FAPESP DAY URUGUAY
November, 13-14th 2025

ANII AGENCIA NACIONAL DE INVESTIGACIÓN E INNOVACIÓN

FAPESP SÃO PAULO RESEARCH FOUNDATION

The Ocean International Agenda and Local Research Actions

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Programa FAPESP PROASA Atlântico Sul e Antártica

conservação e gestão de commons

Feme

UNICAMP NEPAM

Ocean International Agenda

UN 2030 Agenda for Sustainable Development





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2021 2030 United Nations Decade of Ocean Science for Sustainable Development



Ocean

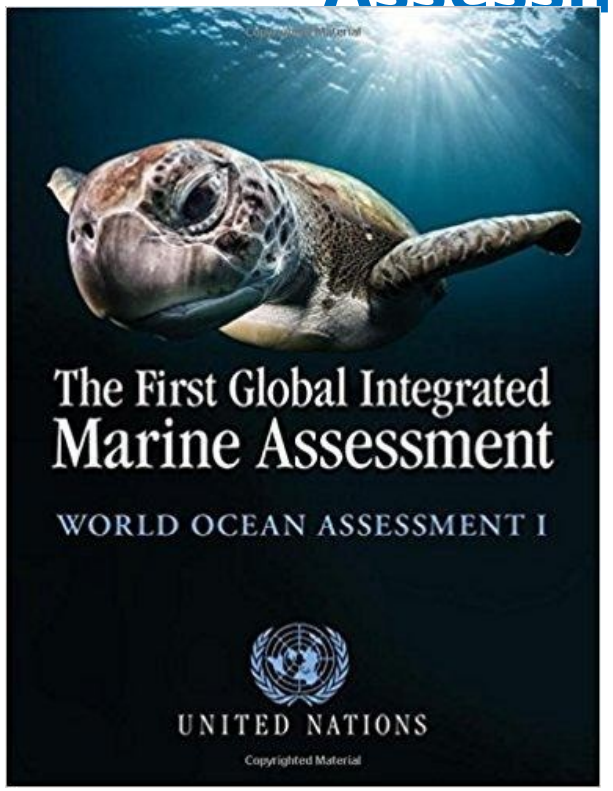
- Clean
- Healthy and resilient
- Productive
- Predictable
- Safe
- Accessible
- Inspiring and engaging

Ocean International Agenda

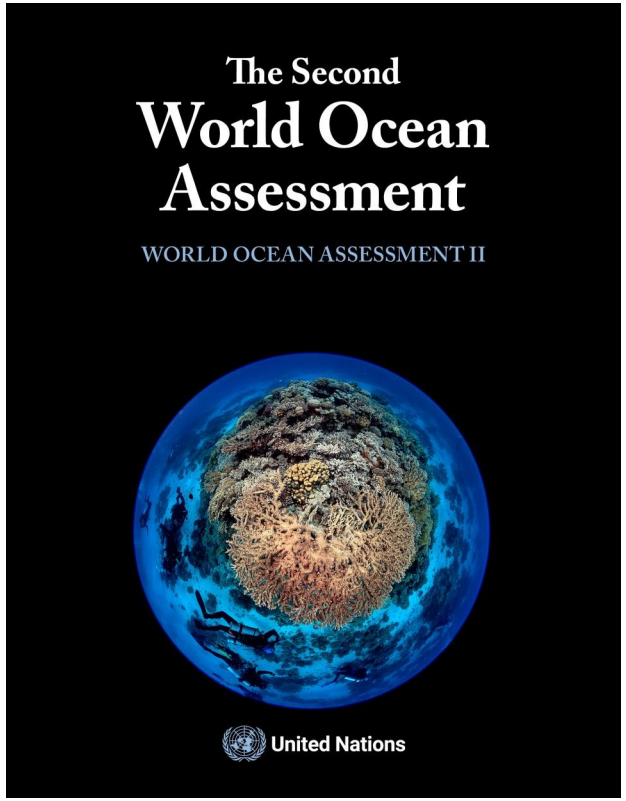
World Ocean Assessments

UNITED NATIONS OCEAN CONFERENCE

New York, 2017
Lisbon, 2022
Nice, 2025



2015



2021

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COP30 BRASIL AMAZÔNIA
BELÉM 2025

MINISTÉRIO DA IGUALDADE RACIAL

GOVERNO DO BRASIL
DO LADO DO POVO BRASILEIRO





Discussions of challenges and opportunities to promote ocean sciences.

