

WELCOME TO CAN THO CITY, VIET NAM



Climate change & resilience strategy in CAN THO CITY



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Climate change & resilience strategy in Can Tho city

1. INTRODUCTION

- Can Tho is one of five cities directly under the Central Government, located in the central of Mekong Delta.

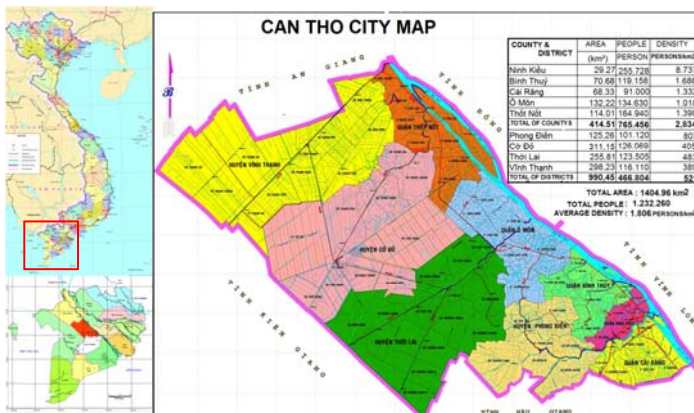
Area: 1.405 km² Population: 1,23 million

- Can Tho's climate is tropical and monsoonal with two seasons: rainy (from May to November) and dry (from December to April). Average annual humidity is 83%, rainfall 1.700mm/year (65in) and temperature 27°C (81°F).

- The economic structure: GDP in 2015: US\$4.6 billion

- Agriculture accounted for 6.49%,
- Industrial - construction accounted for 35.02%,
- Commerce and Services accounted for 58.49%

Location map of Can Tho city in the Mekong Delta

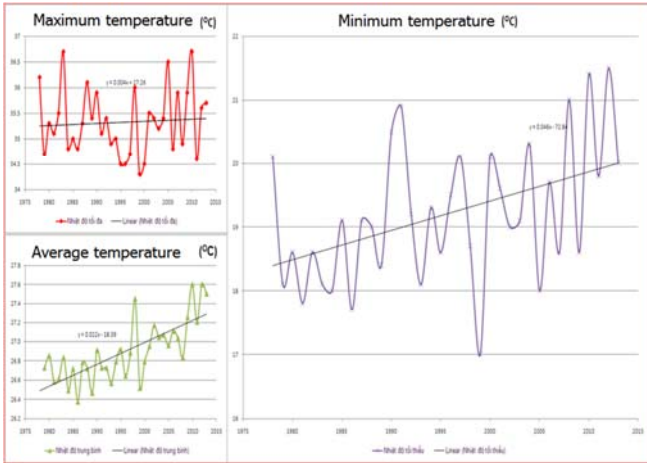


Climate change & resilience strategy in Can Tho city

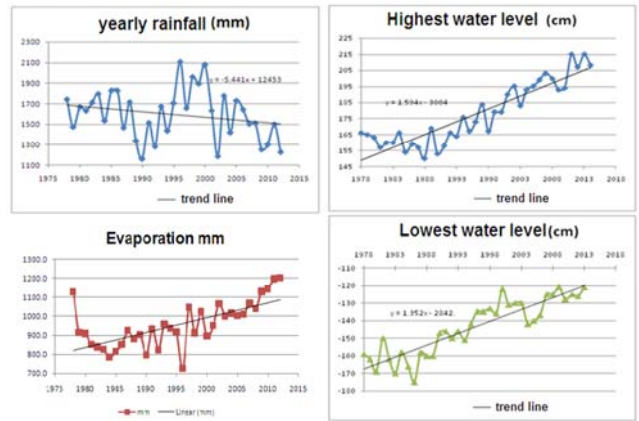
2. DEMONSTRATION OF CLIMATE CHANGE IN CAN THO

- average temperature increase 0.7° C
- annual rainfall tends to decrease, from about 1.700mm to 1.500mm/year.
- changes in the water level: both of highest and lowest level increase 50cm.
- appearing many places were flooded
- bank erosion
- drought and salinity intrusion
- tornado and storm

