

World Adaptation Science Programme (WASP)

Moving forward on Research Directions

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*making science work
for climate solutions*



WORLD
METEOROLOGICAL
ORGANIZATION



United Nations
Climate Change

ipcc
INTERGOVERNMENTAL PANEL ON
climate change

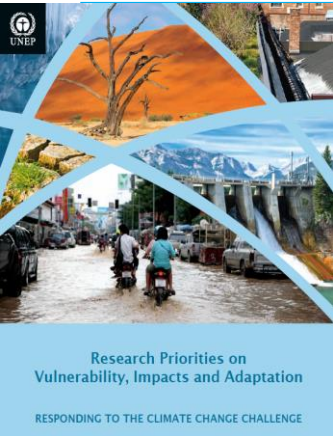


GREEN
CLIMATE
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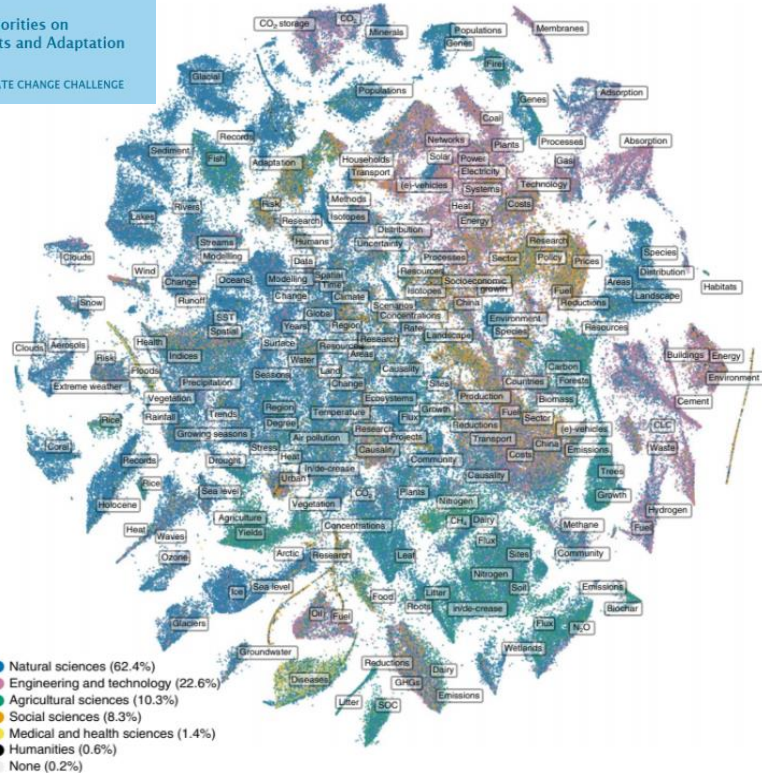


