



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 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:

- 1. **Assess**: Understand and inform the world about the status and trends of biodiversity.
- 2. **Plan**: Develop collaborative, inclusive and science-based conservation strategies, plans and policies.
- 3. **Act**: Convene and mobilise conservation actions to improve the status of biodiversity.

Their implementation requires two transversal components:

- 1. **Strengthen**: Enhance and support our immediate network and alliances to achieve our biodiversity targets.
- 2. **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.

1. Introduction

2. Objectives

3. Methodology

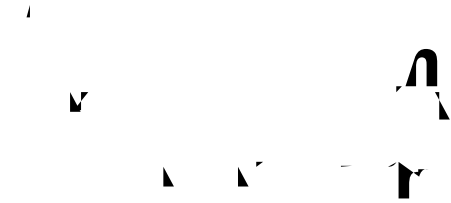


4. Results

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2022



CHAIR
 Wendy Foden
 Cape Research
 Centre, South African
 National Parks,
 South Africa

NUMBER OF MEMBERS
 62

The IUCN SSC Climate Change Specialist Group (CCSG) aims to support and strengthen nature conservation in a changing climate.

2021 2025

The IUCN SSC Climate Change Specialist Group is a global network of more than 60 leading scientists and conservation professionals dedicated to supporting and strengthening nature conservation in a changing climate. We work to promote a deeper understanding of climate change, its impacts, and the responses required to protect biodiversity in this rapidly changing world. To accomplish these objectives, we have structured our activities around five main themes: 1) Understanding impacts; 2) Assessing vulnerability; 3) Developing adaptation responses; 4) Informing policy, and 5) Supporting the Species Survival Commission (SSC).

2021 2025

-001 Document, attribute, and monitor climate change impacts on species.
 Status: On track

-002 Improve the use and understanding of species vulnerability to climate change and CCVA methodology, including for Red List and Green List assessments.
 Status: On track

-003 Advance understanding of climate adaptation by evaluating conservation actions and their efficacy and improving linkages to species conservation planning.
 Status: On track

-005 Inform IUCN policy and outreach on climate change issues.
 Status: On track

-004 Develop and recommend adaptation measures to climate change and monitor their effectiveness.
 Status: On track

-006 Support the SSC on climate change-related issues.
 Status: On track

-00 Build and strengthen the CCSG through acceptance and recruitment of new members to advance our program areas.
 Status: On track

-007 Share scientific advances from the CCSG community and beyond to facilitate

Number of scientific publications about species research that acknowledges SSC affiliation: 137

Result description: The IUCN SSC Guidelines for assessing species' vulnerability to climate change were cited 23 times in 2022. The scientific paper based on these results was cited 94 times in 2022.

-003 Advance understanding of climate adaptation by evaluating conservation actions and their efficacy and improving linkages to species conservation planning. (KSR 5)

Number of scientific publications about species research that acknowledge SSC affiliation: 0

Result description: A paper was published in *Biodiversity Conservation*, evaluating the effectiveness of conservation interventions under climate change ('Conservation interventions can benefit species impacted by climate change'). However, the SG affiliation was not listed. Two on-the-ground initiatives were carried out to test the effectiveness of conservation actions. Both are, as yet, in preparation for publication.

-005 Inform IUCN policy and outreach on climate change issues. (KSR 9)

Number of policies where SSC members provided technical input: 0

Result description: 1.3 (h5o)--12.4ocriph(sivovsec1 -1.307o1.3 9S -----9(3s)-9)duI3m84sP674a5