

CLIMATE RESILIENT DEVELOPMENT PATHWAYS

Spotlighting risks and contexts including tropical fire, forests, hazards, water scarcity, blue carbon, agriculture, and governance lessons towards socially-just and climate resilient development.

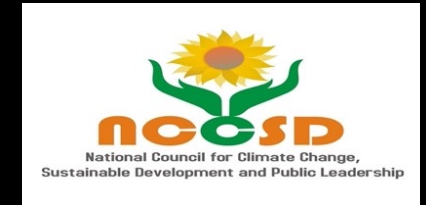
TIME: 16:45 – 18:15 (Egypt, GMT+2)

DATE: Wednesday 9th

VENUE: Thebes | Room 7

SPEAKERS: Mark Tebboth (UEA), Kirit Shelat (NCCSD), Rachel Carmenta (UEA), Daniel Murdiyarso (ICRAF-CIFOR), Margaret Angula (UNam), Vishwanath Sadamate, Imelda Bacudo (GACSA), Santiago Alba-Corral (IDRC), Thuy Thu Pham (CIFOR-ICRAF)

LIVE STREAM: <https://cutt.ly/IN2Gn9s>



CLIMATE RESILIENT DEVELOPMENT PATHWAYS

Climate Resilient Development and Climate Resilient Development Pathways have emerged as a key framing through which we seek to marry progress on climate mitigation and adaptation with sustainable development.

In this session, we explore these concepts and the challenges and opportunities they provide as we seek to achieve socially-just and climate resilient development. We draw on examples from across Africa and Asia including tropical fire, forests, hazards, water scarcity, blue carbon, and agriculture.

CURRENT STATE AND FUTURE TRAJECTORY

There is a rapidly narrowing window of opportunity to enable climate resilient development

