

Indicator 15.8.1

Indicator Name, Target and Goal

Indicator 15.8.1 Proportion of countries adopting relevant national legislation and adequately resourcing the prevention or control of invasive alien species

Target 15.8 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

Goal 15 Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

Definition and Rationale

Definition

Proportion of countries adopting relevant national legislation and adequately resourcing the prevention or control of invasive alien species.

Concepts

An “Alien” species is described as one which has been introduced outside its natural distribution range because of intentional or accidental dispersion by human activity. An alien species which has become established in a natural or semi-natural ecosystem or habitat, is an agent of change, and threatens native biological diversity is known as an “Invasive alien species” (Convention on Biological Diversity 2016). The introduction of an alien species can be intentional or unintentional /accidental. Mechanisms of impact of invasive alien species include competition, predation, hybridisation, and disease transmission, parasitism, herbivory and trampling etc. The outcomes of these impacts lead to biodiversity loss, habitat degradation, and loss of ecosystem services.

Rationale and Interpretation:

The larger effective national policy and legislation and effective national strategies and action, the more strongly committed the country is to control invasive alien species.

- Data Sources and Collection Method:
 - website of the alien species management in Japan (Japanese)
<http://www.env.go.jp/nature/intro/>
 - website of the ministry of the environment, government of Japan, the MOEJ budget for JFY 2018 (Japanese)
http://www.env.go.jp/guide/budget/h30/kakumoku_1.html

Method of Computation and Other Methodological Considerations

- Computation Method
 - Whether we have adopted relevant national legislation and have been adequately resourcing the prevention or control of invasive alien species.
- Comments and limitations
 - N/A

Data Disaggregation

N/A

References

INVASIVE ALIEN SPECIES ACT

Custodian Ministries of Data

Ministry of the Environment

Custodian Ministries of Related Policies

Ministry of Agriculture, Forestry and Fisheries

Forestry Agency, Ministry of Agriculture, Forestry and Fisheries

Fisheries Agency, Ministry of Agriculture, Forestry and Fisheries

Ministry of the Environment

International Organizations

International Union for Conservation of Nature and Natural Resources (IUCN)