



Toward Synergistic Climate Change Adaptation

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The Climate Change Adaptation Act in Japan

- The act was enacted in 2018, amended in 2023
- Under the Act, Climate Change Adaptation Plan and Climate change impact assessments are implemented
- Key stakeholders for adaptation are governments (national and local), academia, private sectors, and civil society



Agriculture, Forestry, and Fisheries

Rice,
Livestock and forage crops
Forestry, Fruit tree
Agricultural production base
Fisheries



Natural Disasters

Rivers
Mountain areas
(Sediment Disasters)
Costal areas
(Storm surges/High waves)



Water Environment, Water Resources

Water supply



Industrial /Economic Activities

Industrial and Economic Activities
(Construction industry), Others



Ecosystems

Terrestrial Ecosystems
Coastal ecosystems



Human Health

Heat Stress
Infectious diseases



Civil Society

Infrastructure
Critical Services

Three main interlinked issues that humanity currently faces: climate change, pollution and biodiversity loss.



Each of these issues has its own causes and effects and each issue needs to be resolved if we are to have a viable future on this planet.

Outcome from UNEA-6 (2024)

A resolution on “**Promoting synergies, cooperation or collaboration for national implementation of multilateral environmental agreements and other relevant environmental instruments,**” was jointly proposed by Japan, Fiji, Canada, Chile, Switzerland, Norway, and Peru.

- In order to overcome three planetary issues, it is required pursuing integrated solutions.
- The synergy approach benefits all countries.



The concept of ecosystem-based approaches to solve various social challenges

Climate change, Biodiversity loss, Natural disaster, Food security, Human health...

<Conceptual framework on Nature-based Solutions>

Climate Change Adaptation

- Key Objectives of Climate Adaptation:
 - ✓ Reduce vulnerability:
 - ✓ Enhance resilience:
 - ✓ Sustain ecosystems and livelihood
- Relevant elements included in the NbS
 - ✓ Ecosystem-based Adaptation (EbA)
 - ✓ Ecosystem-based disaster risk reduction (EcoDRR)



