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**Vom AR5 zum AR6
Arbeitsgruppe 2
Folgen des Klimawandels und Anpassungsstrategien**

A group of people, including children and adults, are engaged in planting mangrove saplings in a shallow, turquoise body of water. The scene is set against a backdrop of a cloudy sky and a distant shoreline with trees. The water is clear, and the saplings are being planted in rows. A woman in a blue shirt is in the foreground, and a man in a red shirt and a straw hat is on the right, holding a long pole. A child in a yellow shirt is bent over, planting a sapling. Other people are visible in the background, some holding saplings and others observing.

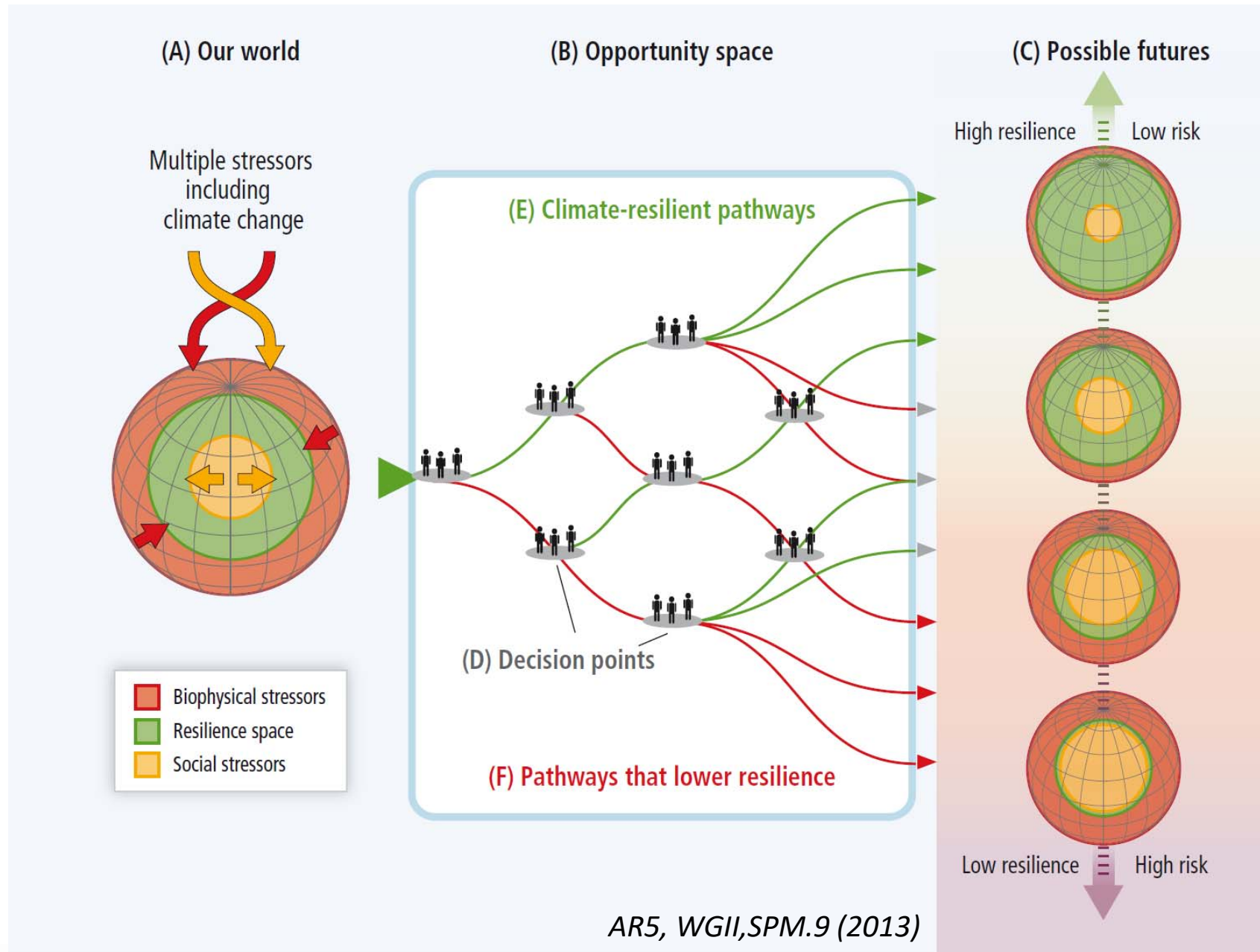
ipcc

INTERGOVERNMENTAL PANEL ON climate change

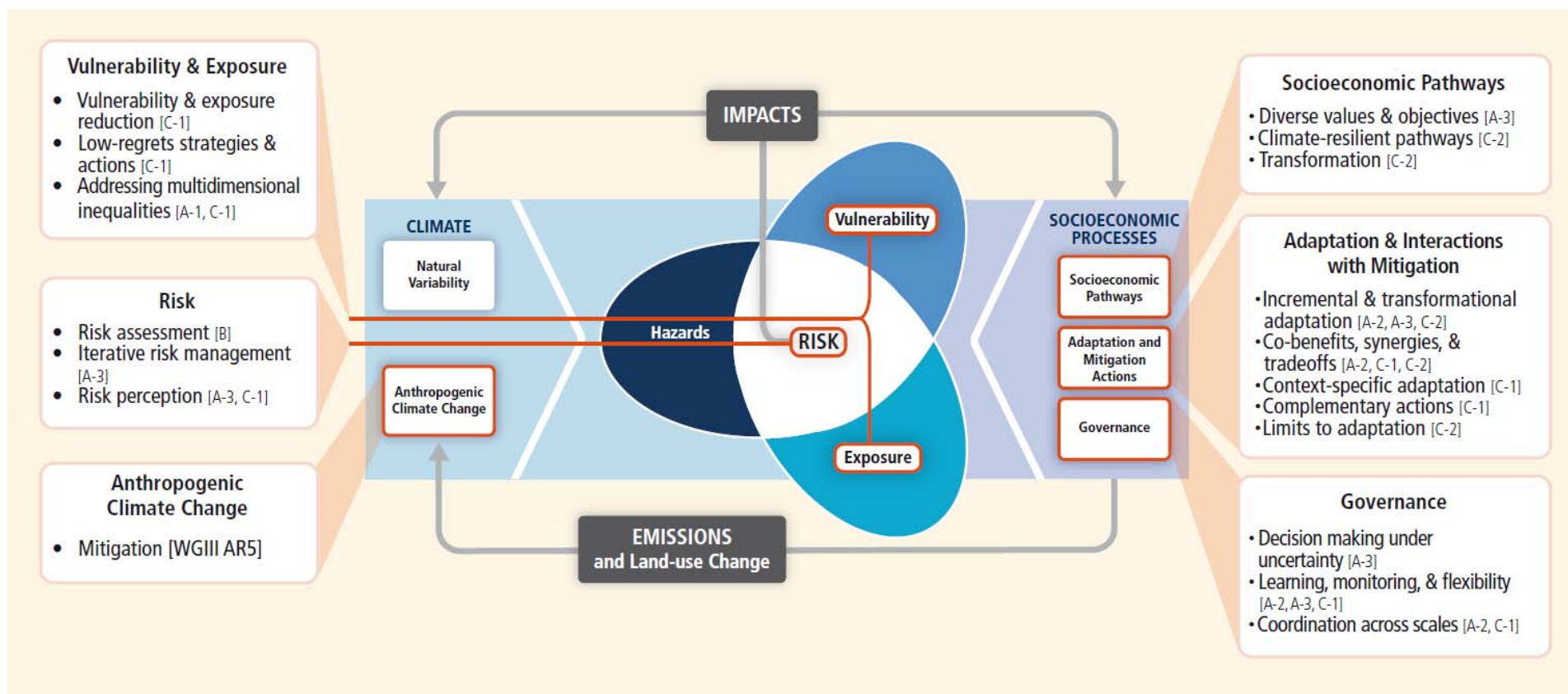
CLIMATE CHANGE 2014

Impacts, Adaptation, and Vulnerability

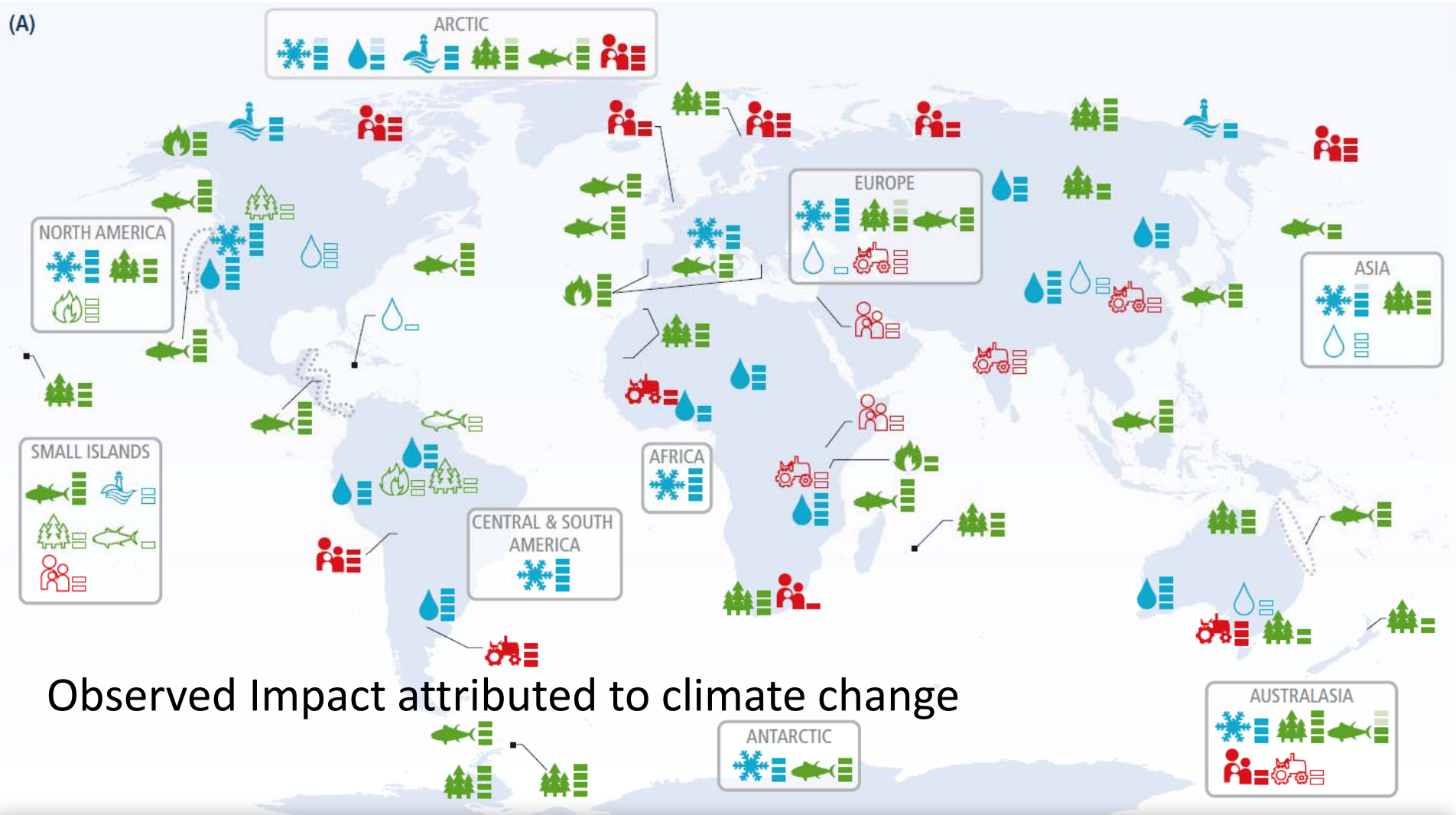
Summary for Policymakers



The solution space. Core concepts of the WGII AR5



AR5, WGII, SPM.8 (2013)



Observed Impact attributed to climate change

Confidence in attribution to climate change

- very low - low - med - high - very high
 [] indicates confidence range

Observed impacts attributed to climate change for

<p>Physical systems</p> <ul style="list-style-type: none"> Glaciers, snow, ice, and/or permafrost Rivers, lakes, floods, and/or drought Coastal erosion and/or sea level effects 	<p>Biological systems</p> <ul style="list-style-type: none"> Terrestrial ecosystems Wildfire Marine ecosystems 	<p>Human and managed systems</p> <ul style="list-style-type: none"> Food production Livelihoods, health, and/or economics 	<p>Regional-scale impacts</p>
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AR5, WGII, SPM.2 (2013)

