



Climate Change and the Fisheries and Aquaculture Sector

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Why and What for?



- © **2015 Paris Agreement** includes a long-term adaptation goal, *in a manner that does not threaten food production*, alongside mitigation goals
- © **87 Nationally Determined Contributions (NDCs)** already address fisheries and aquaculture, and need to be updated by 2020 with detailed activities matching ambition
- © **Technical paper:** provides up-to-date information on the disaggregated impacts of climate change in the sector, **to facilitate NDC implementation by countries and the development of National Adaptation Plans**



Why and What for?

Agenda 2030 – Sustainable Development Goals

Climate Change and its impact on the work and activities of FAO

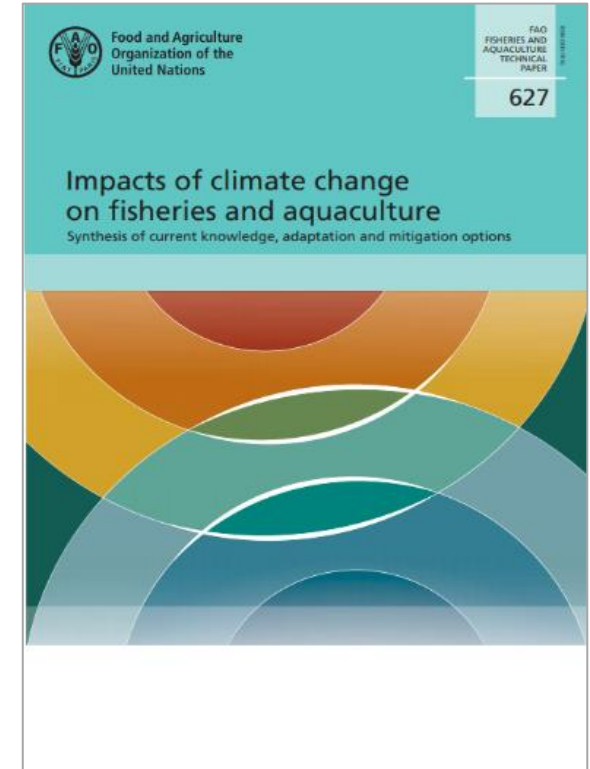
**WE CANNOT ATTAIN
ZERO HUNGER
WITHOUT TACKLING
CLIMATE CHANGE**





Main areas of climate work

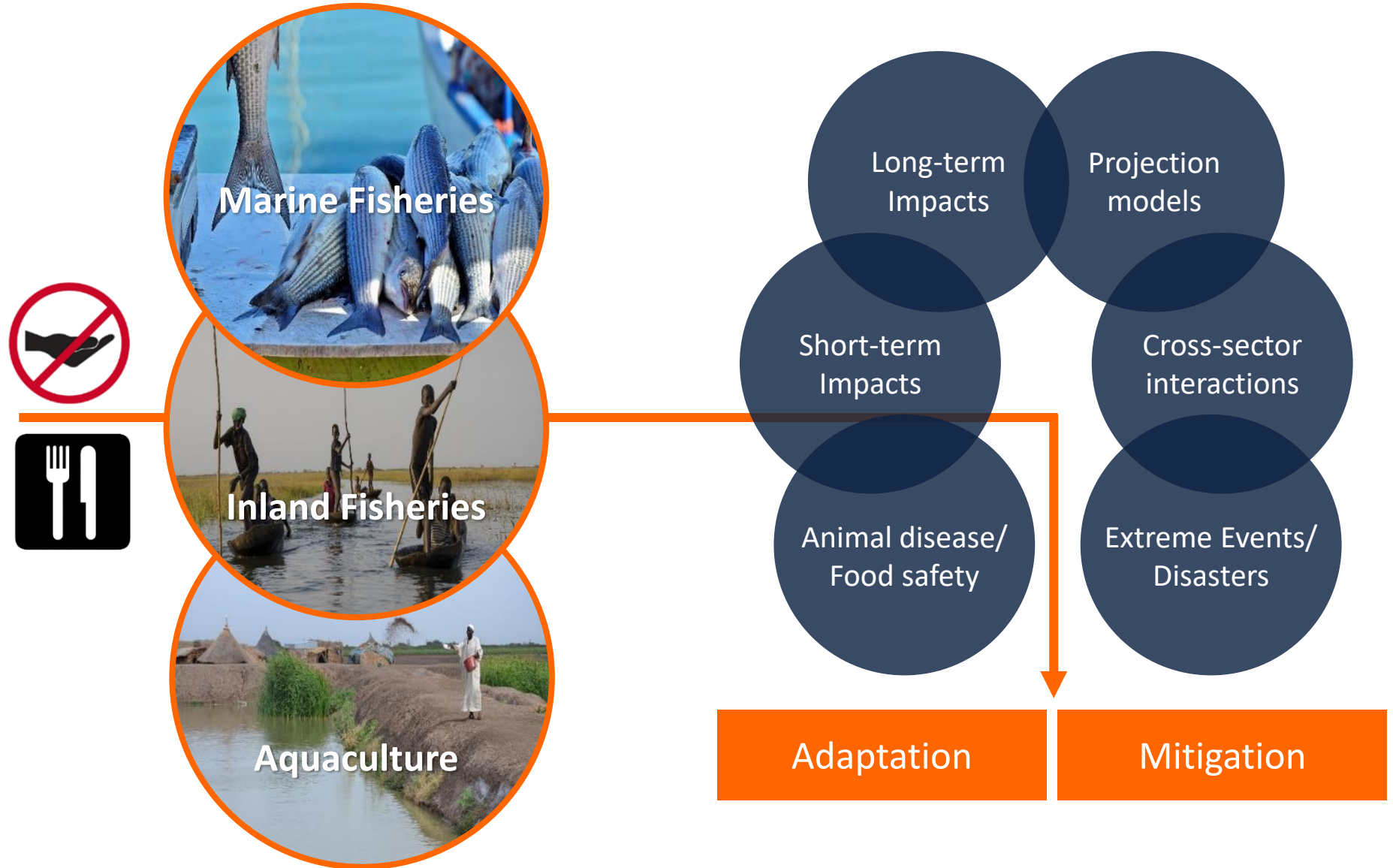
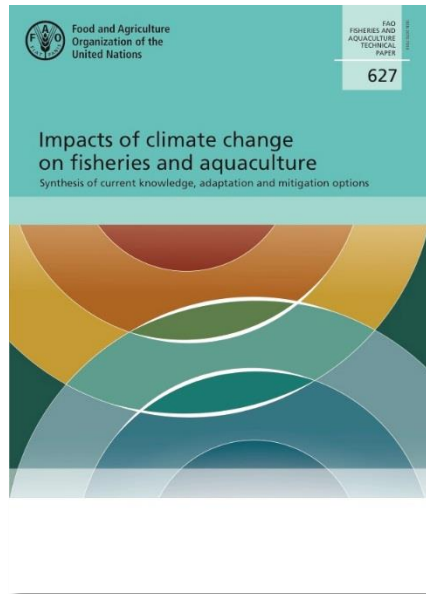
- Strengthen the **knowledge base on climate change impacts, adaptation responses & mitigation** and **guidance for policy development**
- Develop and implement **projects on the ground** in collaboration with governments and involvement of local communities to reduce **vulnerability** of fishing and fish-farming communities to climate change and natural disasters
- Address fisheries and aquaculture in **cross-sectoral** and **global** climate change discussions



