

PROFESSIONAL SUMMARY

Conservation biologist with a PhD in Zoology and applied experience across the Sundarbans, Indian Himalaya, grasslands, wetlands and human-dominated wildlife landscapes. Delivers biodiversity baselines, habitat and risk analytics, restoration plans, monitoring frameworks, spatial outputs and technical reports for conservation, ESG, CSR, E&S and nature-based solution programmes.

10+

years applied conservation work

37

captive-bred gharials release supported

15+

journal articles and technical publications

USD 1.8M+

technical project portfolio reported

CORE DELIVERABLES

B

Baseline studies

Field surveys, habitat notes, species lists, ecological condition and pressure mapping.

S

Spatial analytics

GIS layers, habitat suitability, species distribution and risk interpretation maps.

R

Restoration plans

Mangrove, wetland, grassland and shoreline restoration design with monitoring logic.

M

Monitoring systems

Survey protocols, indicators, dashboards, datasheets and verification-ready reporting.

AREAS OF WORK

Ecosystems

Mangroves, wetlands, forests, grasslands, riverine systems and Himalayan landscapes.

Biodiversity

Mammals, freshwater fauna, small carnivores, reptiles, birds, benthic and field-indicator groups.

Planning

NbS, restoration, conservation action, CSR projects, screening and monitoring frameworks.

SELECTED PROJECT OUTPUTS

- Living shoreline and mangrove regeneration reporting for coastal Sundarbans.
- Gharial habitat suitability support, dolphin mapping and freshwater biodiversity monitoring inputs.
- Himalayan biodiversity monitoring protocols, permanent-plot systems and capacity-building modules.
- Digital biodiversity screening workflows, species data layers and habitat-risk analytics.

WORKING MODEL

1

Assess

2

Map

3

Prioritise

4

Report

TECHNICAL STACK



PROFESSIONAL PATHWAY

2025-26

Sustainability Intelligence

Senior Biodiversity Expert

2024-25

WWF-India

Consultant - Biodiversity

2022-24

WWF-India

Senior Project Officer - Biodiversity

2021-22

ICLEI South Asia

Assistant Manager - Biodiversity

2016-20

Zoological Survey of India

Senior Researcher

2024+

Habitat Lens Pvt. Ltd.

Director

EDUCATION & CREDENTIALS

PhD, Zoology
University of Calcutta
M.Sc., Conservation Biology
University of Burdwan, Gold Medalist
IUCN SSC
Small Mammal Specialist Group and IUCN SSC Asia
Member
Ecological Restoration Alliance