



## Overview: The Importance of Biodiversity

Biodiversity describes the variety of life within ecosystems, from plants and vegetation to animal life, that is critical to food security, clean water, climate regulation, and disease control. Many human activities are harmful to biodiversity, triggering a cascade of negative environmental and socioeconomic impacts. As a result, governments, investors, and industry corporates are starting to consider and improve their relationship with biodiversity.

## Public & Private Sector Approaches to Biodiversity

Biodiversity data enables public and private sector stakeholders to understand their impacts, mitigate harmful ones, and maximize positive ones, protecting people, the planet, and business interests:

### Private Sector x Biodiversity Data

- Regulatory Obligations:** CSRD, SFDR, TPT, & the EU Taxonomy, among others, require biodiversity data
- Risk Management:** Identify & mitigate biodiversity risks associated with and harmful to business activities
- Project Planning & Product Development:** Develop new projects and products that consider, or even improve, biodiversity, to minimize future risks

### Public Sector x Biodiversity Data

- Policymaking:** Inform policies related to conservation, natural resource mgmt., biosecurity, & climate change
- Conservation Planning:** Maximize conservation efforts with directly observed insights and measured data
- Impact Assessment:** Understand the biodiversity impact of existing or planned projects within your jurisdiction to inform how to proceed with them

## Floodlight's Biodiversity Data Offering

We use geospatial technologies to directly observe and measure biodiversity characteristics and metrics – we do not believe in estimates, only in unbiased, scientific data that reflects real world impacts. Our biodiversity outputs include:



**Terrestrial ecosystem biodiversity risks**



**Geographic species richness mapping**



**Deforestation & indigenous impact**



**Marine ecosystem biodiversity risks**



**Endangered species threat KPIs**



**Global protected area mapping**

Alignment with Select Regulations & Standards	Disclosure Item	Floodlight Coverage	ISSB	CSRD	TCFD	SFDR	EU Taxonomy
	Direct/Indirect Biodiversity Impacts	✓	✓	✓	✓	✓	✓
	Biodiversity Risk Exposure	✓			✓		✓
	Natural Resource Use Sustainability	✓		✓			✓
	Exposure to Protected Habitats/Species	✓	✓	✓	✓	✓	
	Ecosystems Affected (Location & Type)	✓	✓	✓	✓	✓	

**The Floodlight Advantage**



**Reasonable Assurance**



**Asset, Company, & Region-Level Data**



**Up to Quarterly Periodicity**