

Invasive Alien Species SBSTTA-25

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Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)

Information Alert:

**Invasive Alien Species: IPBES Assessment Report Will Tackle One of the
Five Leading Direct Drivers of the Biodiversity Crisis**

Report Scheduled to Launch on Monday, 4 September 2023

<http://www.ipbes.net/>

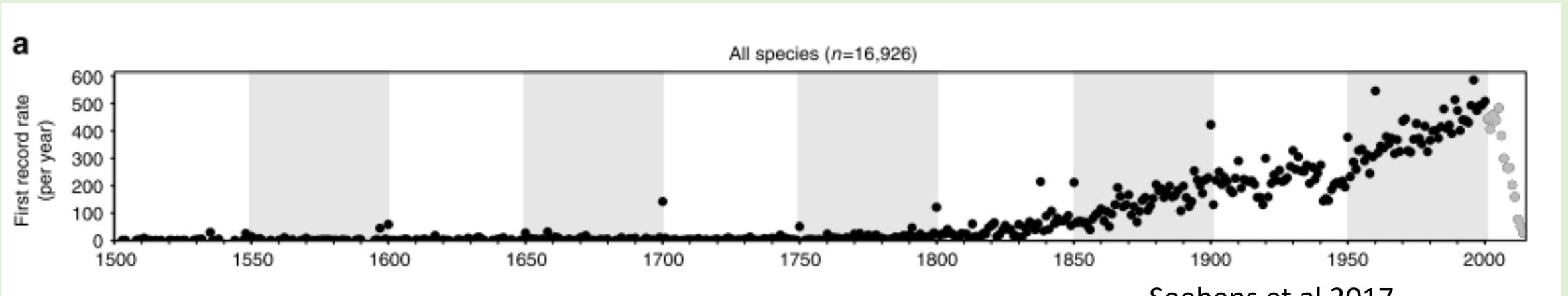
Prepared by 86 leading international experts from 49 countries, from all regions of the world

Draws on more than 13,000 references, 4 years in development, at a total cost of more than \$1,5 million

Invasive alien species are one of the five major direct drivers of biodiversity loss globally, alongside land- and sea-use change, direct exploitation of organisms, climate change, and pollution

37 000 species introduced in regions outside their native ranges (in all regions and biological realms)

3500 are categorized as invasive





Aichi Target 9

Invasive alien species prevented and controlled

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.

Kumming-Montreal GBF Target 6 – elimination of the impacts

Target 6.

Eliminate, minimize, reduce and or mitigate the impacts of invasive alien species on biodiversity and ecosystem services by identifying and managing pathways of the introduction of alien species, preventing the introduction and establishment of priority invasive alien species, reducing the rates of introduction and establishment of other known or potential invasive alien species by at least 50 per cent by 2030, and eradicating or controlling invasive alien species, especially in priority sites, such as islands

SBSTTA-25

Nairobi October 2023

The Scientific, Technical and Technological Body will prepare the advises on the Annexes of Decision 15/27 on Invasive Alien Species

	CBD
	Distr. GENERAL
Convention on Biological Diversity	CBD/COP/DEC/15/27 19 December 2022
	ORIGINAL: ENGLISH
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CONFERENCE OF THE PARTIES TO THE CONVENTION ON BIOLOGICAL DIVERSITY Fifteenth meeting Montreal, Canada, 7-19 December 2022 Agenda item 21	
DECISION ADOPTED BY THE CONFERENCE OF THE PARTIES TO THE CONVENTION ON BIOLOGICAL DIVERSITY	
15/27. Invasive alien species	

6 Annexes

1. Draft methods for cost-benefit and cost-effectiveness analysis which best apply to the management of invasive alien species;

2. Draft methods, tools and measures for the identification and minimization of additional risks

associated with cross-border E-Commerce in live organisms and the impacts thereof;

3. Draft methods, tools and strategies for the management of invasive alien species as it relates to prevention of potential risks arising from climate change and associated natural disasters and land use change,

4. Draft risk analysis on the potential consequences of the introduction of invasive alien species on social, economic and cultural values,

5. Draft use of existing databases on invasive alien species and their impacts, to support risk communication,

6. Draft additional advice and technical guidance on invasive alien species management.



CBD/SBSTTA/25/10

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Annex I

Methods for cost-benefit and cost-effectiveness analysis which best apply to the management of invasive alien species;

necessary to prioritize control and eradication efforts to those species and pathways

- I. Cost-benefit & Cost-effectiveness analyses
- II. Multi-criteria analysis
- III. Further considerations for the management of invasive alien species

Annex II

Methods, tools and measures for the identification and minimization of additional risks associated **with cross-border E-Commerce** in live organisms and the impacts thereof;

A. Suggested actions for national and subnational authorities and border agencies

1. Legislation, policy and technical actions
2. Stakeholders' engagement (IPLCs as relevant stakeholders)
3. Monitoring and compliance

B. Suggested actions for web marketplaces (sale platforms) and e-payment service providers, postal and express courier services

C. Suggested actions for international bodies/agreements and cross-jurisdictional collaboration

D. Suggested actions for relevant international expert organizations

Annex III

Methods, tools and strategies for the management of invasive alien species as it relates **to prevention of potential risks arising from climate change and associated natural disasters and land use change,**

- A. Prediction
- B. Planning and prevention
- C. Management
- D. National and international cooperation

Annex IV

Risk analysis of the potential consequences of the introduction of invasive alien species on social, economic and cultural values

explicitly include social and cultural values when assessing the costs, benefits and prioritization of management

increase qualitative and quantitative knowledge and data on socioeconomic and cultural impacts of invasive alien species on communities and society

Enhanced risk communication

Social impact assessment offers a structured process for identifying

Annex V

Use of existing databases on invasive alien species and their impacts, to support risk communication

- I. Importance of databases
- II. Maintenance of efficient, timely and high-quality up-to-date standardized data and information for the management of invasive alien species

Important to facilitate data sharing and, where appropriate, use common international data standards, standard terminology in national, regional, local and thematic databases, even if languages differ between data portals

Annex VI

Additional advice and technical guidance on invasive alien species management

A. Use of sanitary and phytosanitary measures

B. Management measures for specific pathways

- International aid programmes
- Emergency relief, aid and response
- Inter-basin water transfer and navigational canals
- Air transport (Civil air transport)
- Tourism
- Sea containers and cargos (Ballast Water Management Convention, *lack of an international convention on Marine biofouling*)

C. Capacity-building activities



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1. Setting Introducing biological invasions and the IPBES assessment: concepts, terminology and risks
2. Synthesis of past and future trends, and status of alien and invasive alien species
3. Direct and indirect drivers of biodiversity change affecting biological invasions across different
4. stages: transport, introduction, establishment and spread of invasive alien species
5. Impacts of biological invasions on nature, nature's contributions to people, and good quality of life
6. Managing biological invasions: approaches, effectiveness and constraints
7. Future options for the prevention and control of biological invasions: governance and policy
8. instruments

6 ^b	6.1 Rate of invasive alien species establishment	<p>Rate of invasive species impact and rate of impact</p> <p>Rate of invasive alien species spread</p> <p>Number of invasive alien species introduction events</p>	<p>Number of invasive alien species in national lists as per the Global Register of Introduced and Invasive Species</p> <p>Trends in abundance, temporal occurrence, and spatial distribution of non-indigenous species, particularly invasive, non-indigenous species, notably in risk areas (in relation to the main vectors and pathways of spreading of such species)</p> <p>Red List Index (impacts of invasive alien species)</p>
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Thank you very much for your attention