

# NATURE CONSERVATION AND STUDY CENTRE



STRATEGIC PLAN  
2021-2025

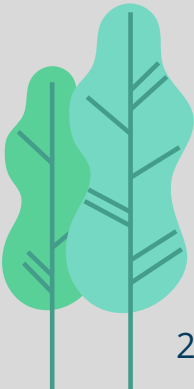
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# OUR ORGANIZATION

Nature Conservation and Study Centre (NCSC) is an organization driven to conserve nature. It aims to do so by achieving better understanding of biodiversity, protection of ecosystem functions, enhanced understanding to climate change and empowered resilient communities with intact value-system.



# MISSION

We work and collaborate with scientists, researchers, activists, communities and policy-makers to incorporate high quality result oriented scientific research into nature conservation and sustainable livelihood.

# VISION

A sustainable world in harmony with nature



# THEMES



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BIODIVERSITY &  
CONSERVATION

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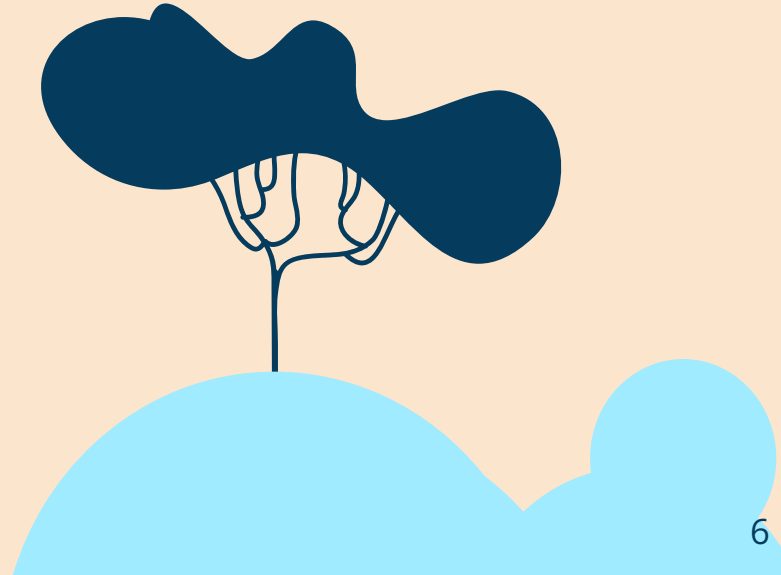
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...  
PEOPLE & COMMUNITY

# BIODIVERSITY AND CONSERVATION



Good science and capable manpower can make essential changes for existing issues in biodiversity and help in creating a better future.



# GOAL 1.1. Conduct comprehensive research on the population dynamics of nationally/globally threatened & data deficient species

Conduct expeditions to collect baseline data on data deficient flora and fauna

## Strategy 1.1.1.

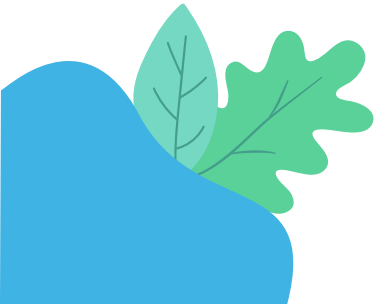


Identify landscapes with high biodiversity (but limited information) through appropriate modelling and carry expeditions to fill the knowledge gap.

## Strategy 1.1.3.

Update/generate new knowledge on endangered fauna and flora in Nepal

## Strategy 1.1.2.



## GOAL 1.2. Carry out overarching researches on unexplored issues concerning biodiversity in Nepal

Conduct research on biodiversity  
(flora and fauna) in Nepal

### Strategy 1.2.1.



Preserve and document traditional  
knowledge and practices relevant to  
biodiversity

### Strategy 1.2.2.





# GOAL 1.3. Create globally competent professionals working in the field of biodiversity across South Asia

Enhance capacity of professionals/organizations working on biodiversity conservation in South Asia

## Strategy 1.3.1.



Inspire youth to get involved in conservation and promote environmental education through practical knowledge dissemination

