

From pledges to places

ACTION AGENDAS NEED SPATIAL DATA TO INTEGRATE CLIMATE AND BIODIVERSITY ACTION

Hagenström, P., Pettoirelli, N., Boran, I., Bridgewater, P., Delgado Pugley, D., Folkard-Tapp, H., Hsu, A., Imbach, P., Kok, M. T. J., VanDeveer, S. D., Widerberg, O., & Chan, S. (2025). *From pledges to places: Action agendas need spatial data to integrate climate and biodiversity action*. *Nature Portfolio Journal Climate Action*.

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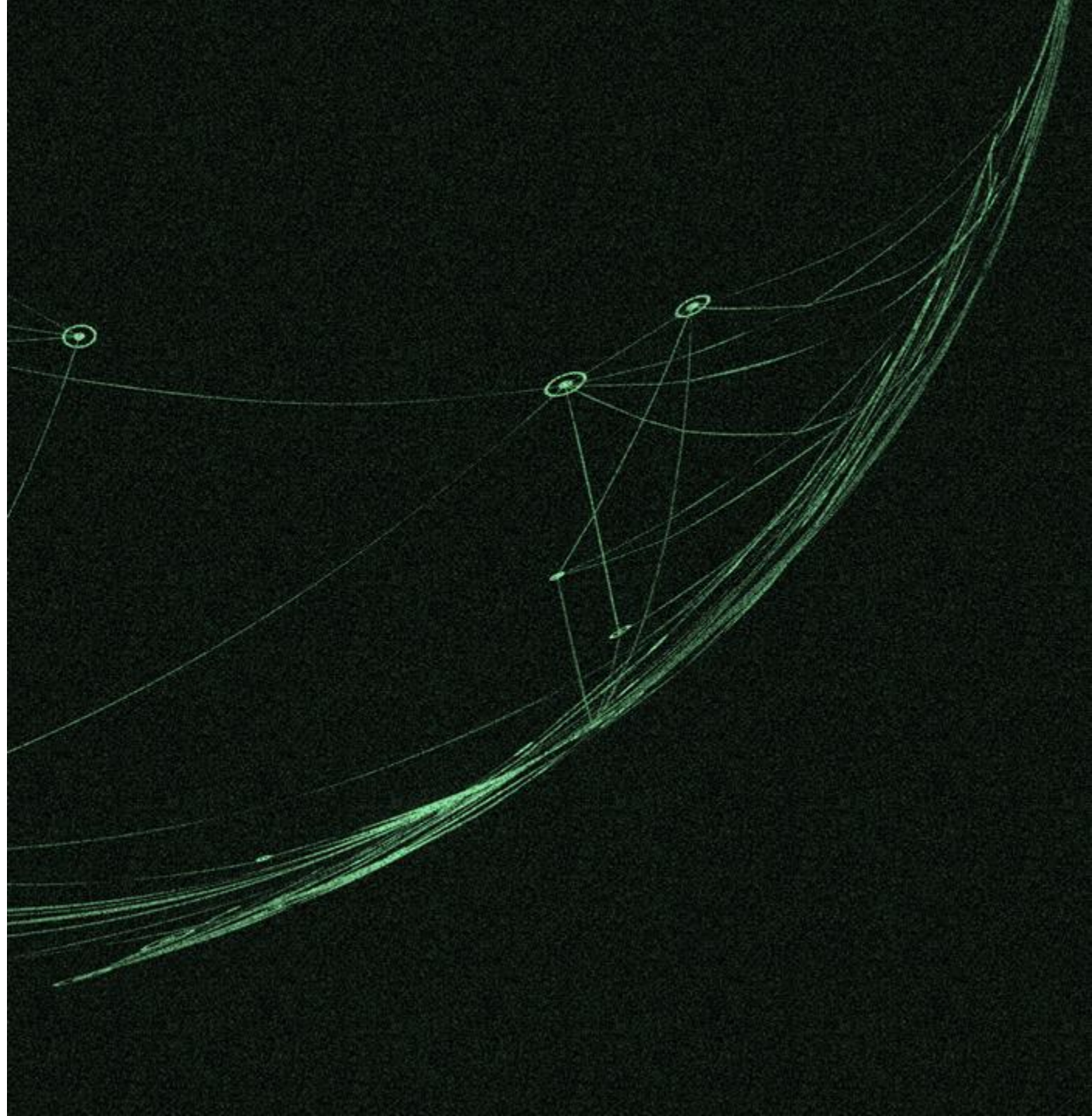
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<https://rdcu.be/eNNe5>



BioCAM4 Planet
People &
Human Health
Biodiversity Integration in Climate
Adaptation and Mitigation Actions

ACHIEVE
ACHIEVING HIGH-INTEGRITY VOLUNTARY
CLIMATE ACTION



Action Agendas are where global promises meet real-world action

UNFCCC, CBD and UNCCD

Action Agendas mobilize cities, companies, and communities to turn goals into implementation.

- Yet most tracking still centers on **pledges**, not **places**.
- Without spatial data, we can't link initiatives to the ecosystems and people they affect.