The trend of actual data change 1978 to 2013, CanTho



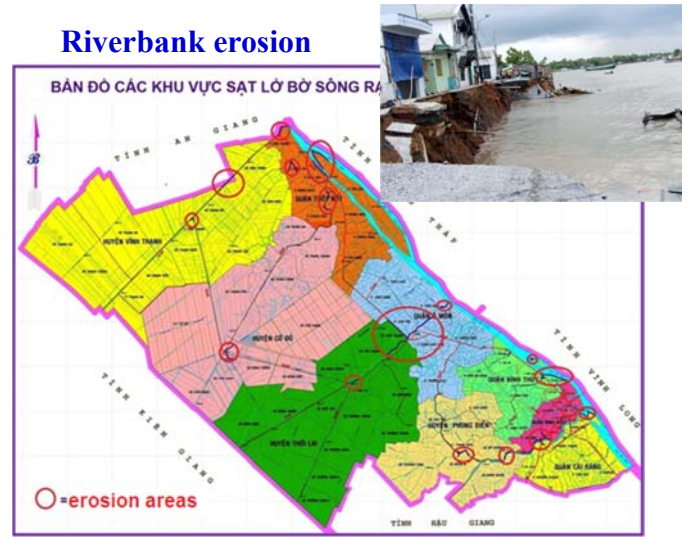
The trend of actual data change 1978 to 2013, CanTho



flooding



Riverbank erosion



Drought and Salinity intrusion

Salinity sensors system monitoring and alerts

03/2016, the first time, measured the salinity up to 2g/l in Ninh Kieu district

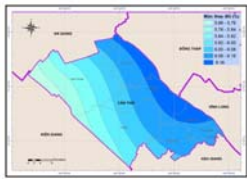
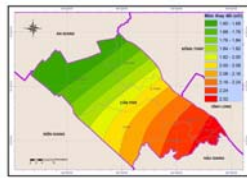
Tornado and storm in Can Tho



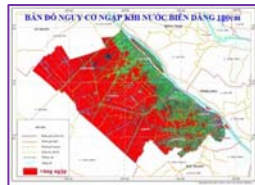
30/07/2014, in Co Do town, a strong tornado damaged 147 houses, 56 of which collapsed completely.

B2 scenario by 2100, MONRE.

•Average temperature increases 2 - 3°C

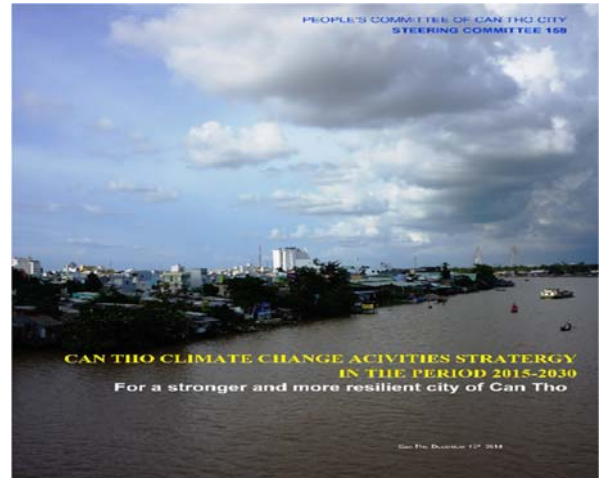


•Rainfall increases 10-20%.

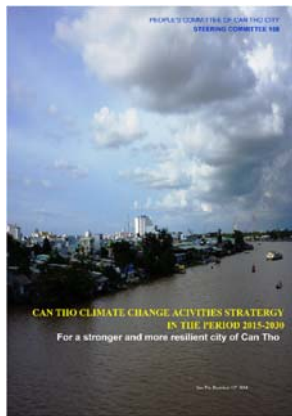


•Sea level rises 76-82 cm,

3. Climate Change resilience Strategy



Climate Change resilience Strategy



The key tasks and solution

- Propagate and educate to raise awareness
- Support diversified response with scientific researches
- Strengthen capacity for state administration in climate change
- Improve the system of legal policy
- Renovate financial mechanisms
- Integrate to international climate change response



Solution to make communities have better adaptations

COMMUNITY BASE DISASTERS RISK MANAGEMENT



Climate change resilience Strategy

Advantage

- The actual phenomenon demonstrate,
- The interest and support of the government and the community,
- The domestic and international support.

Disadvantage

- The uncertainties of climate change,
- Lack of specialized knowledge of leaders & community,
- To make the whole covering resilience plan is very difficult,
- Lack of funding.

THANKS FOR LISTENING

