







Cape Coast Metropolitan Assembly

As part of the National Adaptation Plan (NAP) process, sub-national governments are developing plans to respond to the impacts of climate change. Cape Coast Metropolitan Assembly is pleased to present an overview of our key vulnerabilities and priority areas for building adaptive capacity and resilience.






Cape Coast's Key Characteristics

Ecological zone	Coastal Savanna
Urban population	145,673 (2021)
Rural population	44,252 (2021)
Economic activities	<ul style="list-style-type: none"> crop farming – maize, cassava, sweet potato, plantain, groundnut, tomato, pepper, eggplant, cabbage, lettuce, carrot livestock keeping – cattle, goats, sheep, pigs, poultry fishing and fish processing

Main Climate Hazards

-  Coastal erosion/sea level rise
-  Flash floods
-  Windstorms
-  Erratic rainfall
-  Droughts
-  Heat waves

Key Climate-Sensitive Sectors

 Agriculture	Erratic rainfall, high temperatures, heat waves, floods, dry spells, rainstorms, lightning
 Forestry	Deforestation, pollution, logging, poaching by illegal miners
 Infrastructure and transportation	Floods, rainstorms, tidal waves
 Tourism	Sea level rise, storm surges
 Water, sanitation, human health	Drought, flooding

Established Vulnerabilities

Community	Exposure	Sensitivity	Adaptive capacity	Climate change vulnerabilities
Abenkyim	0.5	0.6	0	0.33
Aboaso	0.3	1	0	0.30
Afransie	0.3	0	0	0

Exposure is the likelihood of being affected by climate hazards.
Sensitivity is the amount that climate hazards affect a population.
Adaptive capacity is the ability of households to anticipate, absorb, and adapt to climate hazards.

Shaded indicates areas of greater concern.

Suggested Adaptation Options

-  Protection of properties and infrastructure, including coastal protection
-  Planting mangroves and incorporating nature-based solutions
-  Improving early warning systems and access to climate services
-  Raising awareness through climate education and outreach programs
-  Enforcing laws on coastal mining
-  Enforcing building permits and building codes
-  Constructing drainage systems and regular distillation
-  Installing irrigation systems