of biodiversity and ecosystem services, including **impacts** on agrobiodiversity and food, human health and livelihood security;
- **Assess the major pathways for and drivers of** the introduction and spread of such species between and within countries;
- **Assess the global status of and trends in the impacts** of such species and associated management interventions by region and subregion;

This assessment aims to (2/2)

- Assess the **level of awareness** of the extent of invasive alien species and their impacts;
- Assess the **effectiveness of current international, national and subnational control measures and associated policy options** that could be employed to prevent, eradicate and control invasive alien species.
- The assessment takes into account **various knowledge and value systems** including local and indigenous knowledge
- The **IPBES conceptual framework** will guide these analyses

Policy context

- The proposed assessment responds directly to **Aichi Biodiversity Target 9**
 - “By 2020, invasive alien species and pathways are identified and prioritized, priority species are controlled or eradicated, and measures are in place to manage pathways to prevent their introduction and establishment”
 - The expert group is also closely following the development of the **Post-2020 Global Biodiversity Framework** that will be adopted at the CBD COP-15.
- It also contributes directly to **Sustainable Development Goal 15, target 15.8**, of the 2030 Agenda for Sustainable Development:
 - “By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species”

Overarching policy questions

- What **progress** has been made in tackling the **Aichi Biodiversity Targets** of relevance to invasive alien species globally?
- What **global-level policy initiatives** would assist in invasive alien species prevention and management?
- What are the **obstacles to the uptake** of invasive alien species prevention and management measures?
- What **methods** are available for prioritizing invasive alien species threats?
- How can **networks and regional partnerships** assist in the prevention and management of invasive alien species?
- Are there **perverse policy drivers** that unintentionally create risks in relation to invasive alien species?
- How can decision makers decide **which issues to tackle first** given limited resources?
- How might **policy sectors, businesses, non-governmental organizations and other stakeholders** benefit from better prevention and management of invasive alien species?
- How does one prevent and manage invasive alien species that cause harm to biodiversity but contribute to **economic activities**?

The final assessment will be composed of

- **Front matter:** Table of content, Foreword, Statement by key partners, Acknowledgements, Preface
- **Summary for policymakers:** includes key messages
- **Chapters and their executive summaries**
- **Back matter:** Glossary, Acronyms, List of authors and review editors, List of expert reviewers
- **For the first external review:** Chapter drafts and the draft Glossary for the assessment of invasive alien species and their control – **31 August to 18 October 2020**

Chapter overview

- **Chapter 1.** Introduction
- **Chapter 2.** Status and trends
- **Chapter 3.** Indirect and direct drivers affecting the introduction, establishment and spread of invasive alien species
- **Chapter 4.** Impacts of invasive alien species on Nature, Nature's Contributions to People, Sustainable Development, and Good Quality of Life
- **Chapter 5.** Management: Lessons learned
- **Chapter 6.** Future options for the prevention and management of invasive alien species



Thank you!



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