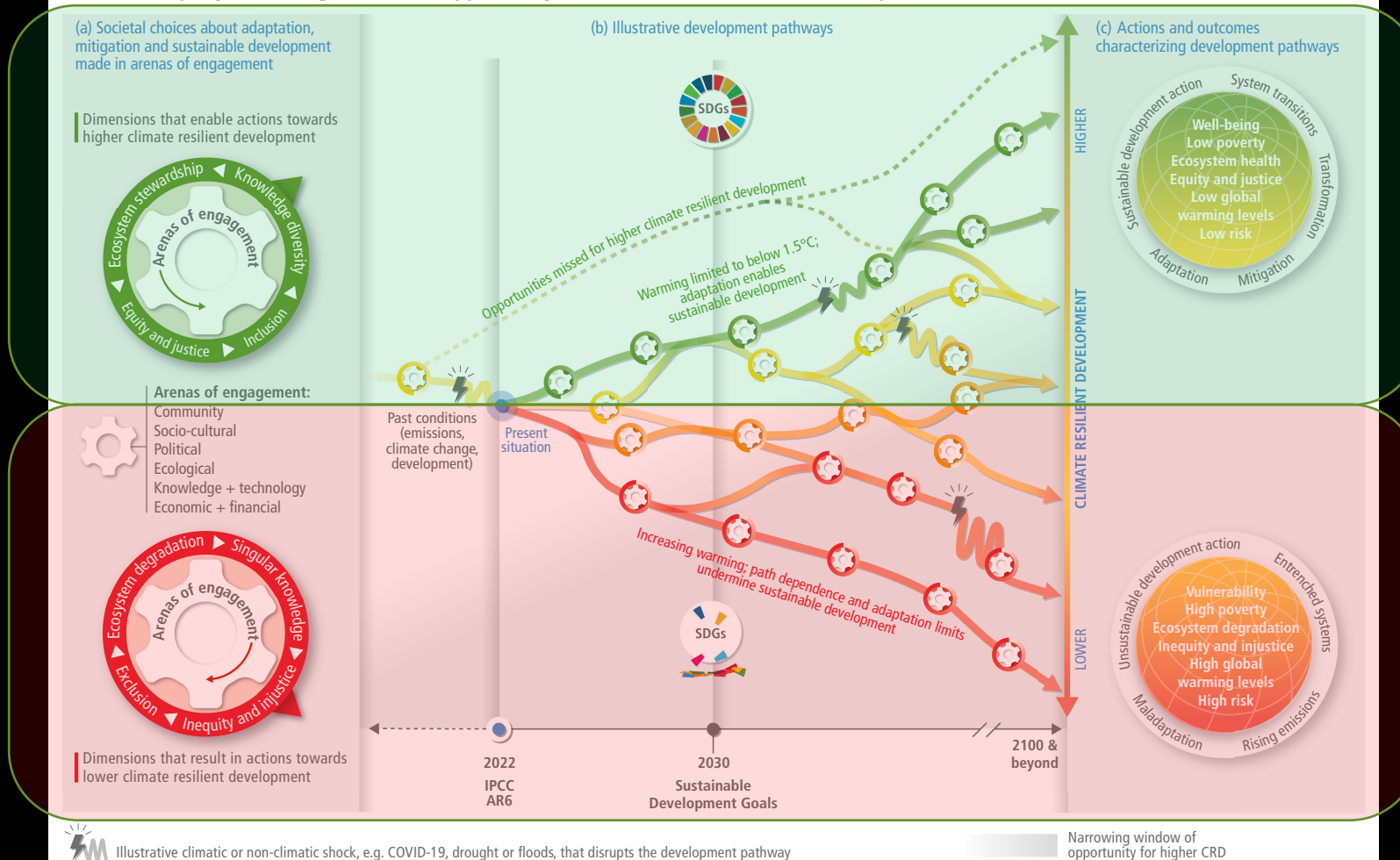
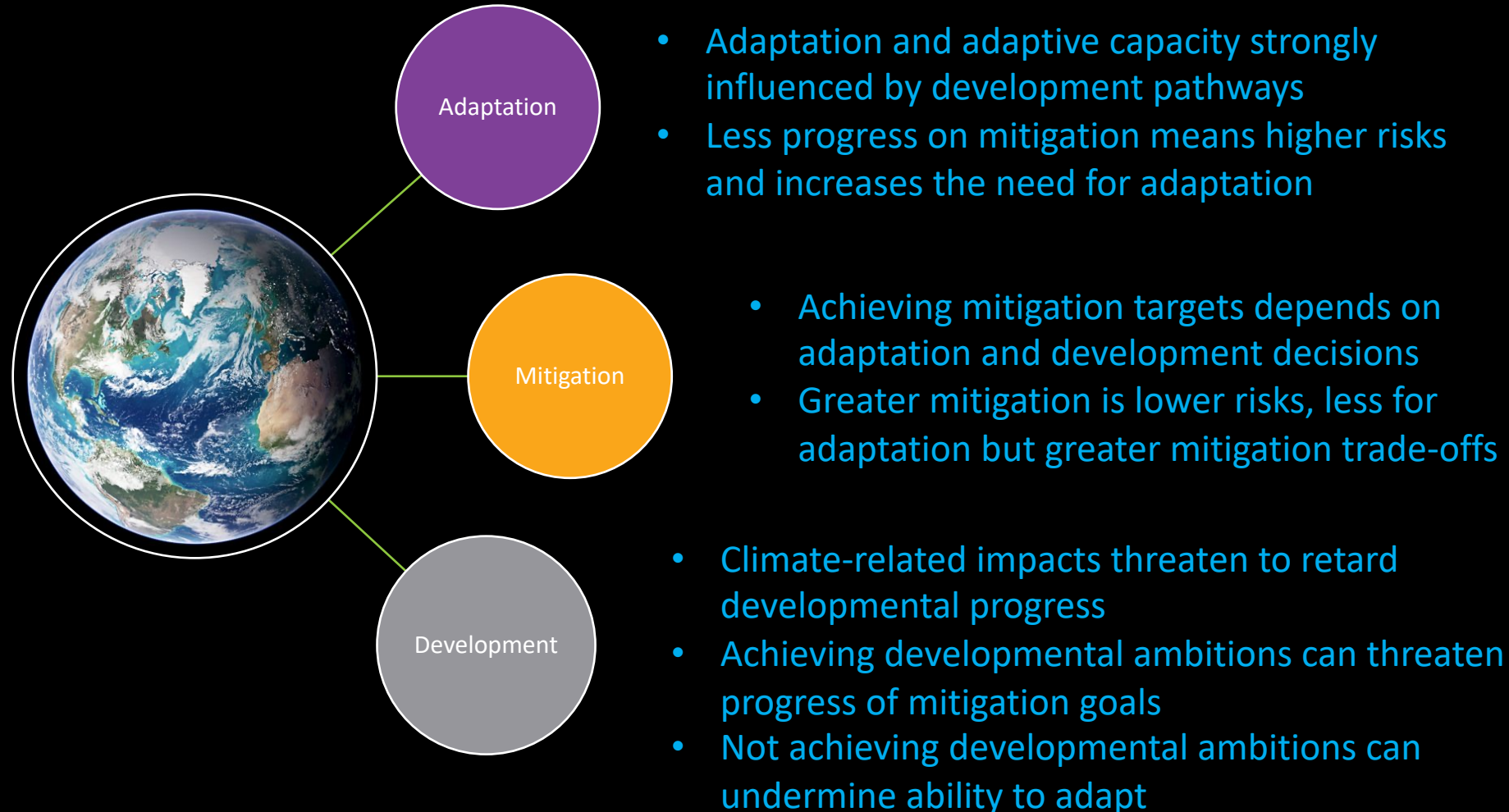


