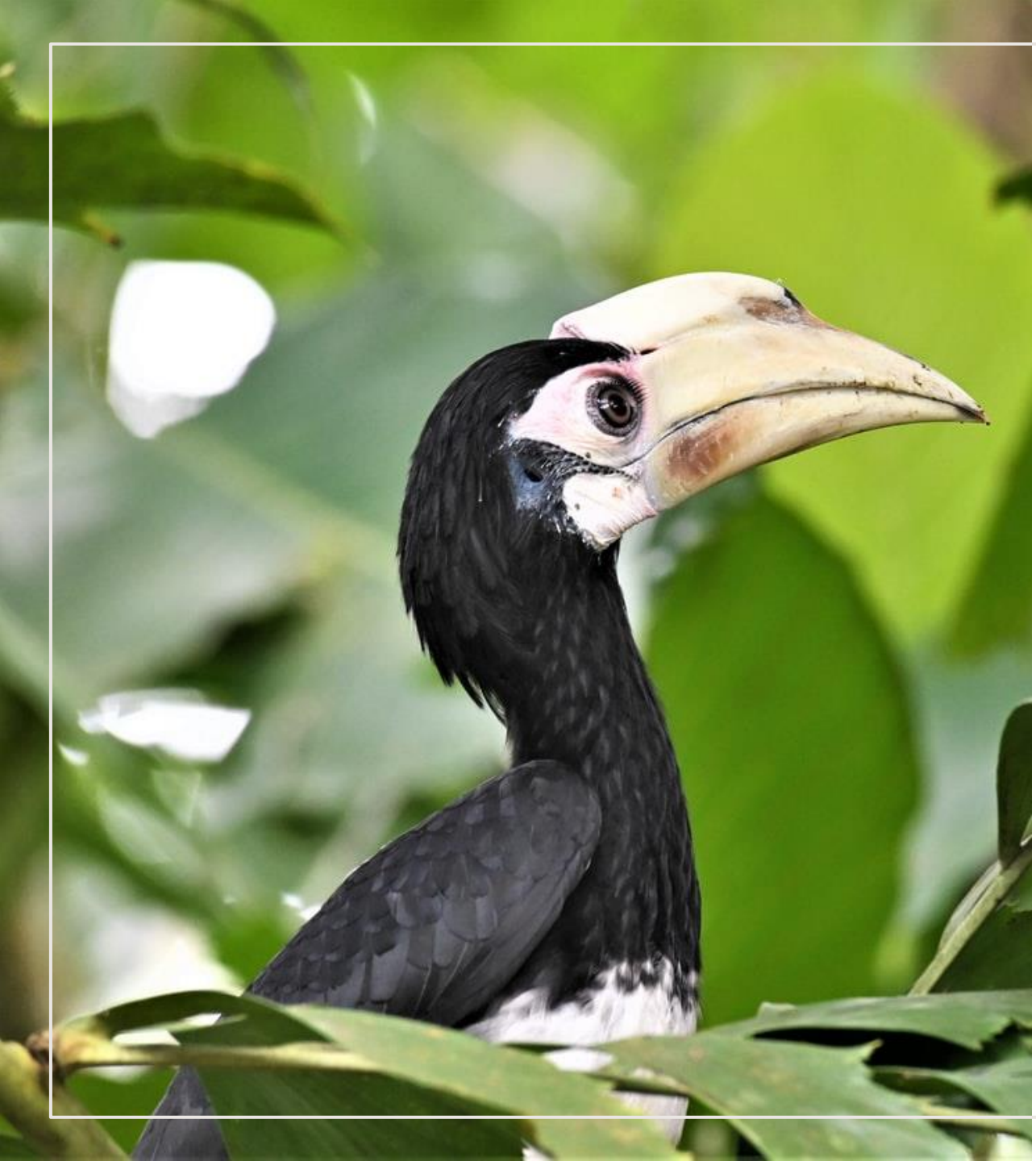

proteus

Introduction to IBAT

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BHP

27/03/2024

Introduction to the Integrated Biodiversity Assessment Tool (IBAT)

