

4th ESP LAC 2023

International conference

La Serena, Chile, 6–10 November

Session Description

ID: T2

Pathways of the biodiversity-water-food-health- climate nexus in Latin America

Format: Hybrid

Hosts

	Name	Organisation	E-mail
Host	Ana Paula Turetta	Brazilian Agricultural Research Corporation - EMBRAPA	ana.turetta@embrapa.br
Co-Hosts	Leandra Gonçalves	Federal University of São Paulo	goncalves.leandra@unifesp.br
	Bruno Oliveira	International Institute for Applied Systems Analysis	oliveira@iiasa.ac.at
	Paula R. Prist	EcoHealth Alliance	prist@ecohealthalliance.org
	Jean Ometto	National Institute for Space Research - INPE	jean.ometto@inpe.br
	Aliny Pires	Rio de Janeiro State University - UERJ	alinypires@gmail.com

Abstract

The growth in the number of publications on the nexus in the last years attests the belief researchers are putting into this approach to face ever-pressing global challenges. The recognition of the promising approach that leverages the synergies and trade-offs of a system of resources has ensured that the topic received a strong momentum and popularity but has also seen disappointed expectations in its practical implementation and lack of widespread adoption in national policies, programmes and institutions.

The integration and participation promoted by the approach require in fact a good level of coordination and negotiation across different sectors and scales, opening up to a multifaceted endeavor of multi-level governance challenges. However, the significant claim of reaching a genuinely holistic approach through the nexus comes not without considerable challenges: to achieve its truly integrative effect in natural resource management, the nexus approach has to bring in a transformation in the whole governance system of natural resources. This is a great endeavor, especially in the countries of Latin America, which already face socio, economic and political struggles.

In this regard, the IPBES Nexus Assessment that is now being produced (<https://ipbes.net/nexus>) aims to synthesize the knowledge that is currently available on biodiversity-water-food-health Nexus, its role in sustainable development, potential threats, and options for policy responses. Furthermore, the present session aims to reinforce this

initiative in LA, opening a hybrid in-person/virtual session to discuss the Nexus development in LA.

Goals & Objectives

Gathering experiences of Nexus approach application in Latin America; identify the main gaps to develop this approach in Latin America; highlight empirical or theoretical developments of the NEXUS made by LA researchers, and promote a knowledge network in Nexus approach in Latin America.

Planned output

High level debate in the use of Nexus approach in Latin America; case studies organized across different ecosystems and available for public consultation (book of abstracts); build a Latin America network in Nexus approach.

Session format

Abstracts presentation, wrap-up discussion in a hybrid format. Duration: one morning OR one afternoon

Acceptance of voluntary contributions

Yes, I allow any abstract to be submitted to my session for review.

Relation to ESP Working Groups or National Networks

Thematic Working Groups: [TWG 2 – Biodiversity & Ecosystem services](#)