environment
programme

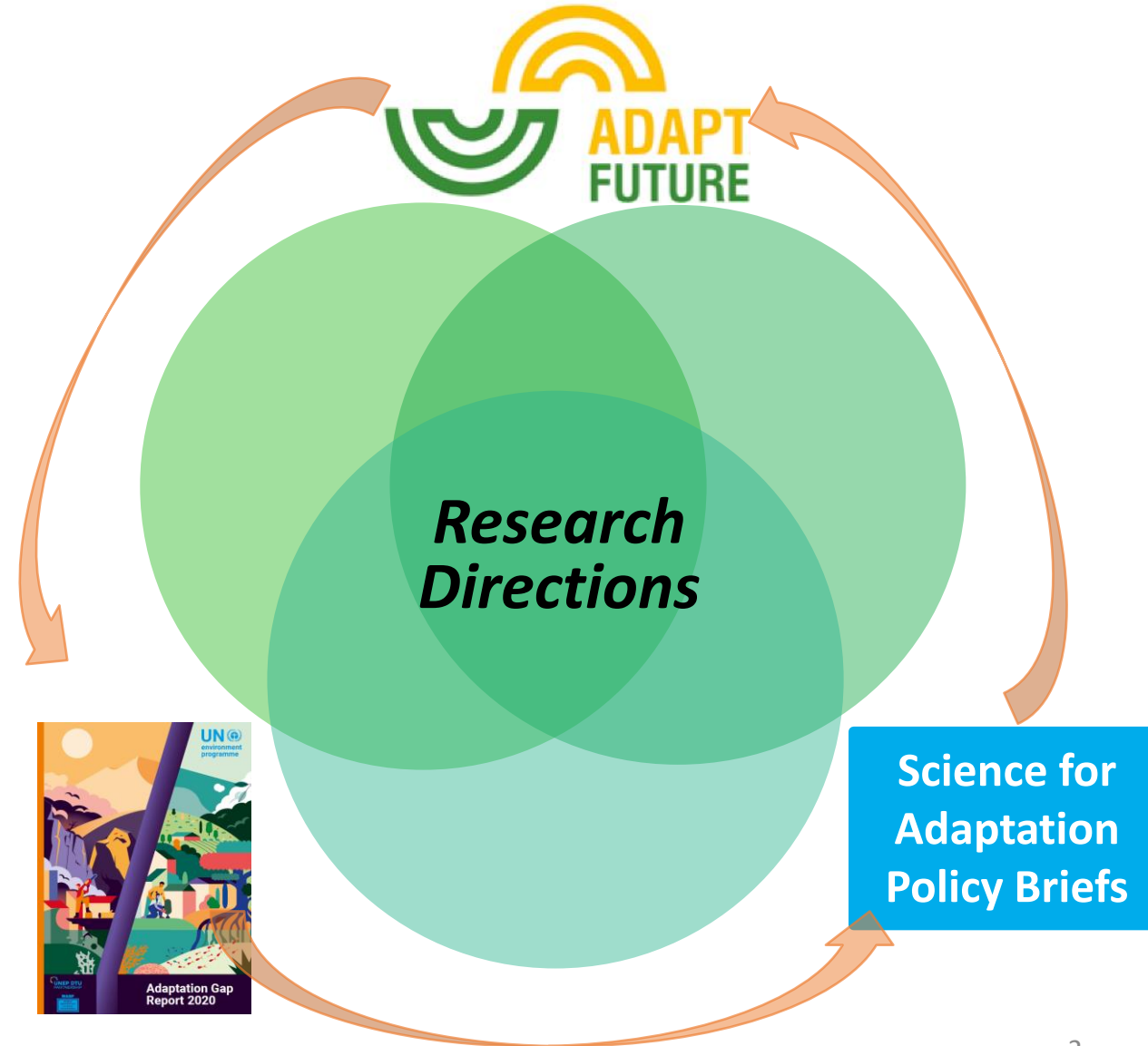
An opportunity to come together



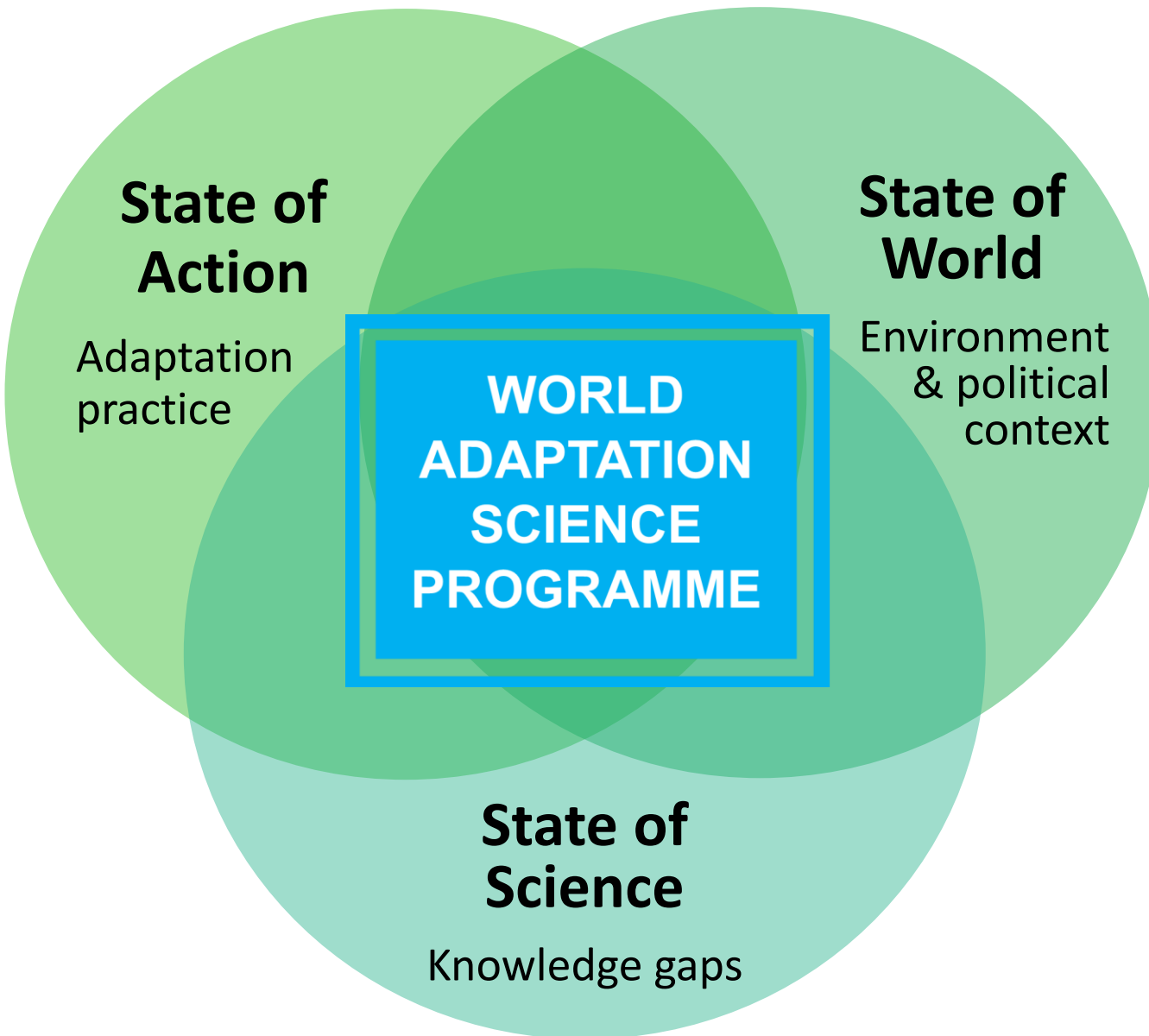
From “priorities” to new dynamic



Callaghan et al. 10.1038/s41558-019-0684-5



Defining our space (demands of adaptation science)



Focus on the intersections!

Signpost “big questions” facing practice & policy (based on recent experience and future potential)

<i>Example Questions</i>	<i>Actor & Knowledge Needed</i>	<i>Purpose – how knowledge would be used</i>