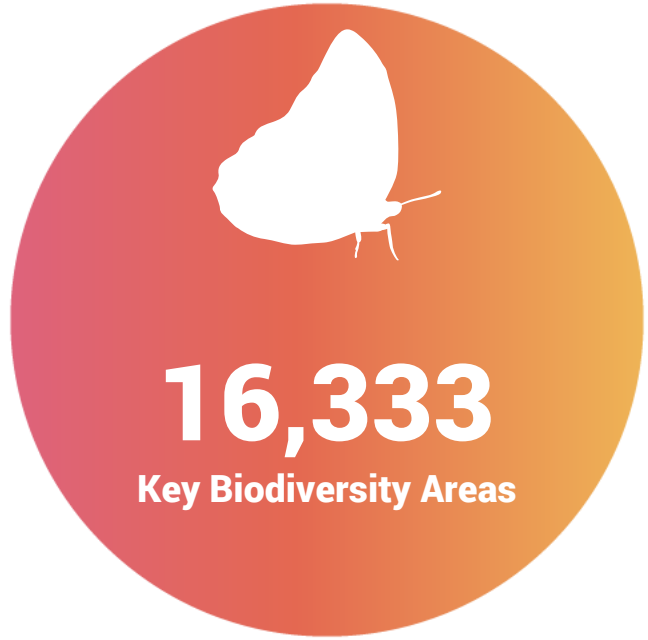
WHAT IS IBAT?

- A web-based map & reporting tool that provides fast, easy & integrated access to critical biodiversity information.
- An alliance between:
- The source of the most globally authoritative biodiversity data:
  - The World Database on Protected Areas (WDPA)
  - The World Database of Key Biodiversity Areas
  - The IUCN Red List of Threatened Species
  - Species Threat Abatement and Restoration (STAR)
- A link between the private sector and biodiversity conservation.

IBAT DATASETS

Updated monthly

Updated 3 times a year



Updated 3 times a year

* IBAT is the only place where each of these datasets is available for commercial users

KEY FEATURES OF IBAT

Features

- Ability to draw polylines and polygons
- Upload multiple sites (csv, shp, KMZ, KML)
- Download data per specified area
- Create portfolio of ‘Projects’ (sites)
- Site page giving overview of a site
- Multiple report types: Proximity, IFC PS6/World Bank ESS6, Freshwater, Multi-site
- Ability to view all data in the IBAT map

Real-time updates

- Protected Areas
- Key Biodiversity Areas
- Red List of Species data
- Species Threat Abatement and Restoration (STAR)

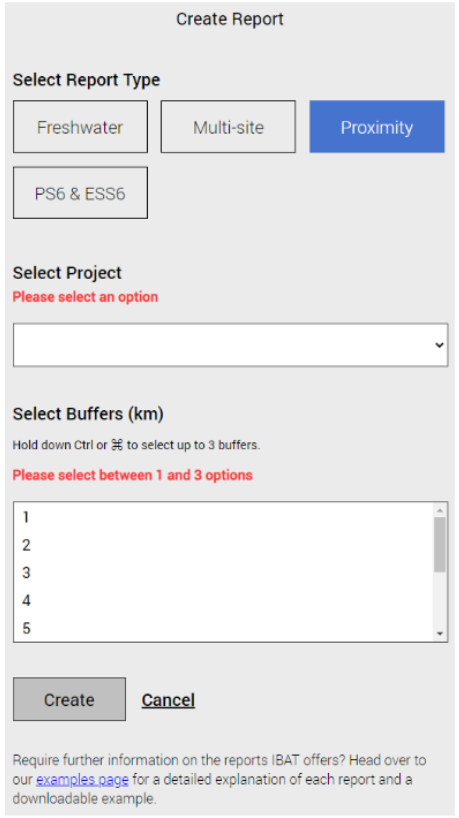
Committed to continuous improvement and user support