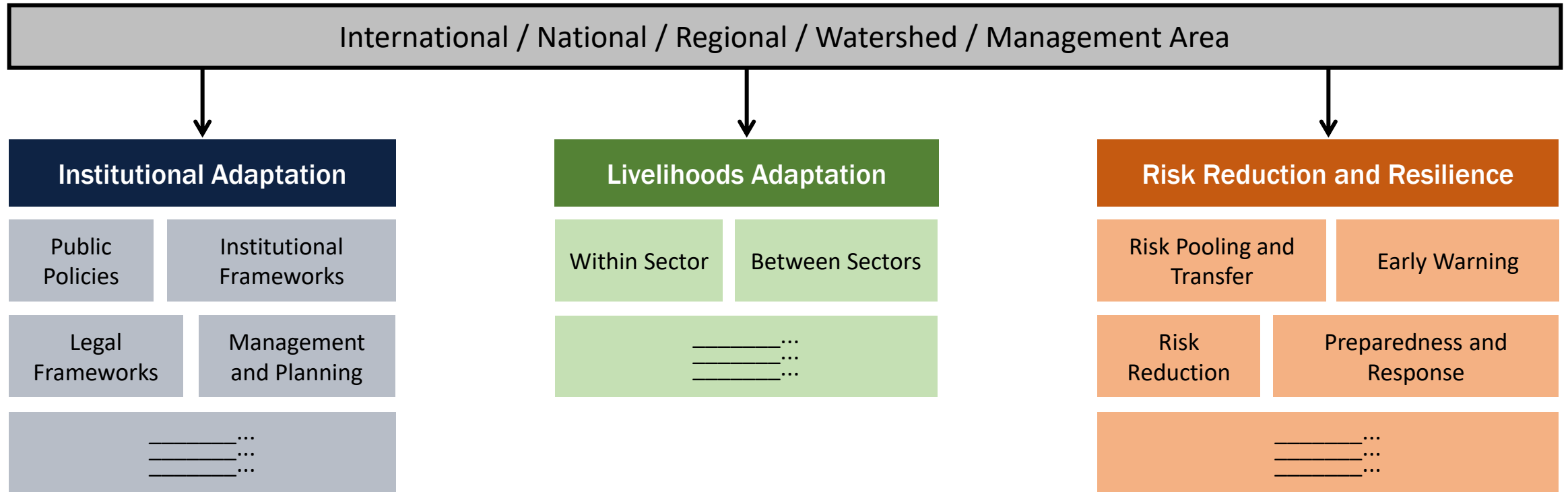
**CC impacts & adaptation/
mitigation options**

<https://www.fao.org/3/i9705en/i9705en.pdf>

Impacts of CC on Fisheries and Aquaculture



Adaptation Toolbox



- ⦿ Adaptation is placed and context based
- ⦿ Adaptation should be viewed as an on-going and iterative process
- ⦿ Evaluations of success are necessary and often missing from adaptation studies
- ⦿ Transboundary issues need to be considered when developing an adaptation strategy