<i>Inform global stocktake</i>	UNFCCC and Parties to assess adaptation	Determine adequacy & remaining gap
<i>Use of climate finance</i>	GCF and funders on effectiveness of different options	Optimize use of funds & assess effectiveness
<i>Address user needs</i>	ARA practitioners to address local demand	Close last mile between science & climate action

SAPB themes towards Learning Agenda

Emerging mega-trends

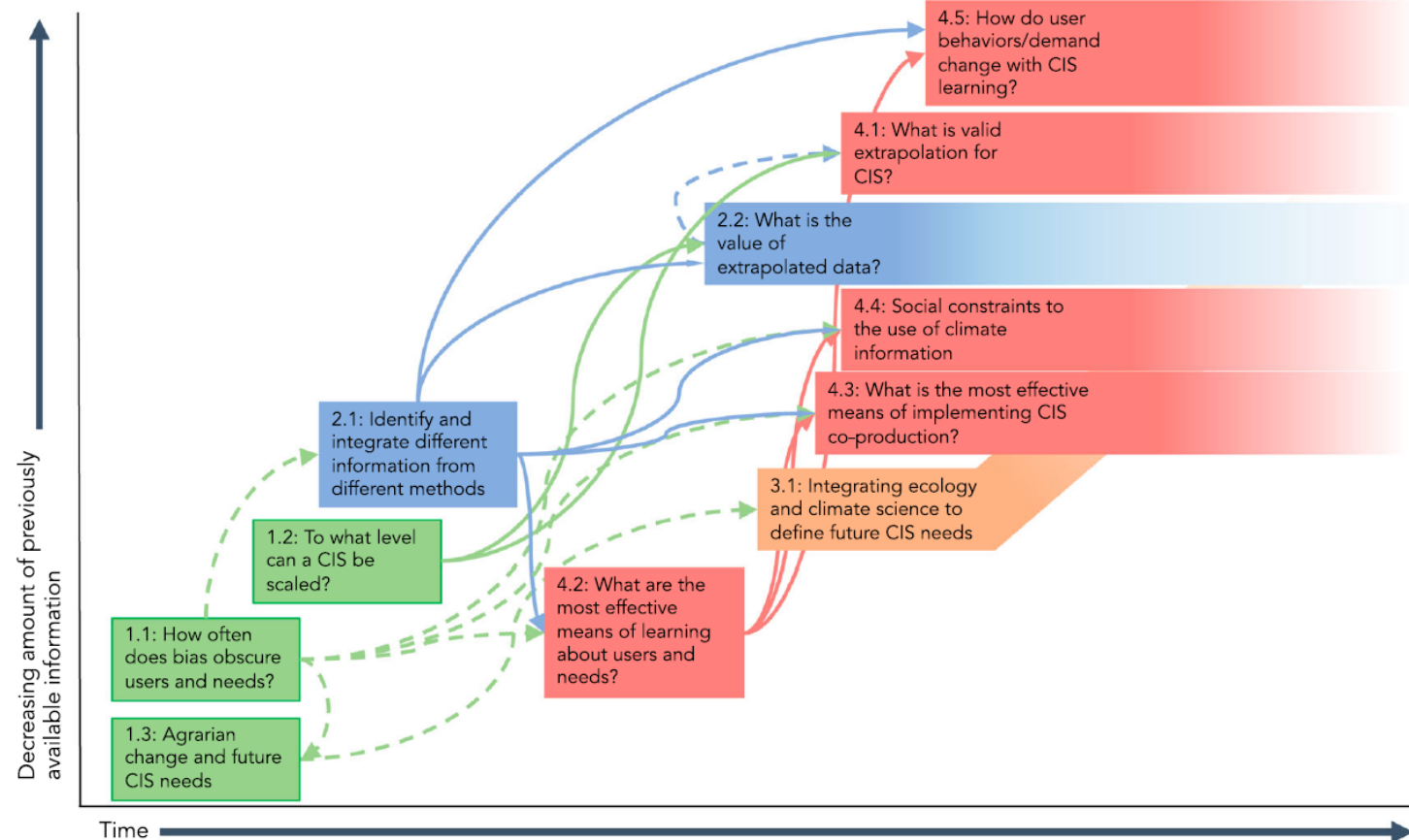
- Exponential growth in science
- Rise of equity & justice