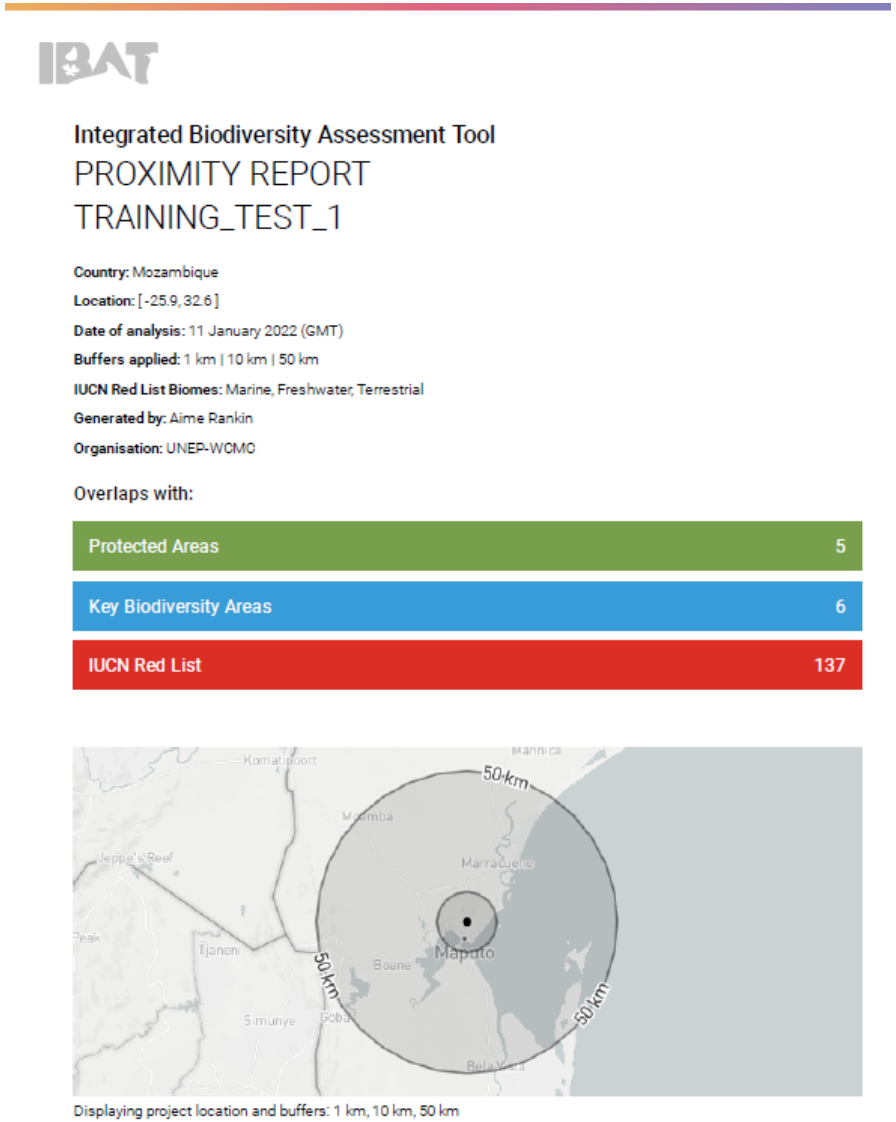
- Fully maintained
- Scientifically robust
- Committed to innovation and new functionality

IBAT REPORTS

Proximity Reports

- High-level early stage biodiversity risk screening for a single site.
- Buffers from 1 to 50 km.
- Assess for overlap with:
  - Protected Areas.
  - Key Biodiversity Areas.
  - IUCN Red List species.

