



Piero Genovesi

### Chair

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### Location/Affiliation

(1) ISPRA Institute for Environmental Protection and Research, Via Vitaliano Brancati 48, 00144 Rome, Italy

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### Number of members

210

### Social networks

Facebook:

Invasive Species Specialist Group (ISSG)

Twitter: @IUCN\_ISSG

Website: [www.issg.org](http://www.issg.org)



### Mission statement

The Invasive Species Specialist Group (ISSG) aims to reduce threats to natural ecosystems and the native species they contain by increasing awareness of invasive alien species, and of ways to prevent, control or eradicate them.

### Projected impact for the 2017-2020 quadrennium

By the end of 2020, the ISSG envisions indications of reductions in the global overall rates of biological invasions and targeted successful management options by national governments. Robust and current data and information are invaluable for planning management and action ranging from prevention of introductions to ongoing management of invasions. By providing this support to our stakeholders, we hope to contribute to significant reductions in biological invasions, both in preventing introductions of alien species and optimal management of ongoing invasions. Biodiversity indicators allow decision makers to see the result of their decisions, and the development of sound indicators is supported by sound and current data. The ISSG hopes to use the data it collates to develop practical and informative indicators leading to better decision making. The planned global assessment of the impacts of invasive alien species on the natural environment, to be completed by the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), will use all the data and information generated during the development of Invasive Alien Species (IAS) indicators and an expert group will compute the qualified impacts of IAS on the natural environment. The ISSG envisions that this informed assessment will be a key resource when the next Strategic Plan on Biodiversity is developed in 2020.

### Targets for the 2017-2020 quadrennium

#### Assess

Research activities: (1) complete 20% of proposed linkages between the ISSG knowledge products and other significant knowledge products of the IUCN and partners, such as the Red List, Protected Planet, ECOLEX, etc.; (2) aim to complete at least 200 Environmental Impact Classification of Alien Taxa (EICAT) assessments for the most harmful alien invasive species, and post them on the Global Invasive Species Database (GISD) also as preliminary profiles; (3) develop an interlink between GISD and Global Register of Introduced and Invasive Species (GRIIS), to display 30% of information available in GRIIS also through the GISD webpage; (4) prepare at least 100 species profiles for GISD; (5) update all four Biodiversity Indicators related to invasive species; (6) complete a global assessment of the impact of invasive alien species.

### Activities and results 2019

#### Assess

##### Research activities

- i.** All four Biodiversity Indicators related to Invasive Species are currently under update and all will be completed by June 2020. Data collection for three indicators is completed and analysis to commence. Data collection for the legal response indicator is ongoing. (KSR #32)
- ii.** The global assessment of the impact of invasive alien species cannot be undertaken until all the indicators are updated and funding received to complete the pending work on impact mechanisms. (KSR #32)
- iii.** The database infrastructure to develop an interlink between GISD and GRIIS is still incomplete.

Jane Smart presenting IUCN proposal for target on invasives based on ISSG inputs at SSC SC meeting  
Photo: Piero Genovesi



### Acknowledgements

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### Summary of activities 2019

Components of Species Conservation Cycle: 1/5

Assess 3 IIII

Main KSRs addressed: 2

Resolutions addressed: WCC-2016-Res-018-EN

KSR: Key Species Result



ISSG Chair and Shyama Pagad at IUCN Leaders meeting, Abu Dhabi  
Photo: Piero Genovesi