## Strategy 1.3.3.

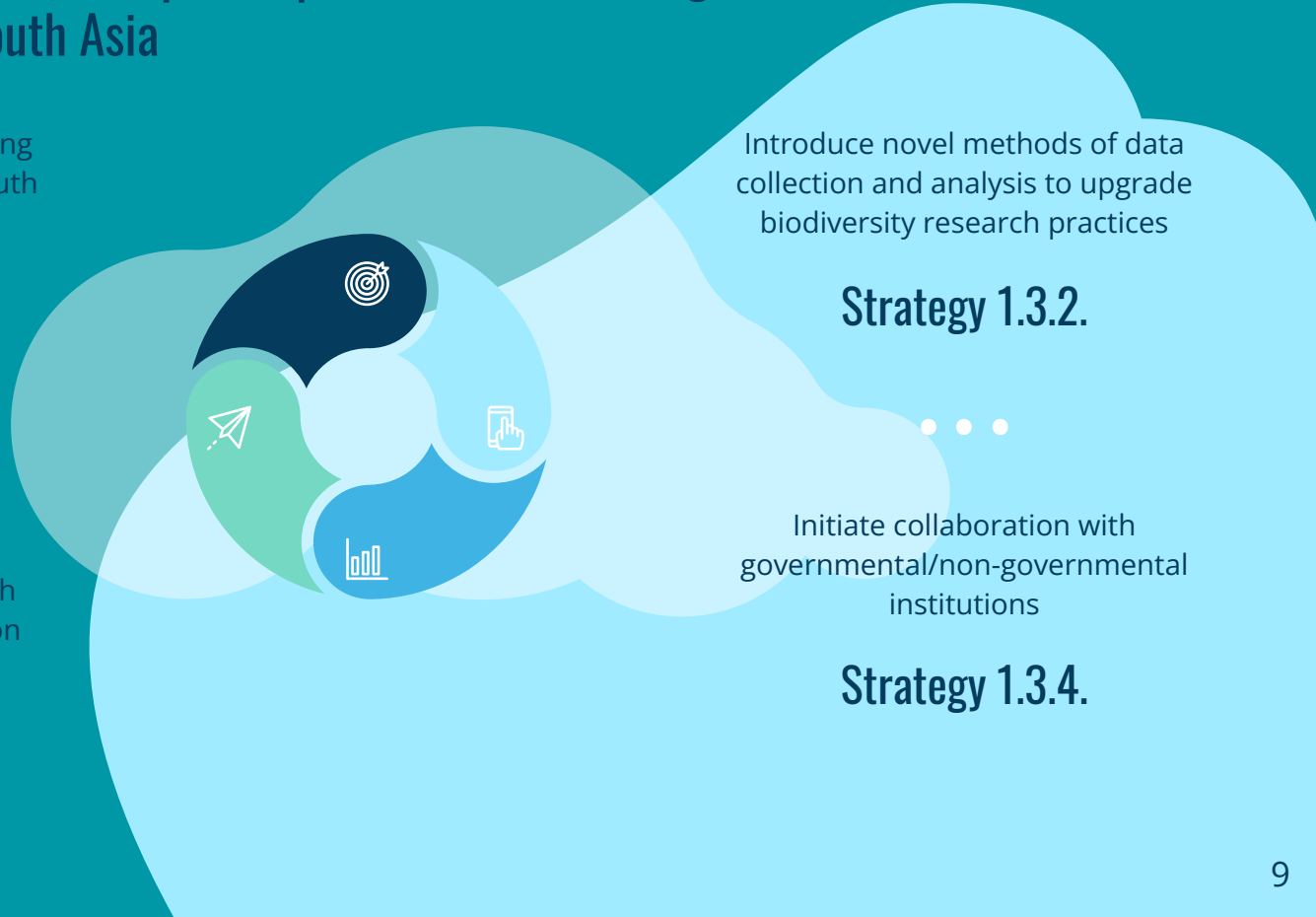
Introduce novel methods of data collection and analysis to upgrade biodiversity research practices

## Strategy 1.3.2.



Initiate collaboration with governmental/non-governmental institutions

## Strategy 1.3.4.



# ECOLOGY AND ENVIRONMENT

Healthy environment is fundamental right to every living being.



# GOAL 2.1. Study ecological functions to enable environmental managers and policy-makers to make an informed decision

Conduct ecological function research to maintain publicly available database

## Strategy 2.1.1.



Initiate long-term ecological research in collaboration with multiple stakeholders

## Strategy 2.1.3.

Identify major ecological threats and suggest best management approaches

## Strategy 2.1.2.



Study environmental pollution and work on reducing the impact of it in the environment

## Strategy 2.1.5.

Work on soil conservation and management

## Strategy 2.1.4.





## **GOAL 2.2. Identify, promote and manage ecosystem services to ensure its health and function**

### **Strategy 2.2.1.**

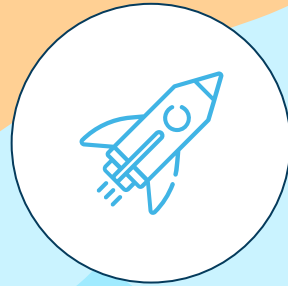
Identify and assess ecosystem services to monitor its health and functionality.