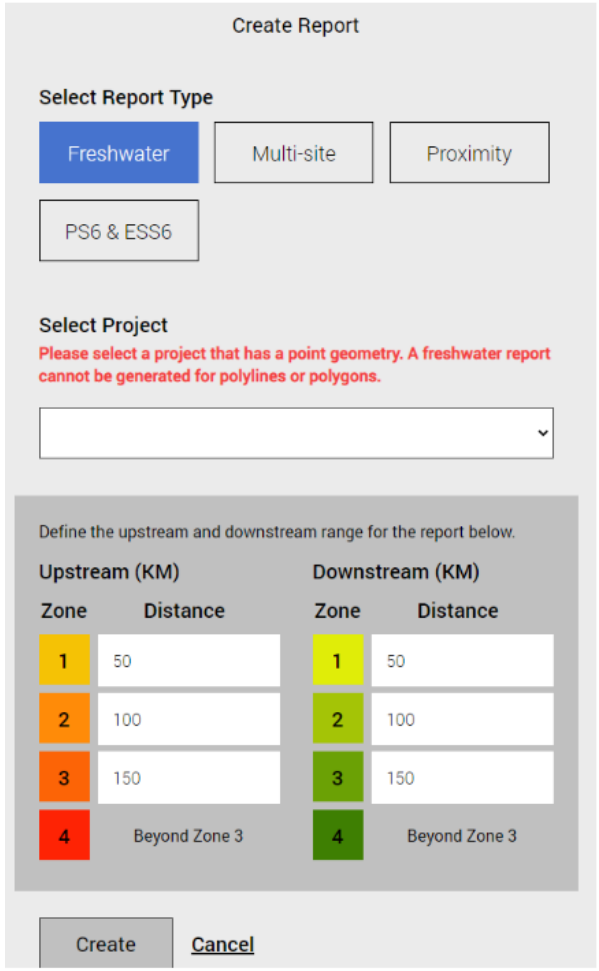


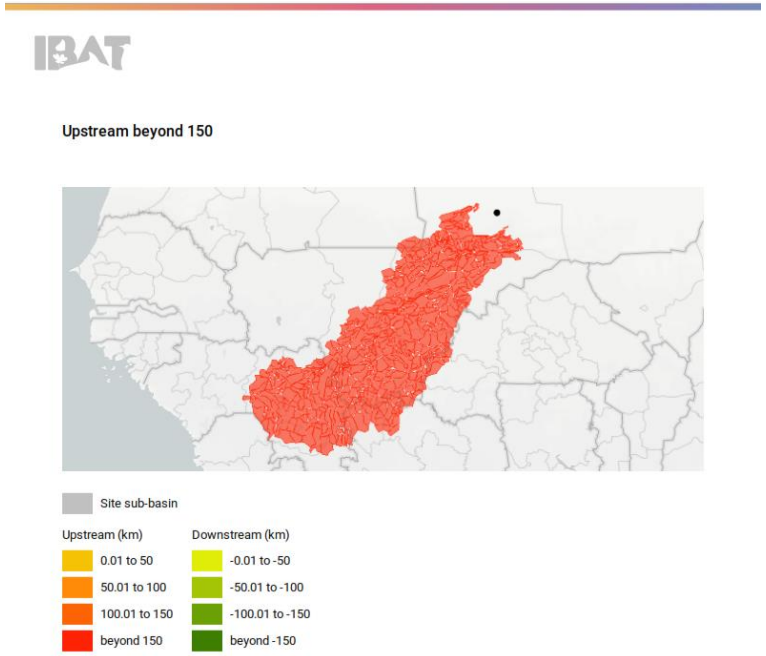


IBAT REPORTS

Freshwater

- High-level early stage biodiversity risk screening for a single site with potential to impact freshwater ecosystems.
- Upstream and downstream buffers.
- Point features only.

