



EXPERIENCES IN DEVELOP AND IMPLEMENT THE CLIMATE CHANGE RESILIENCE ACTION PLAN IN CAN THO CITY

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1. THE BASIS FOR RESILIENCE ACTION PLAN

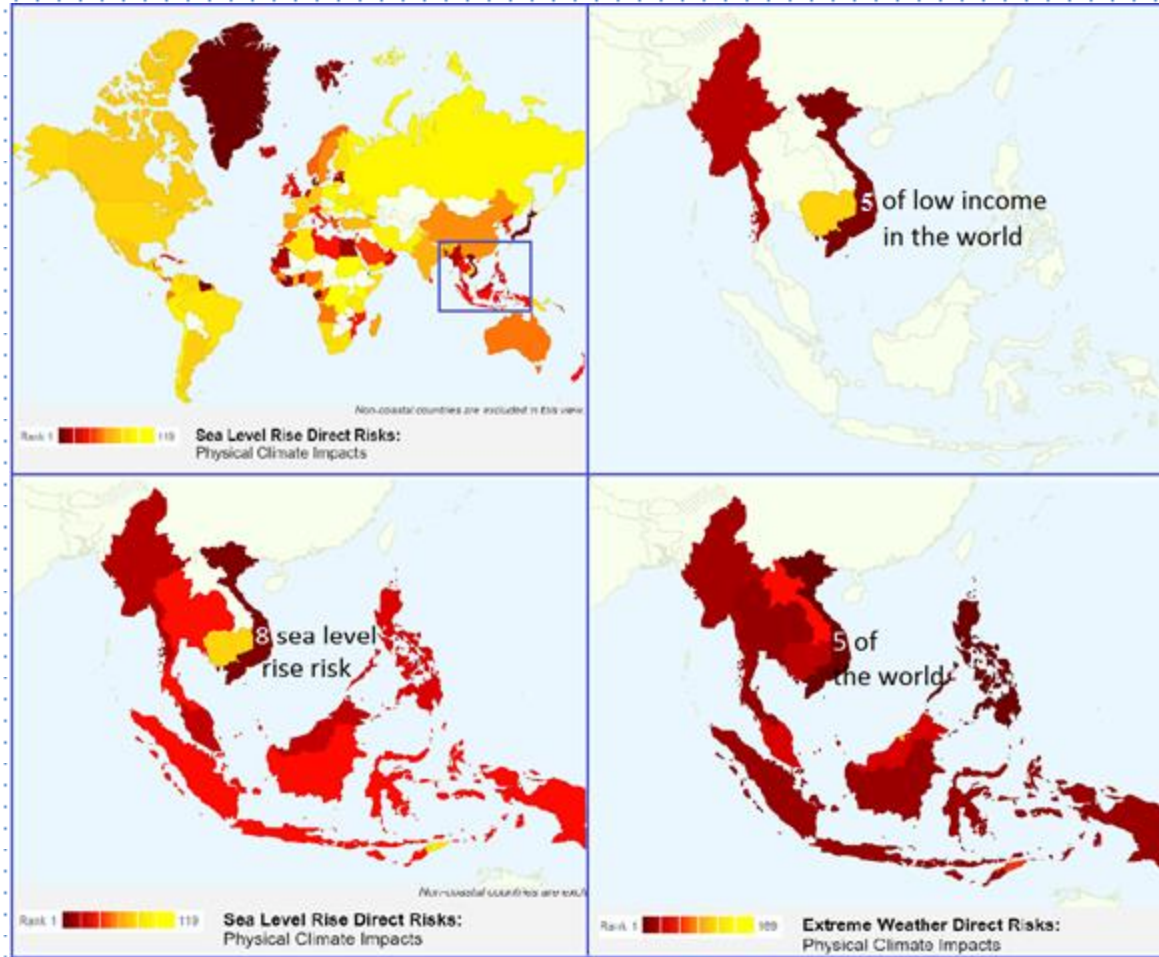
1. THE BASIS FOR RESILIENCE ACTION PLAN

