

# NATURE-BASED SOLUTIONS: CATALYZING ACTION FOR **BIODIVERSITY** **CLIMATE** **HEALTH**

A PROJECT OF THE  
*SYNERGIES OF PLANETARY HEALTH RESEARCH INITIATIVE*

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# STRENGTHENING SYNERGIES



Nature-based solutions have enormous potential to deliver benefits to human health, biodiversity, climate change mitigation, and adaptation to climate change impacts. An action agenda for nature and people could activate and engage local and nonstate actors around the world, and collectively help realize planetary health consistent with the 2030 Agenda for Sustainable Development.

## TRACK ACTIONS' OUTPUT PERFORMANCE

Promoting transparency through tracking is a crucial component of action agendas. Data collection should go beyond pledges, and track effectiveness in terms of what is achieved, environmental and social impact, and tangible outputs. Compatible tracking methodologies can unlock co-benefits, help enable mutual support through sharing knowledge and experience, and support efficient comparison of data and knowledge gaps.

## ENABLE LOCAL ACTIONS + ADDRESS GEOGRAPHIC IMBALANCES

Initiatives by local and nonstate actors can help strengthen regional biodiversity actions by a multiplicity of actors across regions, e.g., Africa, Asia-Pacific, and Latin America. An action agenda for nature and people should help catalyze and strengthen actions in biologically rich regions, enabling support where it is most needed.

## SUPPORT ACTIONS FOR ADAPTATION AND RESILIENCE

Actions that support adaptation and resilience capacities through nature-based solutions can promote scalable, replicable earth systems adaptiveness to impacts on terrestrial, freshwater, and marine ecosystems health, with benefits to address a range of societal challenges, including food security, water security, disaster risk reduction, impacts of climate change, human health and well-being, and others.

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# SYNERGIES OF PLANETARY HEALTH RESEARCH INITIATIVE

## WHO WE ARE

*Synergies of Planetary Health Research Initiative* is an international, multi-disciplinary research group based at the Dahdaleh Institute for Global Health Research, York University, Canada. We are partnered with researchers at the German Development Institute / Deutsches Institut für Entwicklungspolitik (DIE) and the University of São Paulo. Through partnership-building, knowledge-sharing, and global outreach, our projects support maximizing synergies across multiple actors – cities, regions, businesses, non-governmental organizations, governments, and international organizations – to respond to global environmental challenges.

## WHAT WE DO

We bring empirical and critical perspectives together in dialogue with practitioners to:

- expand and strengthen climate action by nonstate and local actors that simultaneously deliver benefits toward climate and biodiversity goals
- narrow knowledge gaps and overcoming research and policy silos
- scaling up adaptation and maximizing synergies across action areas linking biodiversity, climate, and health.

## PRINCIPAL INVESTIGATORS

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