

What does Bangladesh tell us about **Innovation** in Climate Change Adaptation?

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IUCN Bangladesh

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Innovation











TRANSFORMING OUR
WORLD:
THE 2030 AGENDA FOR
SUSTAINABLE
DEVELOPMENT

1 NO
POVERTY



2 ZERO
HUNGER



3 GOOD HEALTH
AND WELL-BEING



4 QUALITY
EDUCATION



5 GENDER
EQUALITY



6 CLEAN WATER
AND SANITATION



7 AFFORDABLE AND
CLEAN ENERGY



8 DECENT WORK AND
ECONOMIC GROWTH



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



10 REDUCED
INEQUALITIES



11 SUSTAINABLE CITIES
AND COMMUNITIES



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE
ACTION



14 LIFE
BELOW WATER



15 LIFE
ON LAND

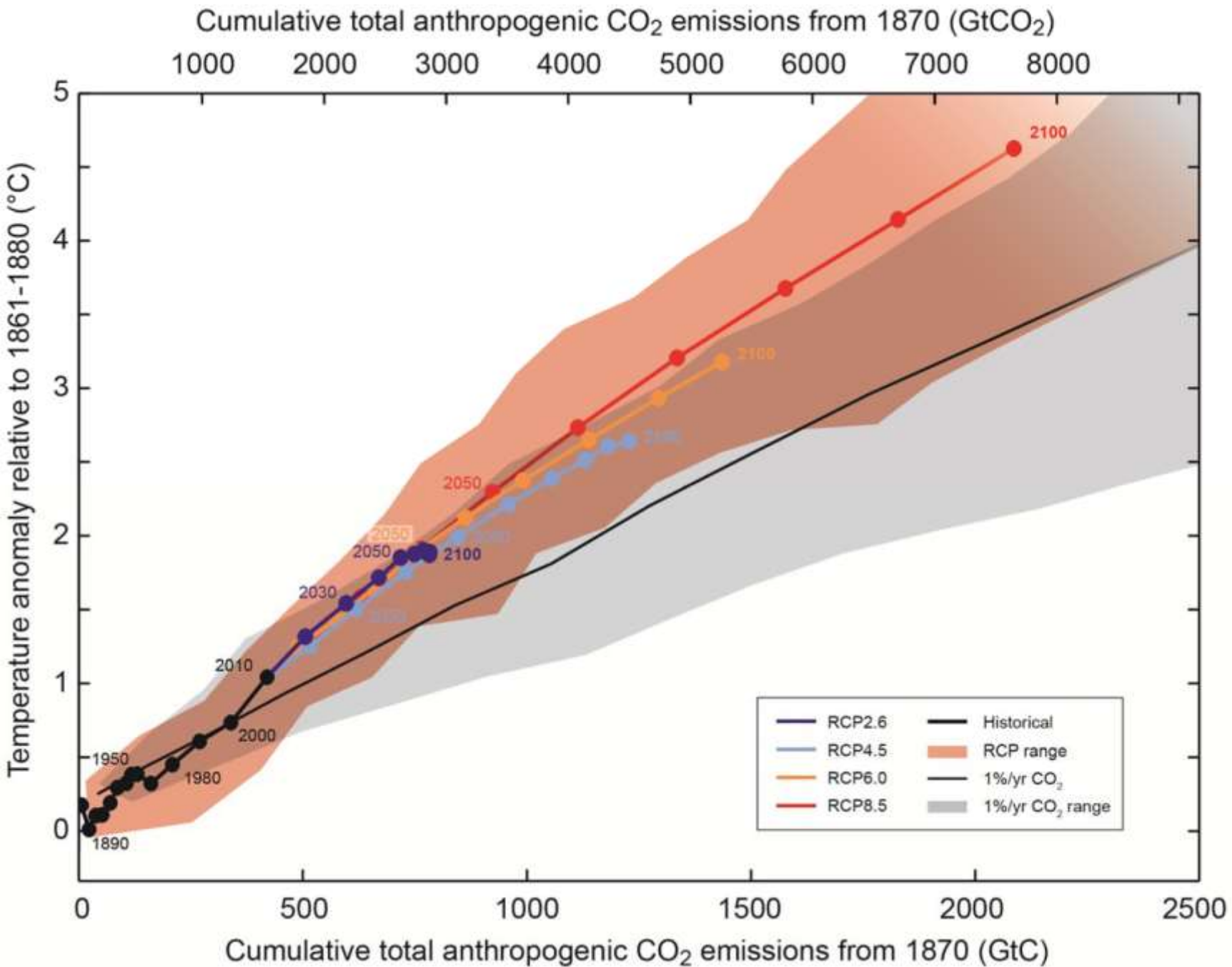


16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



17 PARTNERSHIPS
FOR THE GOALS

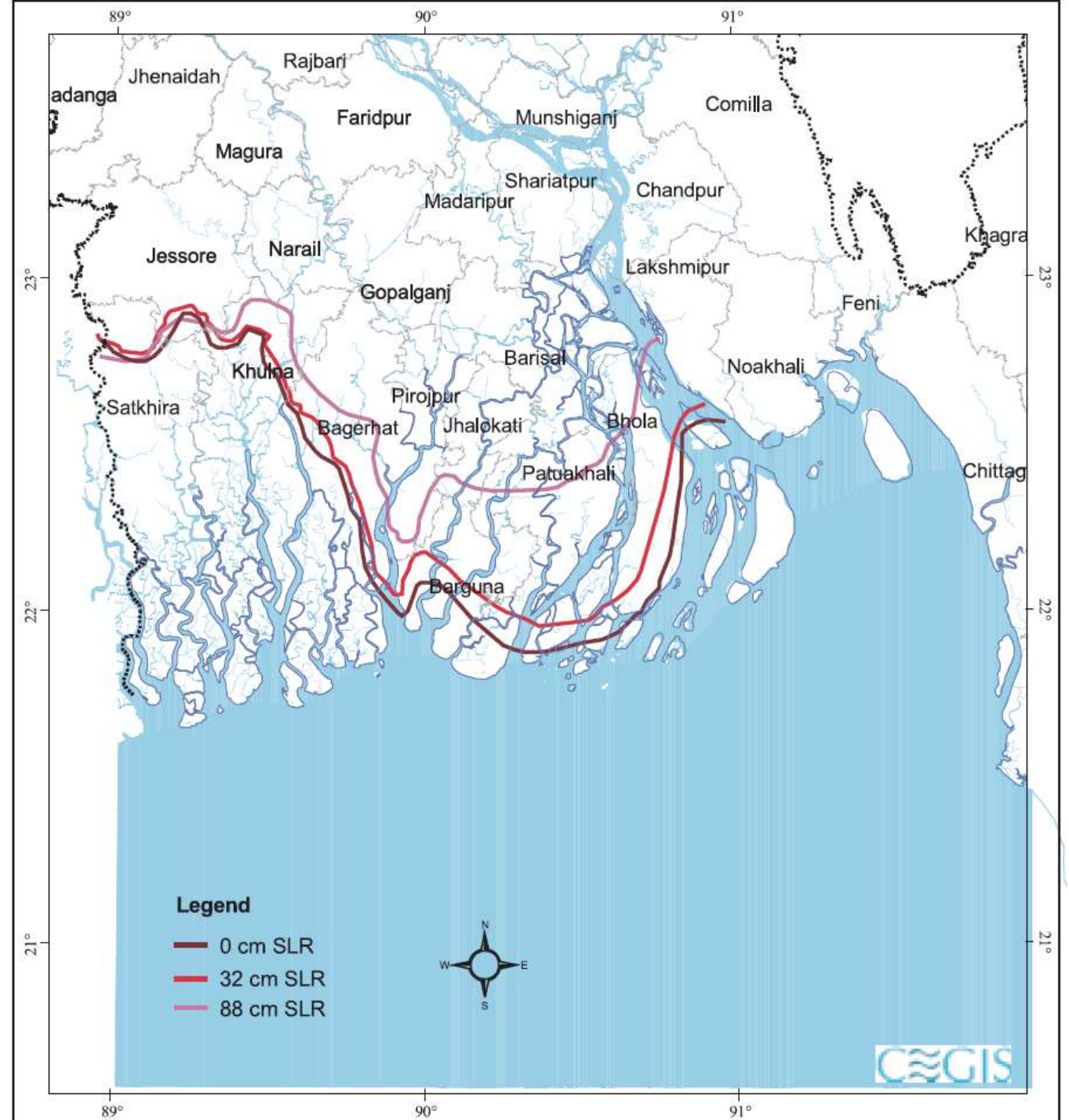
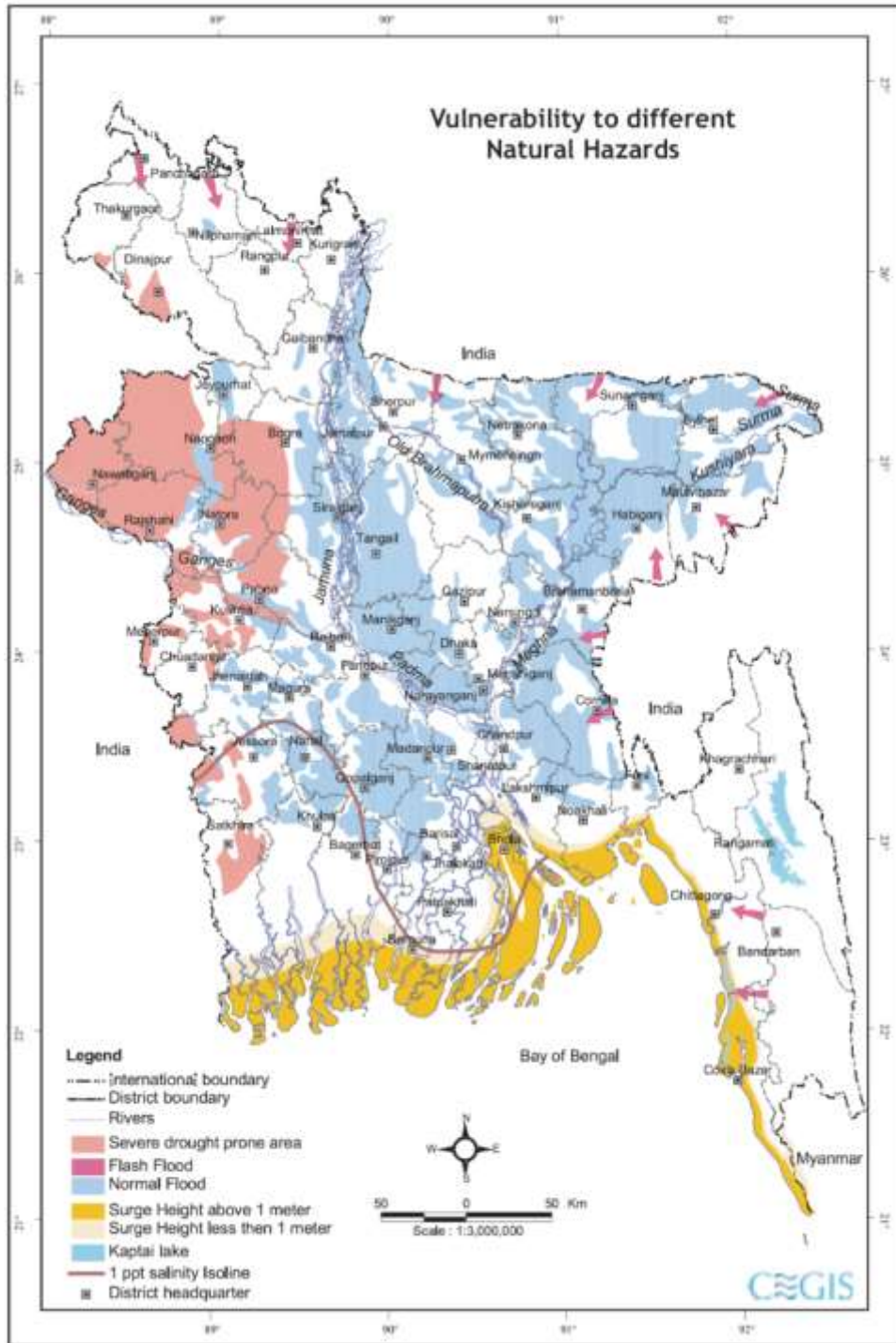




Global temperature change by the end of the 21st century is *likely* to exceed 1.5°C relative to 1850 to 1900.