a. Brief of Can tho and climate change

Can Tho City in the most risk area of the world

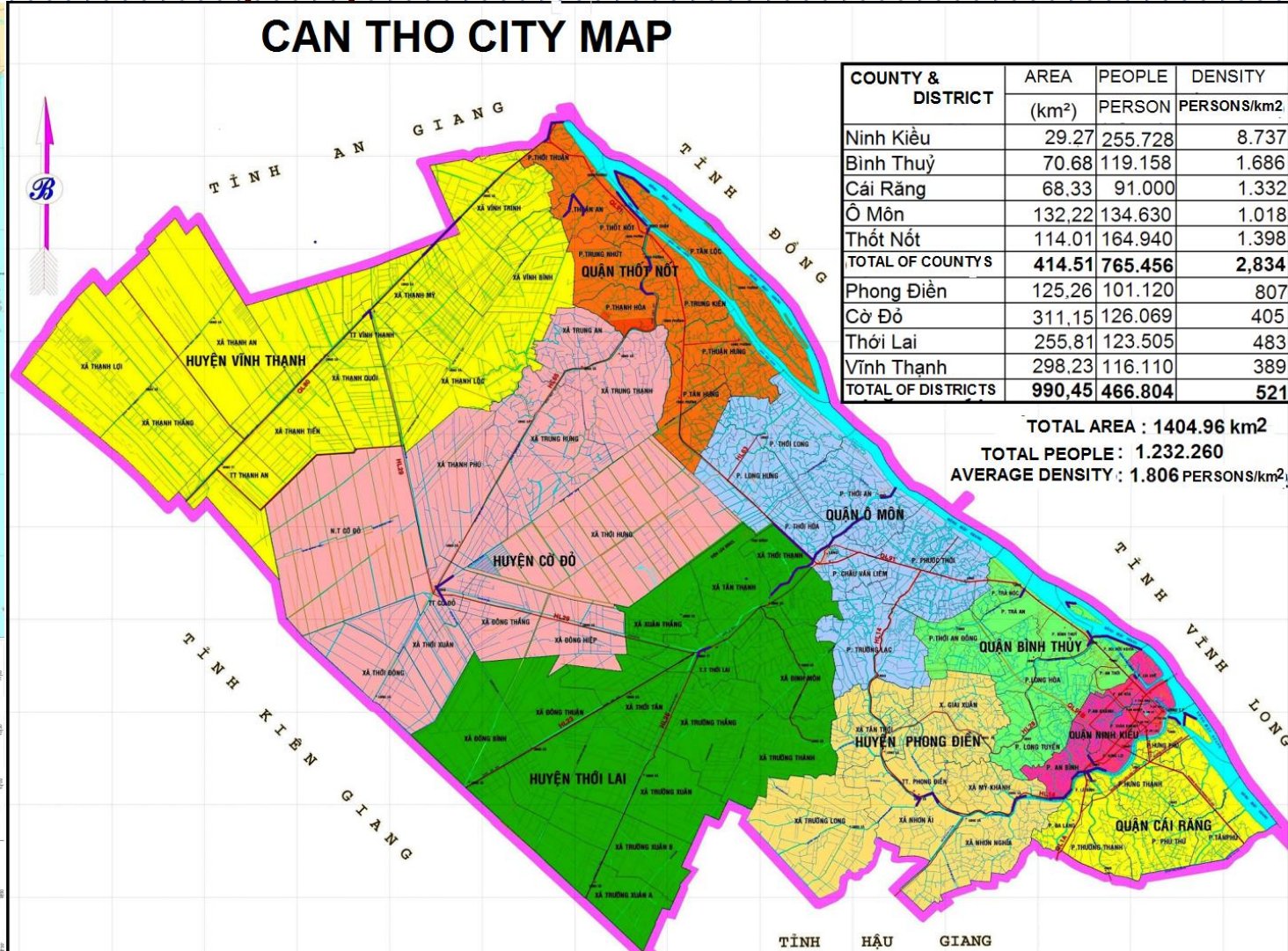
Việt Nam is :

- The 2th of low income country in the world to be impact by extreme weather direct risks,
- The 8th of sea level rise risk,
- The 5th of extreme weather direct risk.