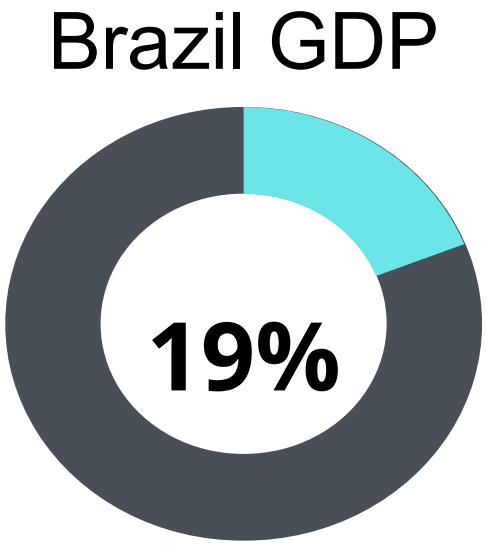
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National importance

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Investiments in Ocean sciences	
World	Brazil
1,7%	0,03%

(Carvalho, 2018; IOC/Unesco, 2022; Seixas et al., 2023)

National Assessment

1ST Brazilian Marine-Coastal Assessment on Biodiversity and Ecosystem Services

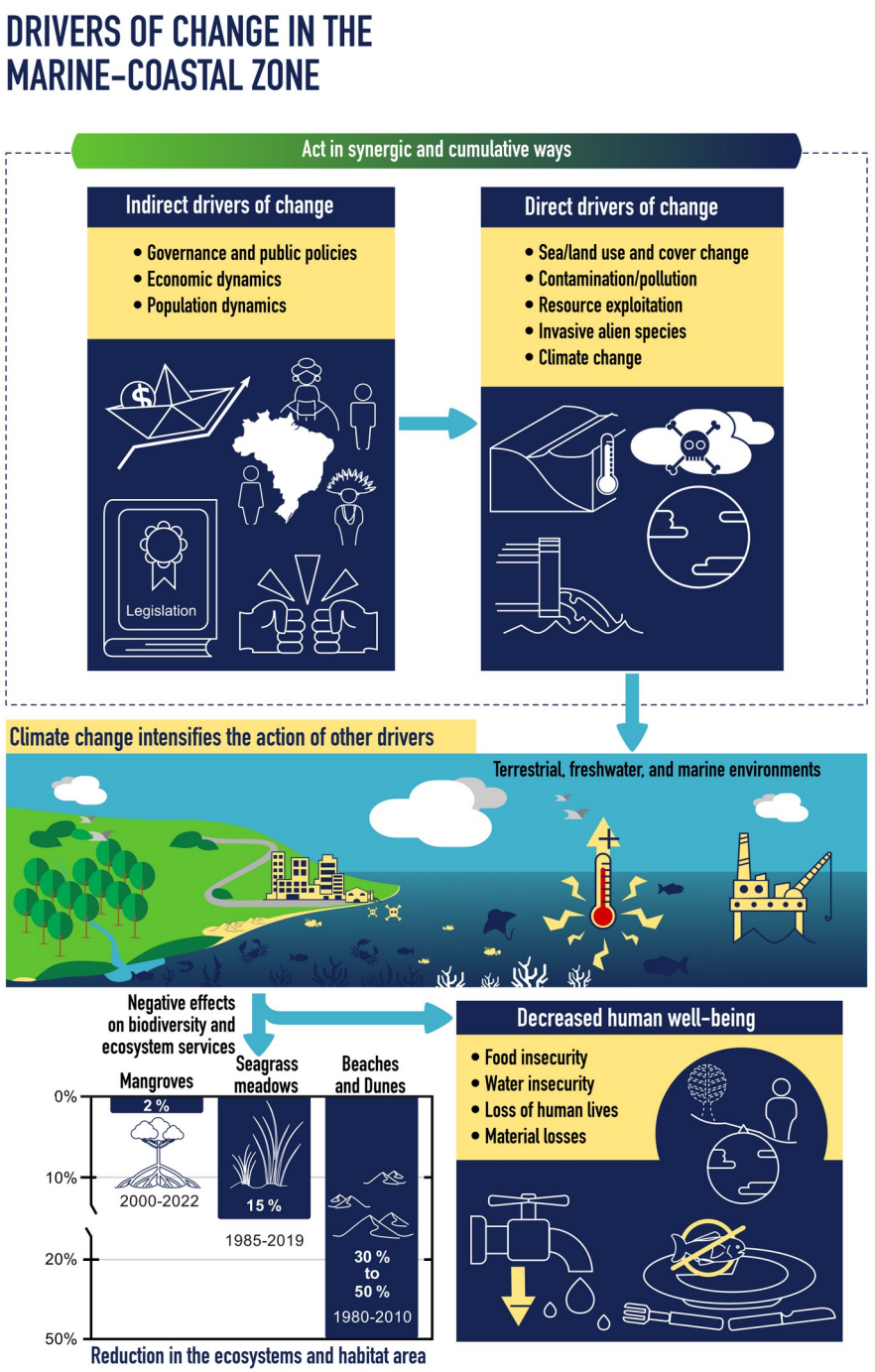




Seixas et al. (2023, 2024)

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Drivers of change in marine-coastal areas of Brazil