Knowledge gaps

- Adequacy & effectiveness

Resource mobilization

- How to use climate finance
- How to respond to user needs



Example from: Carr et al. 10.1080/17565529.2019.1596061

Engaging our members (expert elicitation / deliberation)



Gather input via online form:

1. Recommend up to 3 readings that captured your attention and “signpost” research direction(s)?
 - Can be peer-reviewed, grey literature, or popular (provide DOI, URL or reference)
 - Provide a sentence describing why you are recommending it
2. From your perspective, what are two important questions facing our field?
 - How would this knowledge be used or how would it be useful?
 - Invite feedback on the existing themes

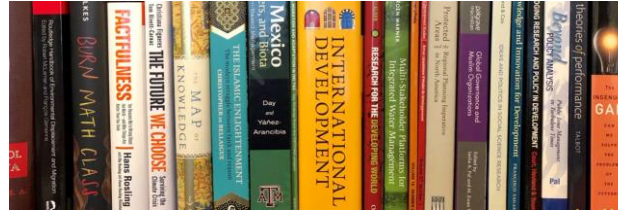
Ask our co-sponsors:

- What do they need to know from Adaptation Science?
- What would that knowledge enable them to do?

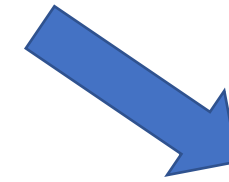
Potential next steps & products



- Feedback from co-chairs
- Gather input from members
- **Consolidate inputs**
 - Deliberate & construct learning agenda
 - *Option*: take stock of how field evolved since 2011



**UN CLIMATE
CHANGE
CONFERENCE
UK 2021**
IN PARTNERSHIP WITH ITALY



- Peer-reviewed **journal** - commentary or viewpoint
- **Adaptation Futures Outcome**
 - Content and opportunities identified thru conference
- Research Directions to **COP26**
 - Prepare brief or workshop

Some recent ideas on where to go from here?

- New reality of a pandemic world
 - Connecting COVID-19 response and recovery to longer-term adaptation & resilience building
- Climate change impacts increasingly visible
 - Urgency of scaling and accelerating actions for adaptation and resilience
- New technologies reshaping lives, livelihoods and creating new opportunities
 - Building foresight and understanding of new technologies: AI, blockchain, regenerative approaches
- Need to rethink research, action and research – action linkages
 - Focus on action-oriented, user-centered research
 - Learning-by-doing and learning-while-doing
 - Tightening research – implementation loops – intervening at scale, rather than scaling from pilots
- Implications for the role of WASP
 - Respond to emerging context
 - New structure and activities