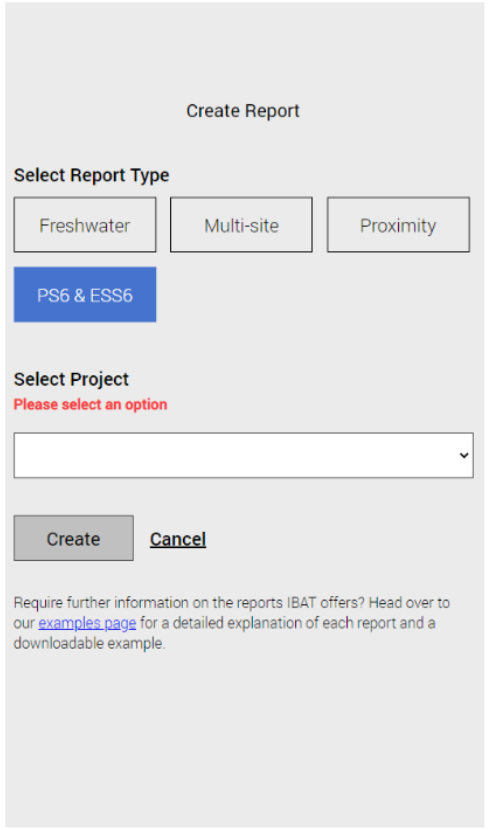


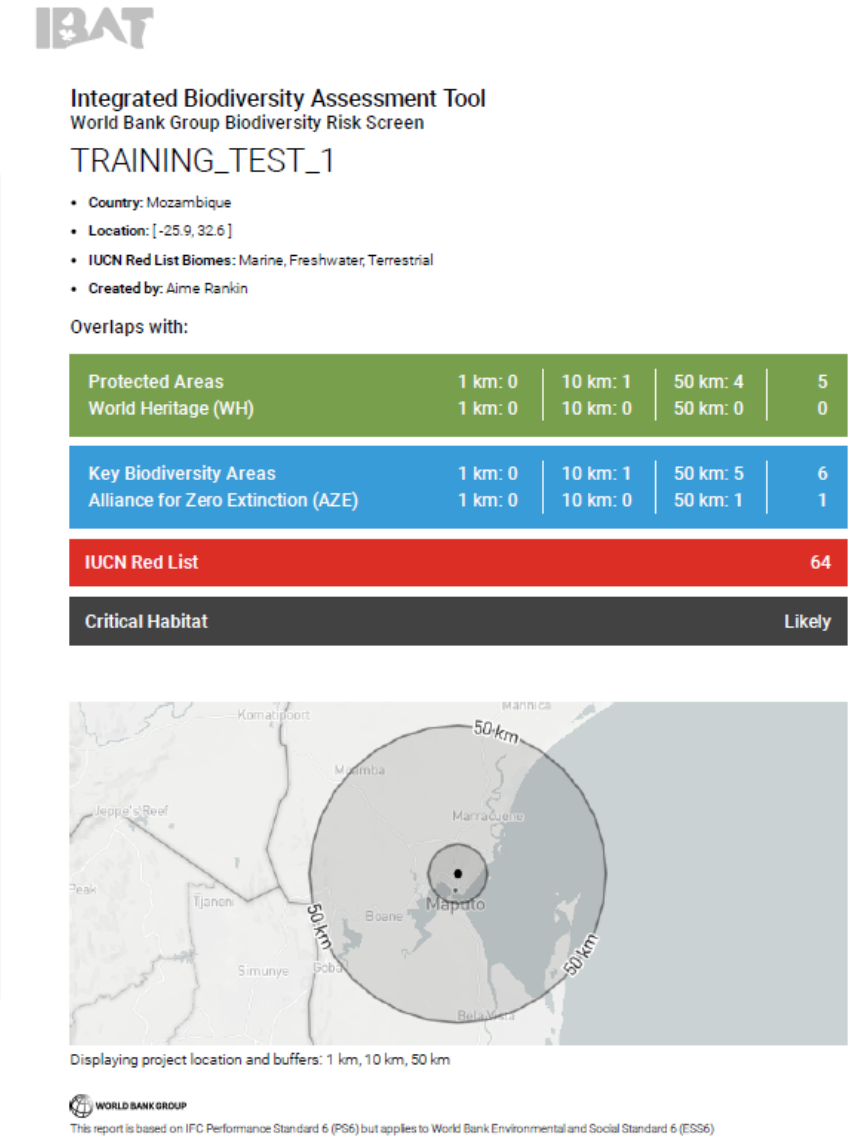


IBAT REPORTS

World Bank Group Risk Reports

- High-level early stage biodiversity risk screening for a single site with specific reference to **PSS6** and **ESS6**.
- Assesses **Critical habitat likelihood**.
- Buffers pre-defined at 10 and 50 km.

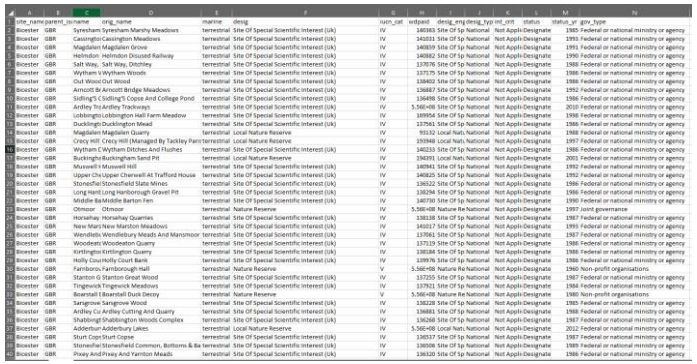




IBAT REPORTS

Multi Site

- IBAT Multi-site reports designed to help companies reporting for GRI/ SASB, and certification schemes .
- GRI Disclosure 304-1 Identify operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas (aka Key Biodiversity Areas)
- GRI Disclosure 304-4 Identify presence of IUCN Red List species and national conservation list species with habitats in areas affected by operations.