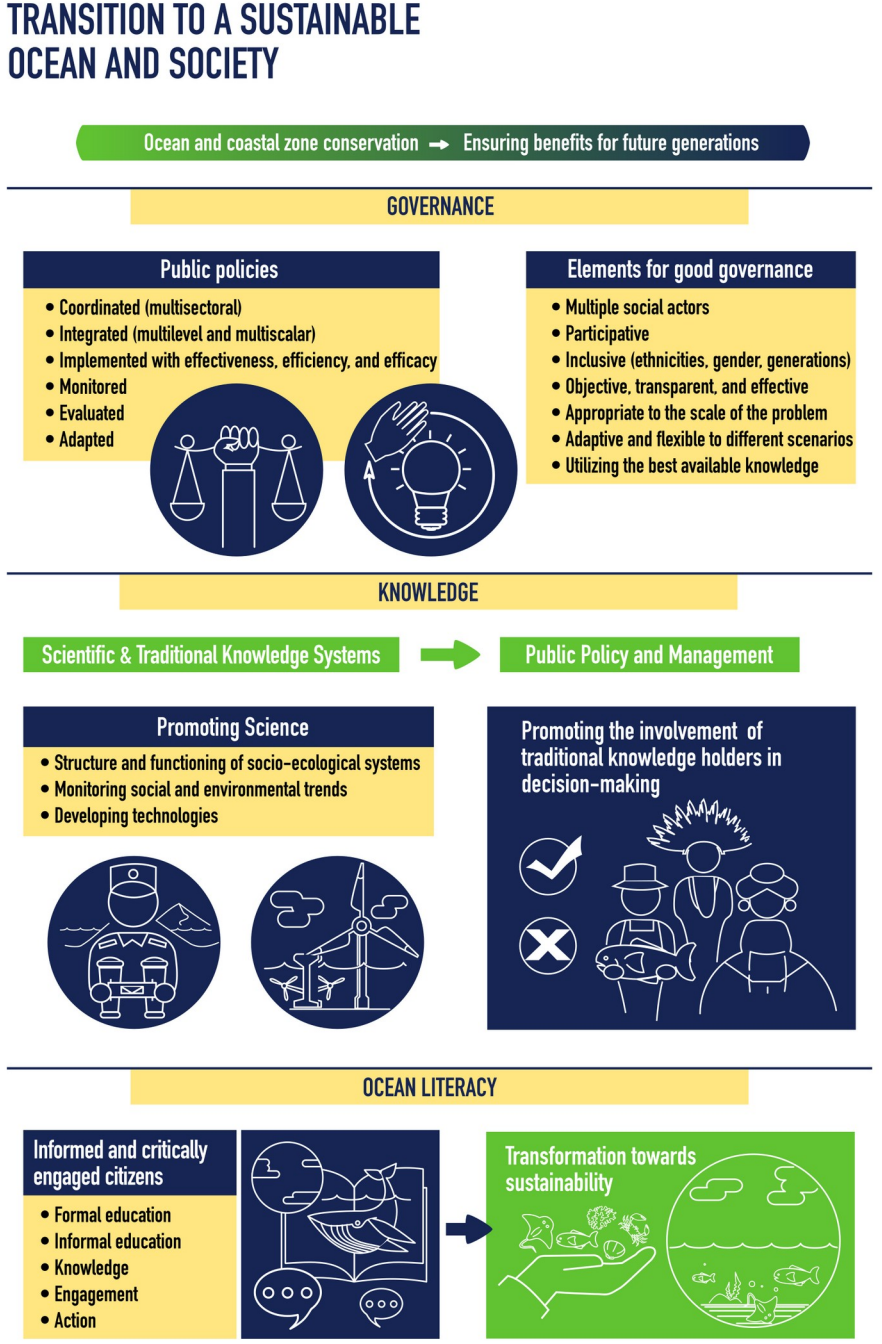


Seixas et al (2023, 2024)

National and local actions

- Transdisciplinary research
- Innovations / Transformative solutions

Seixas et al. (2023, 2024)