Adaptation







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Innovation in Adaptation

The Adaptation Capital of the World

Nature-Based Adaptation Technology Development and Diffusion



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ADB

জলবায়ু ঝুঁকি অভিযোজনে প্রযুক্তি প্রদর্শনী

- পুকুরে পেরে পানি সংরক্ষণ
- মনোমুগ্ধ তেলাপিয়া মাছের চাষ
- মিশ্র মাছের চাষ
- লবন সহিষ্ণু ধান চাষ (বিনা-৮, ত্রিধান-৫৪)

স্থান : বড়কুপটি, আটলিয়া, শ্যামনগর, সাতক্ষীরা।
 বাস্তবায়নে: প্র্যাকটিক্যাল এ্যাকশন বাংলাদেশ
 সহযোগিতায়: এশীয় উন্নয়ন ব্যাংক (এডিবি)
 চাষীর নাম : পঞ্চানন মন্ডল ▲ বিমল চন্দ্র মন্ডল
 ▲ অবনী মন্ডল ▲ মো: আবদুল ইসলাম ▲ মো: সাদেক হাইদ

Community Based Adaptation in Vulnerable Coastal Areas of Bangladesh Sub-Project Under RETA 6422 Mainstreaming Environment for Poverty Reduction Project.

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Adaptation Planning and Implementation



Government of the People's Republic of Bangladesh

BANGLADESH CLIMATE CHANGE STRATEGY AND ACTION PLAN 2009

Bangladesh Climate Change Trust Act

Bangladesh Climate Change Trust

Bangladesh Climate Change Trust Fund

2010-2016: US\$ 403 million

472 projects funded

191 completed (GO 134; NGO 57)*

Bangladesh Climate Change Resilience Fund

US\$ 188 million; 10 projects

*Up to Dec 2016: www.bcct.gov.bd

Bangladesh Delta Plan 2100

Bangladesh Environment,
Forestry and Climate Change
Country Investment Plant (CIP)
(2016-2021)

Plan of Action on Disaster and
Climate Risk Management in
Agriculture

Bangladesh
Climate Change
and Gender
Action Plan (2013)

Evolution in Programmatic Approaches

Community Based Adaptation to
Climate Change through Coastal
Afforestation Project (LDCF)

Climate-Resilient Ecosystems and
Livelihoods (USAID)

Climate Resilient
Participatory Afforestation
and Reforestation Project
(BCCRF)

Mangroves for the Future
(SIDA, Norad, DANIDA, RNE)

Seedling raising &
plantation techniques

**Managing land tenure
of plantation sites**

Tackling social conflict
over land use

**Convincing &
managing local
political leadership**

Ensuring local
participation in
protecting plantation

**Overcoming impacts of
natural calamities in
remote areas**

2008

2013

2017

Nishorgo Support Project
(NSP, 2003–08)



Integrated Protected Area
Co-management (IPAC,
2009–12)

Climate-Resilient
Ecosystems and Livelihoods
(CREL, 2013–17)

Community Based **Adaptation** in the
Ecologically Critical Areas through
Biodiversity Conservation and Social
Protection (CBA-ECA, 2011–15)

(UNDP, BCCTF, EKN)

Coastal and Wetland Biodiversity
Management Project (CWBMP, 2003–11)



Challenges and Opportunities

Innovation – Evaluation – Scaling up

Knowledge Management

Monitoring, Learning & Evaluation

Innovation – Evaluation – Scaling up

Knowledge Management

Monitoring, Learning & Evaluation

We, the people of Bangladesh, do know we will remain vulnerable to climate change for decades to come.

But we are not overwhelmed by this reality.

We continue to innovate, improvise and adapt

We inspire the world with our *spirit of resilience*.

Thank You

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