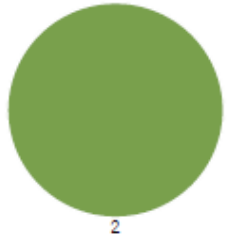
IBAT

Overlap with protected areas and Key Biodiversity Areas (KBAs)

The following table shows the number of protected areas and KBAs overlapped by a 50.0 km buffer for each operational site where an overlap occurs.

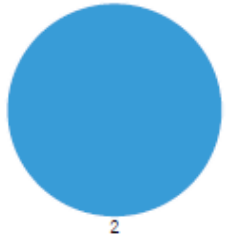
Site	Area (km²)	Protected Areas	KBAs
Training_test_1	0	5	6
Training_test_2	0	173	20

% Summary of protected areas overlap



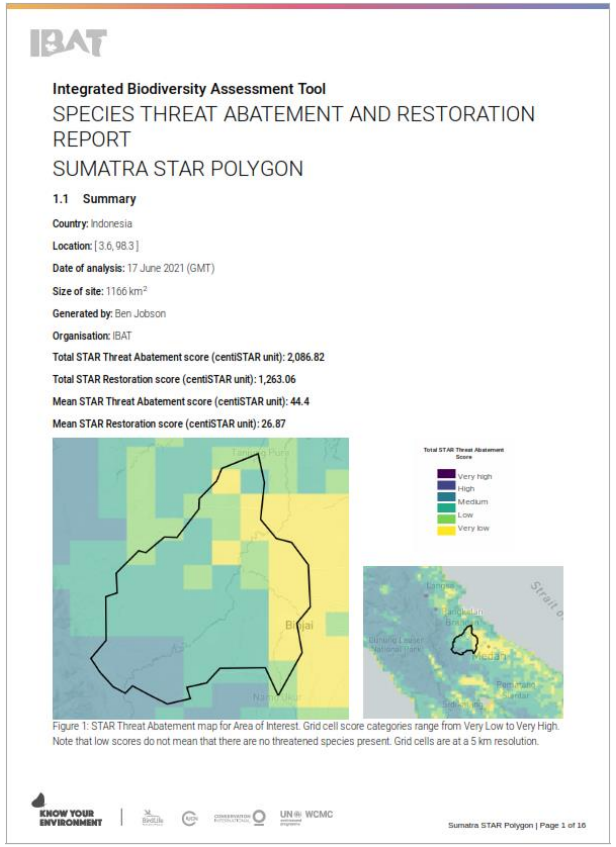
- 2 (100.00% of sites) are within 50.0 km of a protected area.
- 0 (0.00% of sites) are not within 50.0 km of a protected area.

% Summary of KBAs overlap



- 2 (100.00% of sites) are within 50.0 km of a Key Biodiversity Area.
- 0 (0.00% of sites) are not within 50.0 km of a Key Biodiversity Area.

SPECIES THREAT ABATEMENT AND RESTORATION METRIC (STAR)



IBAT

Integrated Biodiversity Assessment Tool

SPECIES THREAT ABATEMENT AND RESTORATION REPORT

SUMATRA STAR POLYGON

1.1 Summary

Country: Indonesia

Location: [3.6, 98.3]

Date of analysis: 17 June 2021 (GMT)

Size of site: 1166 km²

Generated by: Ben Jobson

Organisation: IBAT

Total STAR Threat Abatement score (centiSTAR unit): 2,086.82

Total STAR Restoration score (centiSTAR unit): 1,263.06

Mean STAR Threat Abatement score (centiSTAR unit): 44.4

Mean STAR Restoration score (centiSTAR unit): 26.87

Total STAR Threat Abatement Score

Very high
High
Medium
Low
Very low

Figure 1: STAR Threat Abatement map for Area of Interest. Grid cell score categories range from Very Low to Very High. Note that low scores do not mean that there are no threatened species present. Grid cells are at a 5 km resolution.