This limits our ability to:

- Spot **synergies** between climate and biodiversity work,
- Prevent **trade-offs** like habitat loss or inequity,
- Ensure **inclusive and just** outcomes.

As COP 30 highlights "*Stewarding Forests, Oceans & Biodiversity*," spatial data is key for **credible, effective, and just** Action Agendas.

COP30
BRASIL
AMAZÔNIA
BELÉM 2025

INTEGRATION OF CLIMATE AND BIODIVERSITY ACTION REQUIRES *SPATIAL ANCHORING*

Without knowing *where* action happens, we cannot know:

- **Who benefits** or bears costs
- What **synergies or trade-offs** occur
- **How effective** interventions are

Spatial data is NOT a technical add-on

- it's essential infrastructure for **credible, just, and effective** action

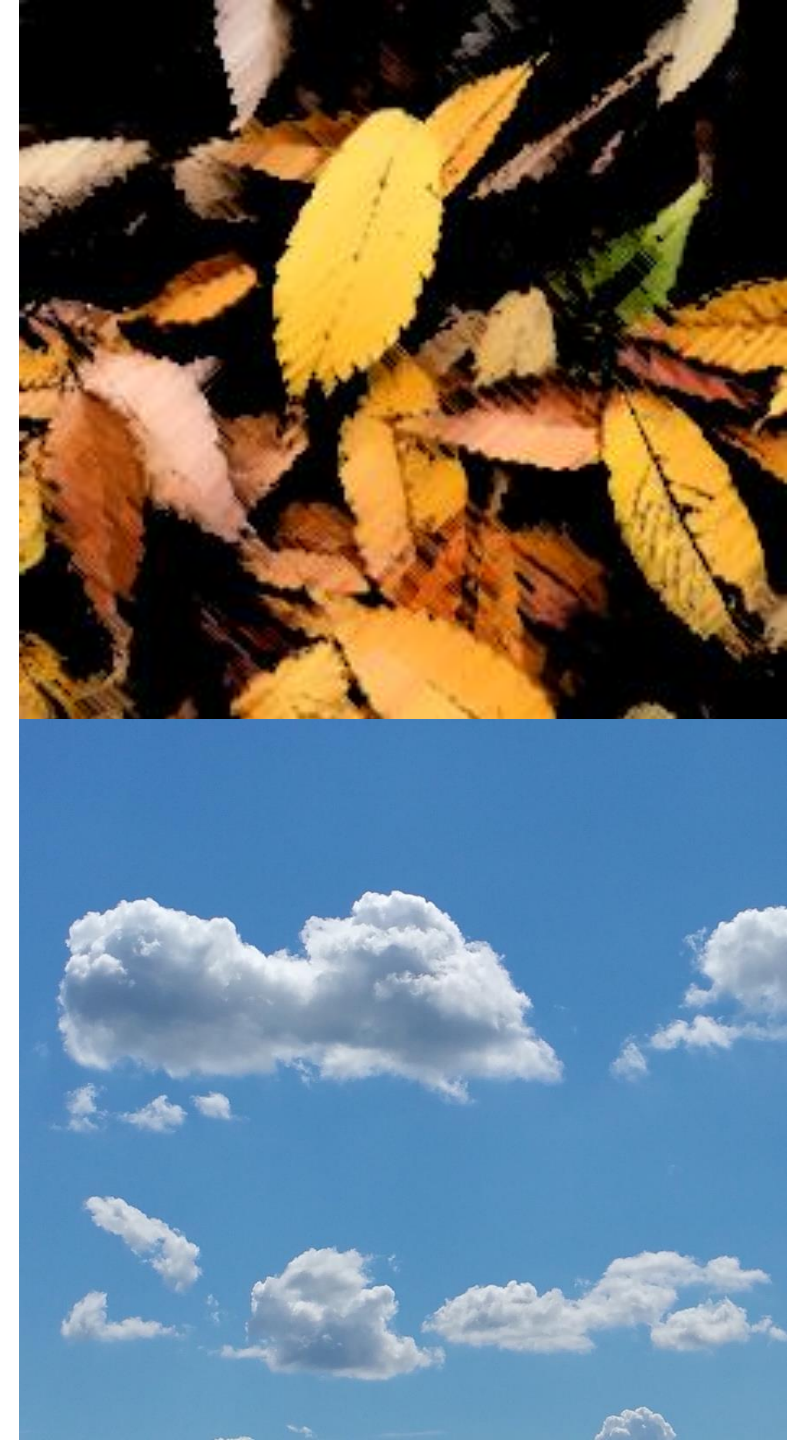
Reasons to integrate spatial data in climate & biodiversity action tracking

Spatial data enables multidimensional monitoring (beyond emissions)

Spatial data allows cross-context comparison and learning

Spatial data can drive justice and inclusion through participatory mapping

Spatialisation fosters collaboration across disciplines, sectors, and communities



**We urgently ask
UNFCCC, CBD,
and UNCCD
Action Agendas
to:**

Require

spatial data in non-Party reporting

Enable

integration and joint monitoring

Provide

incentives, capacity building, and ethical guidelines for gathering and reporting spatial data

Contact & Credits

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