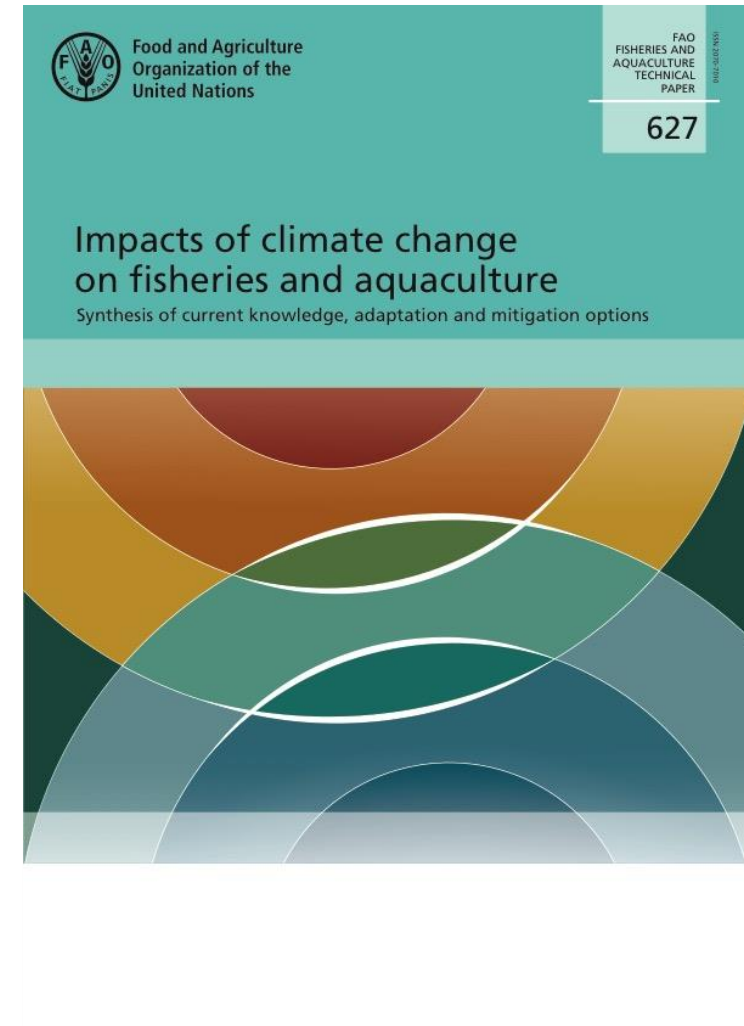
How to use the Report

A Blueprint for:

- ⦿ Nationally Determined Contributions (NDCs)
- ⦿ National Adaptation Plans
- ⦿ Green Climate Fund Projects
- ⦿ Global Environmental Facility Field Programmes
- ⦿ Country advice and support
- ⦿ Unique source of Sector-based information

Thanks to:

- ⦿ Government of Japan through the FAO Trust Fund GCP/INT/228/JPN
- ⦿ FAO Strategic Programmes SP1, SP3 and SP5 and
- ⦿ Fisheries and Aquaculture and Climate, Biodiversity, Land and Water Departments
- ⦿ Contributions from >100 Authors / > 50 Reviewers





Food and Agriculture Organization
of the United Nations

COFI DECLARATION

2021 COFI Declaration for Sustainable Fisheries and Aquaculture

Languages:

EN, AR, ES, FR, RU, ZH

January 2021

COFI/2020/2.3



联合国
粮食及
农业组织

Food and Agriculture
Organization of the
United Nations

Organisation des Nations
Unies pour l'alimentation
et l'agriculture

Продовольственная и
сельскохозяйственная
организация
Объединённых Наций

Organización de las
Naciones Unidas para la
Alimentación y la Agricultura

منظمة
الأمم المتحدة
للغذاء والزراعة

COMMITTEE ON FISHERIES

Thirty-fourth Session

1–5 February 2021

**2021 COFI DECLARATION FOR SUSTAINABLE
FISHERIES AND AQUACULTURE**

Suggested action by the Committee

The Committee is invited to:

- Endorse the declaration on the occasion of the 25th Anniversary of the FAO Code of Conduct for Responsible Fisheries (CCRF).

BLUE TRANSFORMATION ROADMAP



AQUACULTURE

Objective: Sustainable aquaculture intensification and expansion satisfies global demand for aquatic food and distributes benefits equitably.

Targets:

Effective **global and regional cooperation, planning and governance** Blue Transformation

Innovative technology and management support the expansion of sustainable and resilient aquaculture systems

Equitable access to resources and services delivers new and secures existing aquaculture-based livelihoods

Aquaculture operations minimize environmental impact and use resources efficiently

Regular **monitoring and reporting** of the growth and the ecological, social and economic impacts of aquaculture development

FISHERIES

Objective: Effective management of all fisheries delivers healthy stocks and secures equitable livelihoods

Targets:

Effective policies, governance structures and institutions support fisheries

Equitable **access to resources and services** enhance the livelihoods of fishers and fish workers

Effective **fisheries management systems** address ecological, social and economic objectives, while considering tradeoffs

Fishing fleets are efficient, safe, innovative and profitable

VALUE CHAINS

Objective: Upgraded value chains ensure the social, economic and environmental viability of aquatic food systems.

Targets:

Efficient value chains that increase profitability and reduce food loss and waste

Transparent, inclusive and gender-equitable value chains support sustainable livelihoods

Fisheries and aquaculture products access **international markets** more effectively

Increased **sustainable consumption of sustainable aquatic food**, particularly in areas with low food and nutrition security

Increased **access to healthy, safe and high quality aquatic food**

Thank you!

Focal points

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