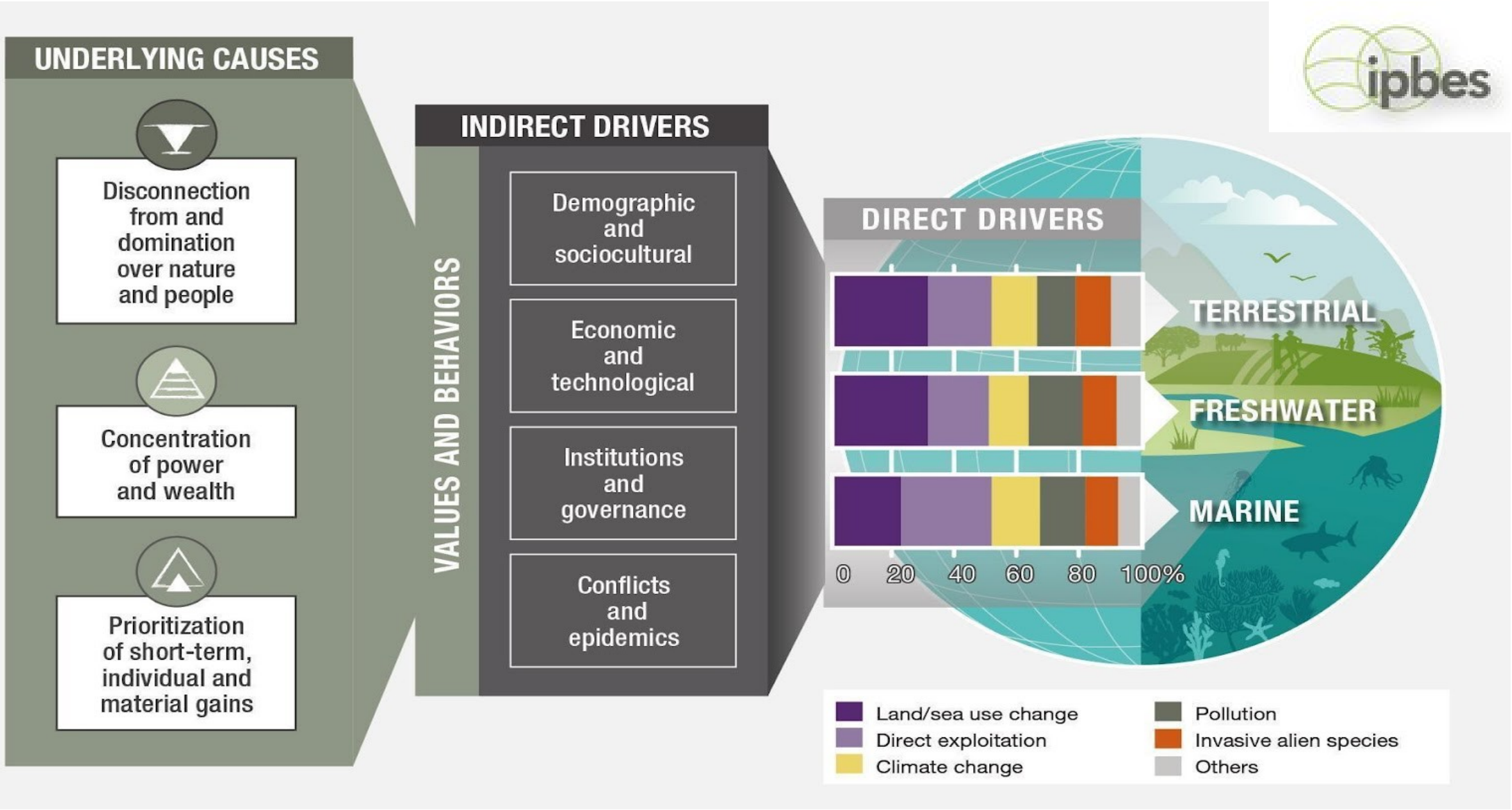


Transdisciplinarity (TD): a ‘new buzz word’…

- TD: new paradigm for moving global environmental change research agenda

  → ‘new’ knowledge for transformations & sustainability

- TD science is often conceived as
  - problem-driven
  - solution-oriented
  - inclusive
  - innovative
- TD research **<u>requires</u>** engaging with target audiences
  - practitioners, decision- and policy-makers, local communities, private-sector, other groups


UNDERLYING CAUSES
Disconnection from and domination over nature and people
Concentration of power and wealth
Prioritization of short-term, individual and material gains
INDIRECT DRIVERS
VALUES AND BEHAVIORS
Demographic and sociocultural
Economic and technological
Institutions and governance
Conflicts and epidemics
DIRECT DRIVERS
0
20
40
60
80
100%
TERRESTRIAL
FRESHWATER
MARINE
Land/sea use change
Direct exploitation
Climate change
Pollution
Invasive alien species
Others

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Lessons from local research actions and transdisciplinarity