Figure 18.1 | Climate Resilient Development Pathways are development trajectories that successfully integrate GHG mitigation and adaptation efforts to support sustainable development for all.

DEEP AND EXTENSIVE LINKS BETWEEN CLIMATE AND SUSTAINABLE DEVELOPMENT

Tyndall°Centre ²¹years
for Climate Change Research

UEA
University of East Anglia



DEEP AND EXTENSIVE LINKS BETWEEN CLIMATE AND SUSTAINABLE DEVELOPMENT

Adaptation

Development

FALLACY OF SEEING THESE ISSUES IN ISOLATION; WE NEED DELIVER ACTION THAT RECOGNISES CLIMATE AS ONE OF MANY DYNAMICS – SOCIAL, CULTURAL, ECONOMIC, ENVIRONMENTAL, POLITICAL – THAT ARE MANIFESTING RELATIVELY RAPIDLY ACROSS THE GLOBE

- Adaptation and development decisions influence each other
- Development decisions that get depends on development decisions
- Mitigation is lower risks, less for adaptation but greater mitigation trade-offs
- Climate-related impacts threaten to retard developmental progress
- Achieving developmental ambitions can threaten progress of mitigation goals
- Not achieving developmental ambitions can undermine ability to adapt

CLIMATE RESILIENT DEVELOPMENT (CRD) PATHWAYS

Climate Resilient Development and Climate Resilient Development Pathways are a key framing in past two Assessment Reports

2022 IPCC WGII Chapter 18 defines CRD as ‘a process of implementing greenhouse gas mitigation and adaptation measures to support sustainable development for all’.

This growing field of research has been similarly accompanied by a shift in the policy context that seeks to better align climate mitigation and adaptation actions with developmental goals (Fankhauser and McDermott, 2016)

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Climate-Resilient Pathways:
Adaptation, Mitigation, and
Sustainable Development

Coordinating Lead Authors: E. Lisa F. Schipper (Sweden/UK), Aromar Revi (India), Benjamin L. Preston (Australia/USA)

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Climate Resilient
Development Pathways

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Schipper, E.L.F., A. Revi, B.L. Preston, E.R. Carr, S.H. Eriksen, L.R. Fernandez-Carri, B.C. Glavovic, N.J.M. Hilmi, D. Ley, R. Mukerji, M.S. Muylaert de Araujo, R. Perez, S.K. Rose, and P.K. Singh, 2022: Climate Resilient Development Pathways. In: Climate Change 2022: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [H.-O. Pörtner, D.C. Roberts, M. Tignor, E.S. Poloczanska, K. Minnenbeck, A. Alegria, M. Craig, S. Langsdorf, S. Löschke, V. Möller, A. Oken, B. Rama (eds.)]. Cambridge University Press, Cambridge, UK and New York, NY, USA, pp. 2655–2807, doi:10.1017/978100925844.027.

KEY UNCERTAINTIES AND OPPORTUNITIES FOR CRDPs

Embryonic knowledge: what we know about CRD and the most optimal CRDPs is limited

Our world is complex: trade-offs and synergies that arise from looking at adaptation, mitigation and development together poorly addressed

Short-term thinking: our way of doing things tends to favour short-term cycles of attentiveness and action at the cost of longer-term change

Foregrounding justice and equity: Distributional issues are difficult (impossible) to overcome and universal wins rarely (if at all?) stand up to sustained examination

Integrating responses: Strong interdependence (+/-) between patterns of development, climate risk, and the demand for mitigation and adaptation action