Outlined symbols = Minor contribution of climate change
 Filled symbols = Major contribution of climate change

AR5 WGII (30 Chapters)

- Context for the AR5 (2 Chs)

Sectoral

- Natural and Managed Resources and Systems, and Their Uses (5 Chs)
- Human Settlements, Industry, and Infrastructure (3 Chs)
- Human Health, Well-Being, and Security (3 Chs)
- Adaptation (4 Chs)
- Multi-Sector Impacts, Risks, Vulnerabilities, and Opportunities (3 Chs)

Reginal

- Regions (10 Chs)

- FAQs and Cross Chapter Boxes

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AR6 WGII

WGII Co-Chairs

IPCC Working II Co-Chairs Hans-Otto Pörtner (Germany) and Debra Roberts (South Africa) during the IPCC Side Event at the UNFCCC COP-22 in Marrakech, Morocco



<http://www.ipcc-wg2.awi.de>

AR6

3 Special Reports

These are materials that provide an assessment of a specific issue and generally follow the same structure as a volume of an Assessment Report

- Special Report on Global Warming of 1.5 °C (SR15) *(10/18)*
- Special Report on the Ocean and Cryosphere in a Changing Climate (SROCC) *(09/19)*
- Special Report on Climate Change and Land (SRCCL) *(09/19)*

AR6 WGII (18 Chapters)

Ch. 1: Point of departure and key concepts [30 pages]

- **Changing policy context** (including UNFCCC, Paris Agreement and Global Stocktake, SDGs, etc.); AR5 and SR findings and critical messages, goals of this report

SECTION 1: Risks, adaptation and sustainability for systems impacted by climate change

Ch. 2: Terrestrial and freshwater ecosystems and their services [60 pp]

Ch. 3: Ocean and coastal ecosystems and their services [60 pages]

Ch. 4: Water [60 pages]

Ch. 5: Food, fibre, and other ecosystem products [60 pages]

Ch. 6: Cities, settlements and key infrastructure [60 pages]

Ch. 7: Health, wellbeing and the changing structure of communities [50]

Ch. 8: Poverty, livelihoods and sustainable development [60 pages]

AR6 WGII (18 Chapters)

SECTION 2: Regions

Common elements across all *regional* chapters

Chapter 9: Africa [50 pages]

Chapter 10: Asia [50 pages]

Chapter 11: Australasia [30 pages]

Chapter 12: Central and South America [50 pages]

Chapter 13: Europe [40 pages]

Chapter 14: North America [40 pages]

Chapter 15: Small Islands [30 pages]

AR6 WGII (18 Chapters)

SECTION 2: Regions

CROSS-CHAPTER PAPERS* (with material for TS/SPM as appropriate)

- Biodiversity hotspots (land, coasts and oceans) [10 pages]
- Cities and settlements by the sea [10 pages]
- Deserts, semi-arid areas, and desertification [10 pages]
- Mediterranean region [10 pages]
- Mountains [15 pages]
- Polar regions [15 pages]
- Tropical forests [10 pages]

* Originally Cross Chapter Boxes

AR6 WGII (18 Chapters)

SECTION 3: Sustainable development pathways: integrating adaptation and mitigation

Chapter 16: Key risks across sectors and regions [40 pages]

Chapter 17: Decision-making options for managing risk [40 pages]

Chapter 18: Climate resilient development pathways* [40 pages]

ANNEX I: Regional Atlas

AR6 WGII time line

- 15 September – 27 October 2017 Call for nominations of Coordinating Lead Authors, Lead Authors and Review Editors
- 29 January – 4 February 2018 Selection of Authors
- **21–25 January 2019 First Lead Authors Meeting**
- **8–12 July 2019 Second Lead Authors Meeting**
- 21 October – 16 December 2019 Expert Review of the First Order Draft
- **27–31 January 2020 Third Lead Authors Meeting**
- 7 August – 2 October 2020 Expert and Government Review of the Second Order Draft
- **2–7 November 2020 Fourth Lead Authors Meeting**
- 11 June – 6 August 2021 Final Government Distribution of the Final Draft and Final Government Review of the Summary for Policymakers
- **4 – 8 October 2021 IPCC approval of the Summary for Policymakers and acceptance of the underlying Report**