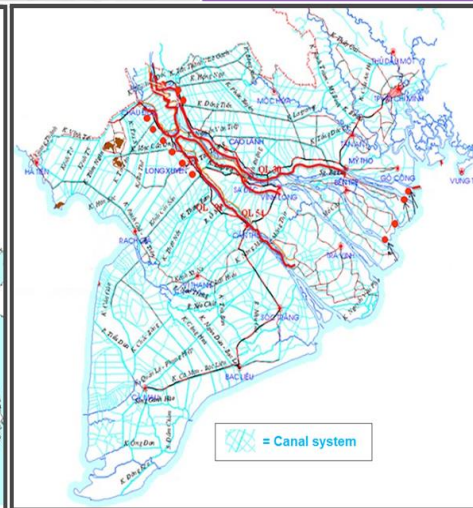
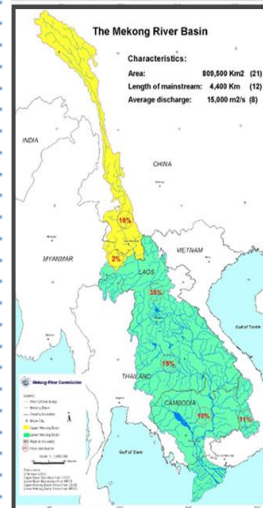
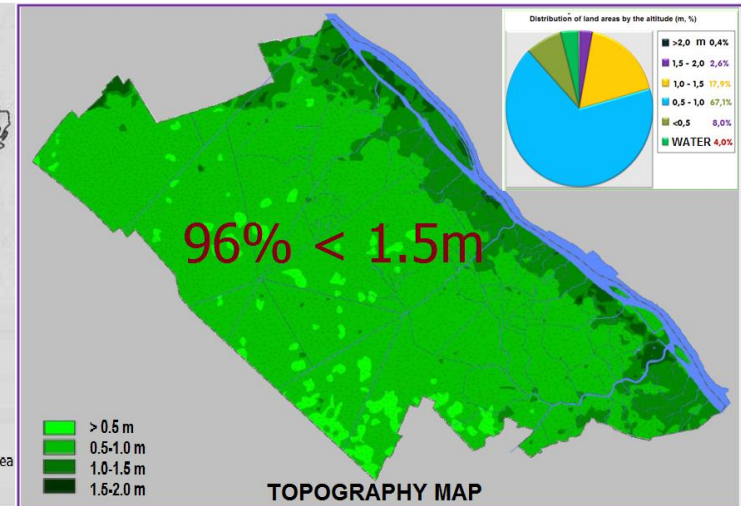
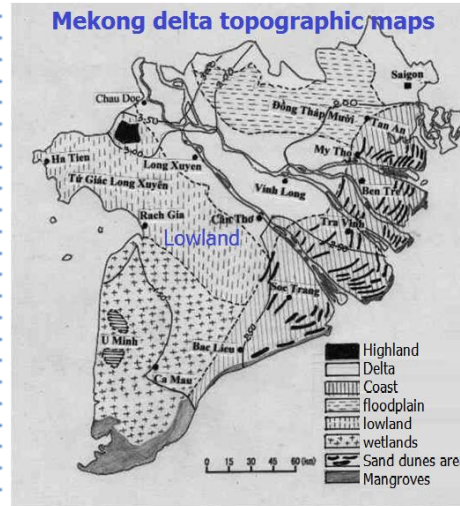
Source: <http://www.cgdev.org/page/mapping-impacts-climate-change>

