

# Citi GPS Report on Nature: Sustainability's Next Frontier

The Citi Global Perspectives & Solutions report '[Nature: Sustainability's Next Frontier](#)' emphasises the urgent need for corporate engagement with nature-related risks and impacts to address the ongoing twin crises of climate and nature loss. Despite progress in frameworks such as the Taskforce on Nature-related Financial Disclosures (TNFD) and new innovations in nature data, the corporate response remains nascent compared to climate action. Below is a summary of the report.

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## Nature data and analytics: innovation and gaps

**Ecosystem of data providers:** The nature data landscape has expanded from NGOs and academic institutions to include startups and larger ESG data providers. However, data coverage gaps persist, particularly in remote areas.

**Satellite imagery and AI:** Advances in Earth Observation (EO) have enabled predictive analytics. Satellite-derived metrics (e.g., ecosystem productivity, land cover changes) are increasingly vital for facility-level assessments.

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## Earth Blox unlocks access to satellite imagery and geospatial analytics:

- Earth Blox collaborated with Citi on a project overlaying satellite imagery layers to analyse historical and current nature impacts at the facility level. [Read the case study here.](#)
  - The platform caters to a wide range of applications for businesses, including:
    - Situational awareness on deforestation, habitat loss, and pollution.
    - Risk assessments for supply chains and operational sites.
    - Supporting reporting frameworks like EUDR, TNFD, and CSRD.
  - Key advantages of the platform:
    - Access to over 20 years of consistent global satellite data with daily updates.
    - Cloud computing scalability for analysing data across millions of assets.
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## Corporate guidance and trends

### Starting the journey:

- Identify facilities with high material nature impacts.
- Collaborate with NGOs and academic bodies for expertise.

### Evolving reporting standards:

- Frameworks like TNFD now feature over 190 nature solutions.
- Satellite analytics support comprehensive disclosures under TNFD's LEAP approach.

### Future outlook:

- Rapid growth in EO technologies and AI tools for nature monitoring.
- Enhanced global data coverage and usability, coupled with emerging models like NASA's NISAR and ESA's BIOMASS missions.

In summary, the report underscores that integrating climate and nature management strategies is critical for businesses to align with global sustainability goals. Tools like [Earth Blox](#) enable scalable, data-driven insights for assessing and mitigating nature-related risks. However, substantial work remains in raising awareness and achieving sector-wide action.

Read the full report here: [Nature: Sustainability's Next Frontier, Citi GPS: Global Perspectives & Solutions, November 2024](#)