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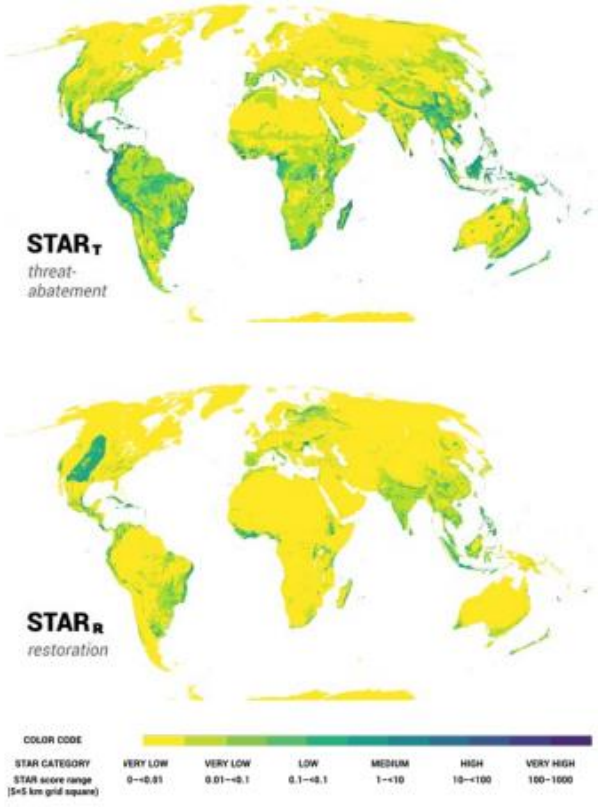
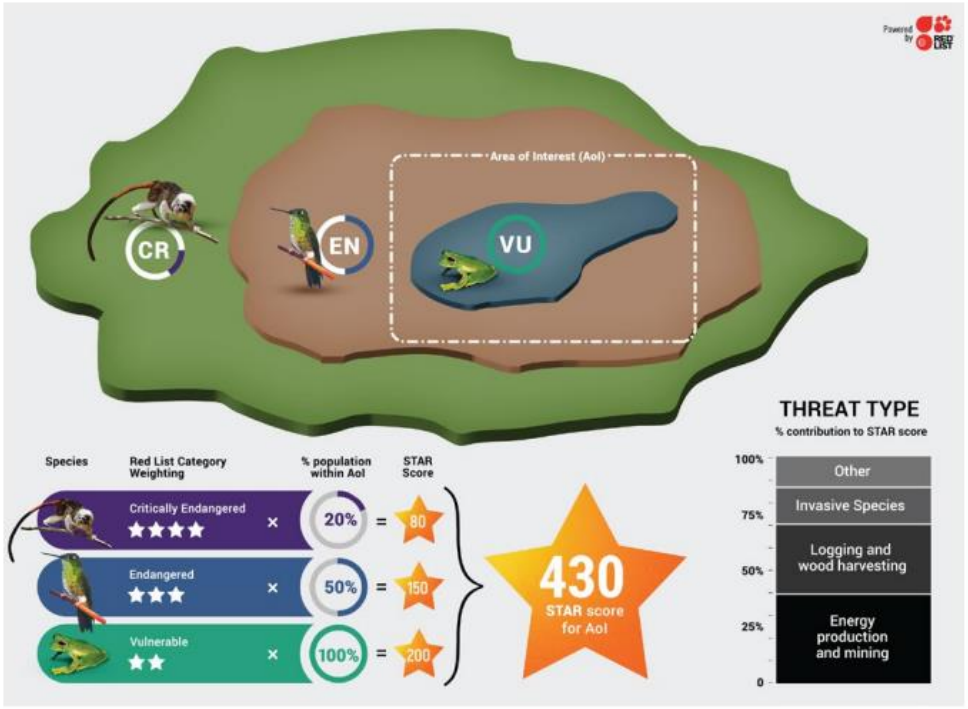
Sumatra STAR Polygon | Page 1 of 16






Thank You

UN environment programme

WCMC