# GOAL 2.3. Manage, conserve and restore habitats crucial for genetic diversity and healthy ecosystem functioning

Explore and suggest habitat protection strategies in localized and landscape level habitats

## Strategy 2.3.1.



Assess current and future impacts of Infrastructure and Development projects in environment

## Strategy 2.3.2.



# GOAL 2.4. Research, encourage, collaborate and establish demonstration sites on eco-friendly technology and green solutions for environmental research and protection

## Strategy 2.4.1.



Promote environmental engineering and eco-friendly technologies

## Strategy 2.3.2.



Work towards making clean renewable energy readily available to all.



# WATER AND CLIMATE CHANGE



Effective interventions backed by science can empower communities to adapt to climate change through sustainable resource management and maintenance of fragile ecosystems



# GOAL 3.1. Assessment of climate change indicators and driving forces



## Strategy 3.1.1.

Enhance the engagement in the research activities



## Strategy 3.1.2.

Develop better understanding of the climatic risk through in depth understanding of the climate change indicators



## Strategy 3.1.3.

Support in the understanding of the earth and its environment through the use of tools and techniques





## GOAL 3.2. Determining the impact of climate change in the biological and physical components of the environment



### Strategy 3.2.1.

Establish the synergy with the local community and environment to understand its changing pattern



### Strategy 3.2.2.

Document the abundance, scarcity and variability of the weather and climatic variables



### Strategy 3.2.3.

Study implications of the changing climatic indicators on the livelihood and ecosystem.



## GOAL 3.3. Strengthening climate resilience and supporting adaptive measures to mitigate the impacts.



### Strategy 3.3.1.

Document, promote, disseminate Information, Education and Communication (IEC) materials and other resources for sustainable livelihood.



### Strategy 3.3.2.

Promote and support for the policy for adaptive and mitigative measures



### Strategy 3.3.3.

Promote community led resilient programs through interactive and inclusive approaches.



## GOAL 3.4. Identifying water as the vulnerable natural resource in the face of changing climate and physical environment

### Strategy 3.4.1.

Maintain the availability of water as a vital resource for humans and the stability of earth ecosystem

### Strategy 3.4.2.

Ensure the good quality of water as a physio-chemical component.

# PEOPLE AND COMMUNITY



Empowered indigenous communities with a strong identity and sustainable livelihood are the best stewards of this planet.



# GOAL 4.1. Empower and aware communities vulnerable to the impacts of natural and anthropogenic phenomena



## Strategy 4.1.1.

Introduce livelihood opportunities in economically vulnerable communities to raise their existing living standards.



## Strategy 4.1.3.

Encourage citizen science in existing local communities to enhance community participatory approach in conservation and other natural science issues



## Strategy 4.1.2.

Conduct innovative awareness in communities vulnerable to wildlife conflict and climatic variability



## Strategy 4.1.4.

Promote community level ecotourism in potential areas

## GOAL 4.2. Create a platform to disseminate the research & conservation outreach through mass media to professionals and local youths.

### Strategy 4.2.1.

Create a platform to encourage youth & citizen scientists to conduct researches in various cross-cutting issues

### Strategy 4.2.2.

Produce various IEC materials to communicate conservation messages to a wider public

### Strategy 4.2.3.

Promote GESI in accessing the opportunities through equal involvements in relevant projects and organizational policies.



## GOAL 4.3. Enriching indigenous communities to explore, document and communicate their existing natural and cultural practices



### Strategy 4.3.1.

Provide advocacy and consulting services to defend and protect indigenous communities' right to land and resources in Nepal



### Strategy 4.3.2.

Document indigenous knowledge, practices and conserve their cultural heritage and practices



### Strategy 4.3.3.

Promote community stewardship for sustainable utilization of natural resources including NTFPs and forest-based products



# THEORY OF CHANGE



## We believe



Healthy environment is fundamental right to every living being

Empowered indigenous communities are the best stewards of this planet.

## We worry



Fragile ecosystem will collapse resulting in sixth mass extinction if prompt action not taken

## We partner with



Non-profits, corporations, local and national government, communities, researchers and scientists

## We will



Conduct comprehensive research to conserve ecosystems

Strengthen community resilience against climate change and empower them

## We hope



To make necessary policy changes for biodiversity conservation and increase scientific knowledge

To build climate change resilient and empowered communities



**CREDITS:** This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**.

# Thanks!

Do you have any questions?

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