



Species

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2022 Report of the IUCN Species Survival Commission and Secretariat



The IUCN Species Survival Commission (SSC) is a science-based network of thousands of volunteer experts from almost every country of the world, all working together toward achieving the vision of “a just world that values and conserves nature through positive action to both prevent the loss and aid recovery of the diversity of life on earth.”

Members of SSC belong to one or more of near 200 Specialist Groups, Red List Authorities, Action Partnerships, Task Forces, and Conservation Committees to

To accomplish those targets, the Species Conservation Cycle was established, which is the conceptual framework for the Network activities. The Species Conservation Cycle’s main purpose is to guide efforts for valuing and conserving biodiversity through three essential components that are linked to each other:

ASSESS: Understand and inform the world about the status and trends of biodiversity.

PLAN: Develop collaborative, inclusive and science-based conservation strategies, plans and policies.

ACT: Convene and mobilise conservation actions to improve the status of biodiversity.

Their implementation requires two transversal components:

NETWORK: Enhance and support our immediate network and alliances to achieve our biodiversity targets.

COMMUNICATE: Drive strategic and targeted communications to enhance our conservation impact.

Stand-alone reports summarize the activities conducted and results generated by each group member of the SSC. Following, is the structure of the stand-alone report and the contents under each session.

Title of the SSC Group

Photograph(s) of the Chair/ Co-Chair

Group information

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Committee

Center for Species Survival



2022 Report

IUCN SSC Sirenia Specialist Group

CO-CHAIR Helene Marsh (Dugongs) James Cook University, Townsville, Australia	CO-CHAIR Anmari Alvarez Aleman (Manatees) Clearwater Marine Aquarium Research Institute, Florida, US	RED LIST AUTHORITY COORDINATOR Alejandro Ortega- Argueta Departamento de Conservación de la Biodiversidad, El Colegio de la Frontera Sur, ECOSUR, Mexico	NUMBER OF MEMBERS 80
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Mission Statement

The mission of the Sirenia Specialist Group (SSG) is to provide recommendations to managers and stakeholders in range states regarding research and conservation actions to ensure the long-term conservation of all extant Sirenian populations by increasing current knowledge of their status and distribution and identifying issues of concern and suggesting culturally appropriate, effective, and efficient corrective actions. Our goal is that local population of the Sirenia species are recovered, and the species diversity is maintained in order to increase resilience to the effects of climate change and major stochastic events, especially extreme weather.

Projected impact 2021-2025

The projected impact for this quadrennium is to: (1) increase knowledge about the different Sirenian species and populations across their ranges; (2) support and strengthen the network of researchers and conservationists who direct work with the species; (3) share conservation and research initiatives among the network of collaborators and provide status updates for the Red List assessments, and (4) support and promote conservation planning and management actions at regional, national, and local levels.

Targets 2021-2025

ASSESS

T-001 Conduct regional Red List assessments.
Status: On track

T-002 Conduct subspecies assessments for Florida Manatee (*Trichechus manatus latirostris*) and Antillean Manatee (*Trichechus manatus manatus*).
Status: On track

T-004 Carry out aerial surveys for West Indian Manatees (*Trichechus manatus*) in Central America to provide population estimates.
Status: On track

T-005 Designate Important Marine Mammal Areas (IMMAs) for the entire global Dugong (*Dugong dugon*) range.
Status: On track

T-007 Develop monitoring strategies for Antillean Manatee populations associated with habitats with limited visibility.
Status: On track

PLAN

T-006 Prepare the Species' Plan of Action or Recovery in the manatees' country of distribution.
Status: On track

ACT

T-010 Increase coverage protection of manatees