Location map of Can Tho city; Total people and area of the land



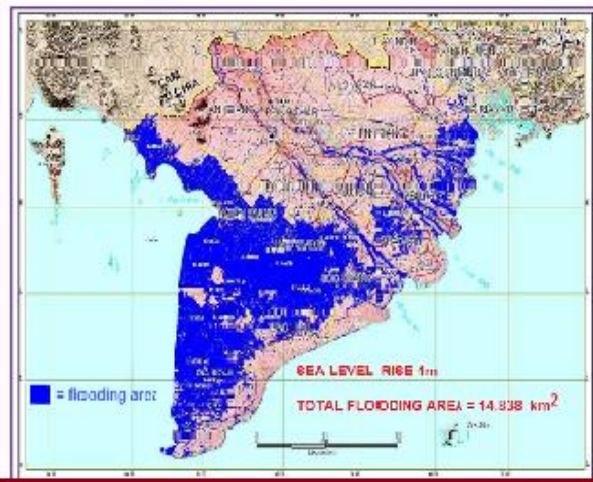
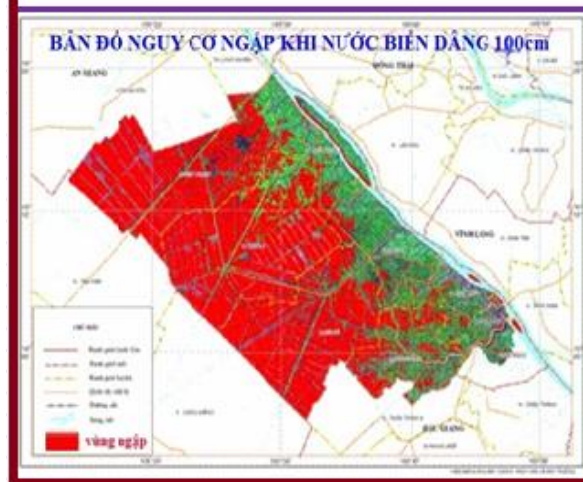
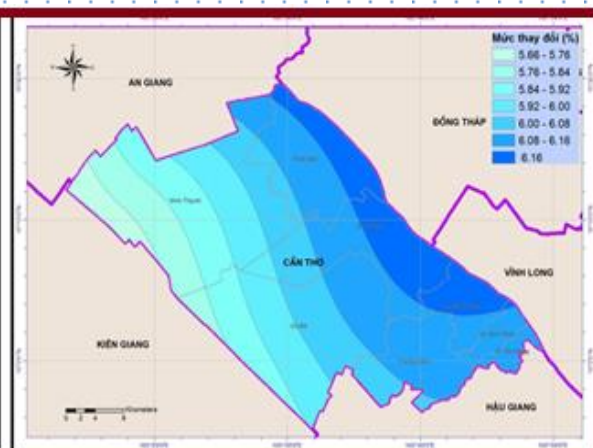
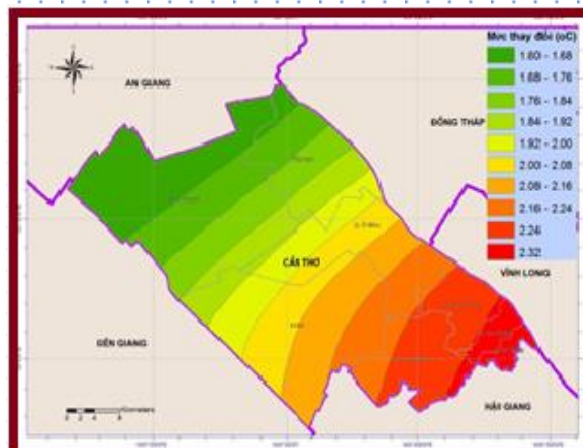
Topography map of Can Tho

- Can Tho city is in the lowest land area of Mekong delta,
- Can Tho City can not actively regulate water resource,
- Pollution spread rapidly due to the dense of water body.