TD requires **trust building** and **time**

> 15 years of local research actions

- Coastal communities in Paraty and Ubatuba

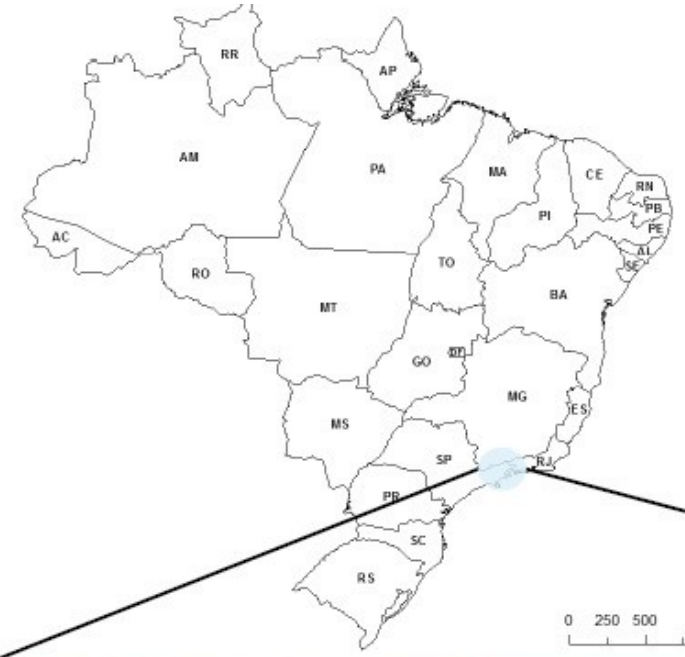
Protected area management

Fisheries monitoring

Fisheries management

Fishing livelihoods and wellbeing

FAPESP 2025/03153-0



Commons Conservation and Management Research Group

conservação e gestão de commons



Transdisdiplinarity requires:

- Co-desiging the research question with Society – time & trust
- Be open to different views, knolwedge and values (not judging them)
- Be creative and inovate in designing data collection, while keeping scientific rigor
- Listen more; talk less → genuine interest
- Learn to be frustrate → realize that you are not able to control all processes
- Emotional inteligence to deal with different values, interests and principles
- Pushing the boundaries of academic and funding institutions

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TRANSDISCIPLINARITY FOR TRANSFORMATIVE CHANGE
São Paulo School of Advanced Science

