




GHANA NDC FACTSHEET

Population: 29,767,108

Income group: lower middle income

CO2 emissions (kilotons): 20,085

National biodiversity index: 0.646

-  NDC submitted by nation
-  Detailed adaptation plan
-  Low climate risk

Stated Vulnerabilities

- Agriculture / livestock
- Water
- Health and wellbeing
- Highly vulnerable groups
- Transport / infrastructure
- Forestry
- Urban settlements

Adaptation Actions

- Nature-based
- Hybrid
- Indirect

Adaptation Outcomes

- Increase resilience / reduce risk
- Food security
- Sustainable development / green growth

Broad type of indirect action

Investment in climate change research / monitoring
Disaster risk reduction
Community capacity building
Health research / action
Resilient livelihoods

Broad type of hybrid action

Climate Smart Agriculture
Resilient water infrastructure / water management
Resilient urban settlements

Planned Nature-based Action in Adaptation Plan

Modified community-based conservation agriculture adopted in 43 administrative districts.
Governance reform for utilisation of forest resources for sustainable energy use and biodiversity business.

Nature-based Target or Measure

Modified community-based conservation agriculture adopted in 43 administrative districts.
Manage 413,000ha fragile, ecologically sensitive and culturally significant sites in 22 administrative district in the forest and savannah areas.

Studies of nature-based solutions in Ghana

Linking agricultural adaptation strategies, food security and vulnerability: evidence from West Africa
Douxchamps, S. et al. (2016) *Regional Environmental Change*

Ecosystem-Based Approaches Toward a Resilient Society in Harmony with Nature
Takeuchi, K. et al. (2016) *Ecosystem-Based Disaster Risk Reduction and Adaptation in Practice*