



Global information
serving conservation.



Join Us in Securing a Future for Wildlife

Addressing the Decline of Species with Technology

Species around the world face growing threats from human activity, habitat destruction, and climate change. With more than **one million species at risk of extinction**, this urgent crisis calls for innovative tools that ensure species survival by addressing key conservation challenges like population viability, genetic diversity, and disease management.

The **Species Conservation Toolkit Initiative (SCTI)** is a community funded partnership hosted by Species360. It is designed to tackle these conservation challenges head-on, providing critical resources for the long-term sustainability of wildlife and plant populations.

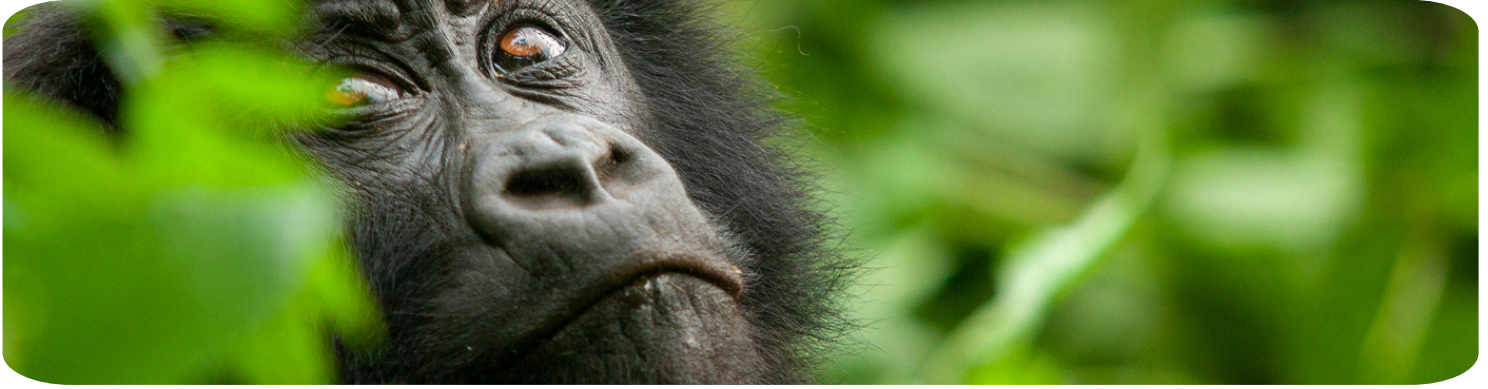
SCTI tools seek to provide the scientific foundation and practical applications necessary to protect and restore threatened species.

Make an Impact

“ Join us in strengthening wildlife conservation. Zoos and aquariums can contribute meaningfully to the protection of threatened species and their habitats by investing in Species360 to sustain the One Plan Approach tools, Vortex and Outbreak.

Your support empowers effective conservation decisions and enhances our ability to respond to emerging challenges. Together, let's drive global conservation efforts and create a sustainable future for our planet's wildlife!

— Dr. Caroline Lees, *Chair of the IUCN SSC Species Conservation Planning Specialist Group*



Key Conservation Challenges Addressed by SCTI Tools:

SCTI tools focus on several key areas to improve the effectiveness of conservation efforts and increase the likelihood of species survival:

- **Population Viability:** Modeling population dynamics to ensure self-sustaining, healthy species populations.
- **Genetic Diversity:** Preserving genetic variation within populations to maintain adaptability and resilience.
- **Disease Management:** Integrating disease impact and mitigation into conservation plans, including vaccine strategies.
- **Demographic Sustainability:** Maintaining population structure and age distribution for long-term survival.
- **Effective Conservation Action:** Optimizing resource allocation and evaluating the impact of actions with data-driven insights.
- **Data Management:** Streamlining the collection, organization, and analysis of vast datasets critical for effective conservation planning.

Partnering with Species360

Species360 is a global leader with 50 years of experience in population management and conservation planning. With its vast network of members worldwide and a rich data repository, Species360 is uniquely positioned to provide data-driven, user-centric tools that are proven and scalable across diverse conservation contexts.

Building on the legacy established by Brookfield Zoo Chicago, the Smithsonian Conservation Biology Institute, and the IUCN Species Conservation Planning Specialist Group (CPSG), Species360 continues to advance conservation planning through innovative software tools and methodologies.

By supporting Species360 and the SCTI tools, partners can enhance their impact in conservation while aligning with sustainability goals.

Your support will enable Species360 to continue developing cutting-edge solutions, train conservationists in using these tools effectively, and expand the data essential for species survival.

Get Involved

To learn more and support these critical conservation tools, please contact **Angela Walsh** at angela.walsh@species360.org