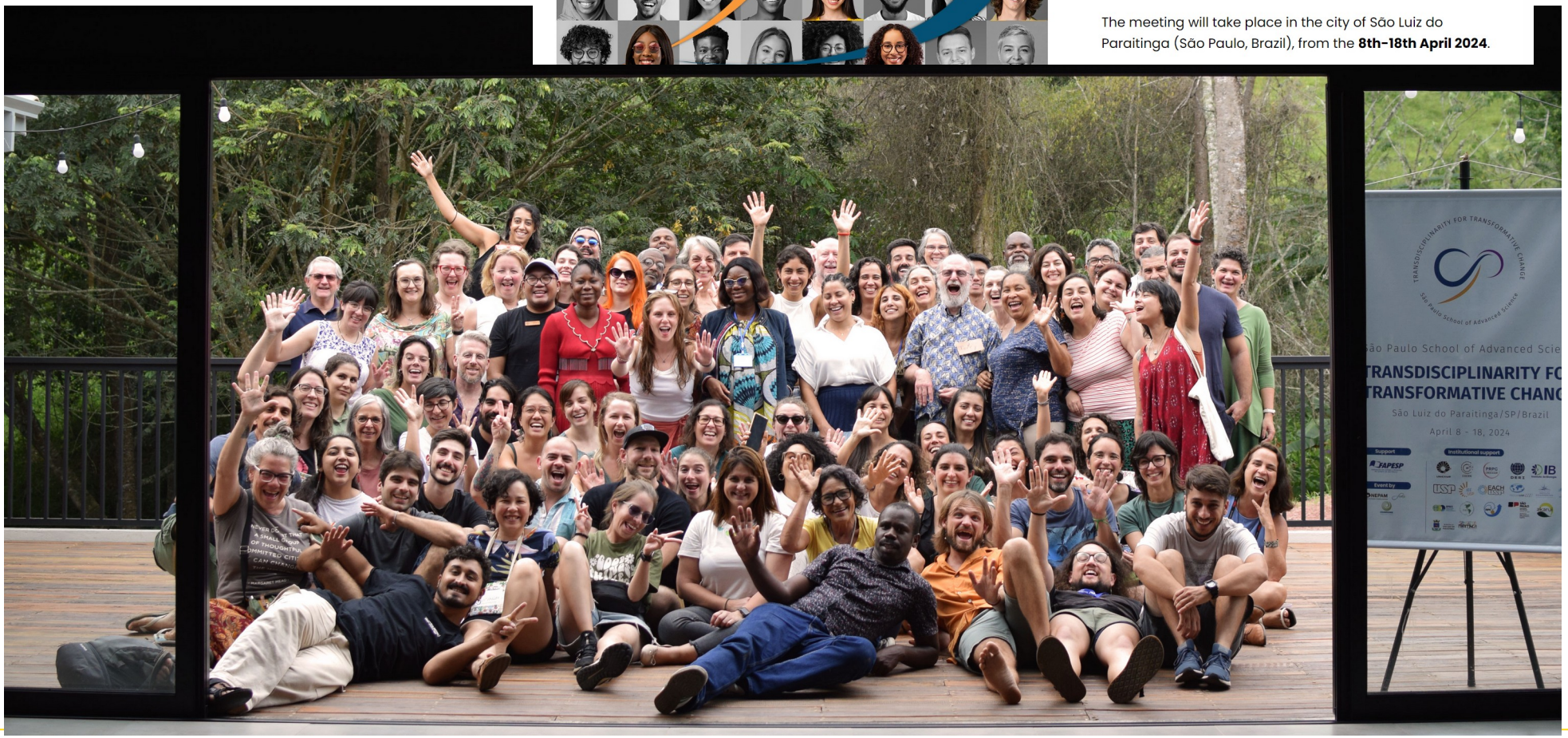
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SÃO PAULO SCHOOL OF ADVANCED SCIENCE ON

Transdisciplinarity for Transformative Change

The meeting will take place in the city of São Luiz do Paraitinga (São Paulo, Brazil), from the **8th–18th April 2024**.



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OCEAN LITERACY
SÃO PAULO SCHOOL OF ADVANCED SCIENCE

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Experiencing the Ocean and honoring traditions – IDRC Proposal submitted





AMBIENTE & SOCIEDADE 25 anos 25 años 25 years

SciELO

Local Messages for a Global Agenda: Highlighting Territories and Justice at COP30

Leandra R. Gonçalves [I]
Vitor Renck [II]
Lara Sartorio [III]
Ingrid Cabral Machado [IV]
Mariana Clauzet [V]
Charbel N. El-Hani [VI]
Cristiana Simão Seixas [VII]

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Obrigada, Gracias, Thank you!