Climate change Model B2 scenario by 2100, MoNRE.

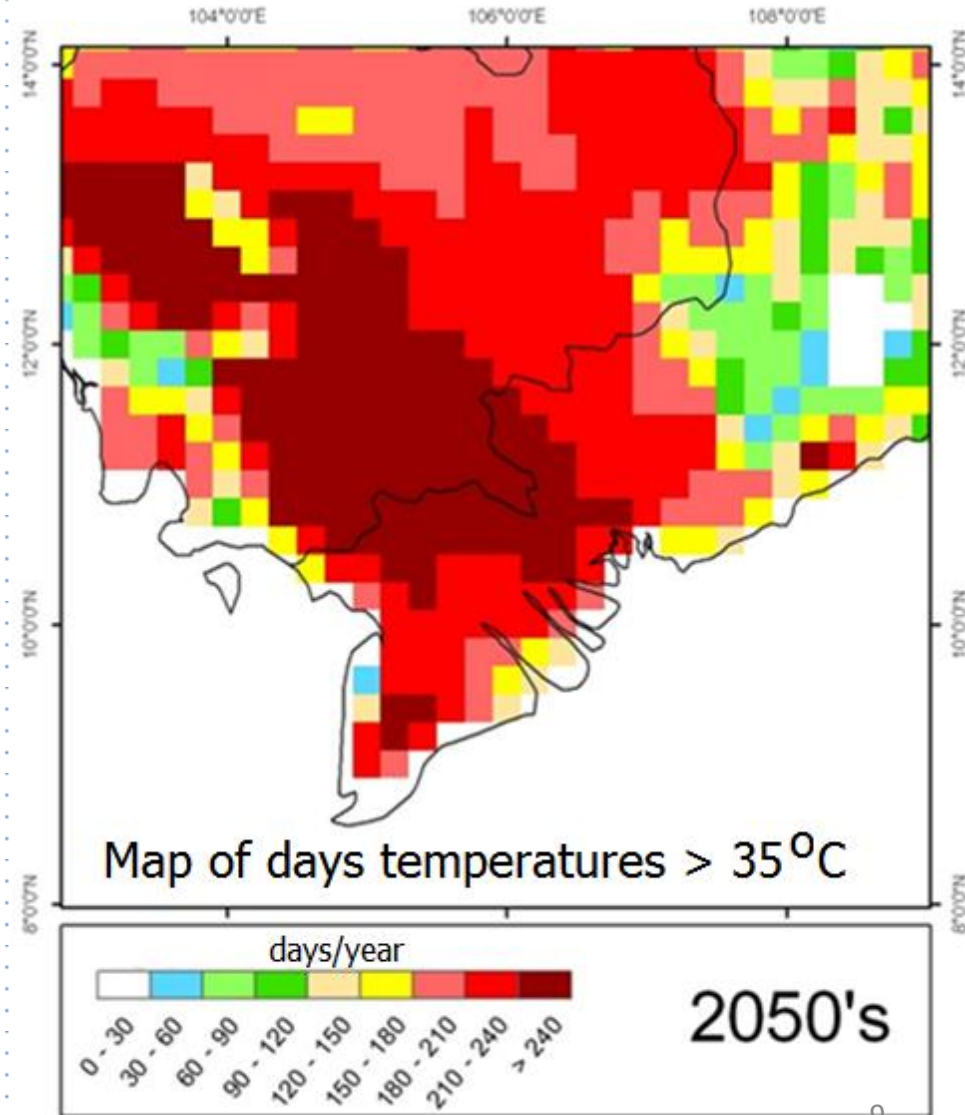
- Average temperature increases 2-3°C,
- Rainfall increases 10-20%.
- Sea level rises 76-82 cm,
- 70% CanTho area inundated by 1m sea level rises,



Climate change model by SEA-START Center, 2009.

- Day has temperature more than 35°C about 240 days/year,

- 1m of sea level rise, delta river water level will reach about to 2m.

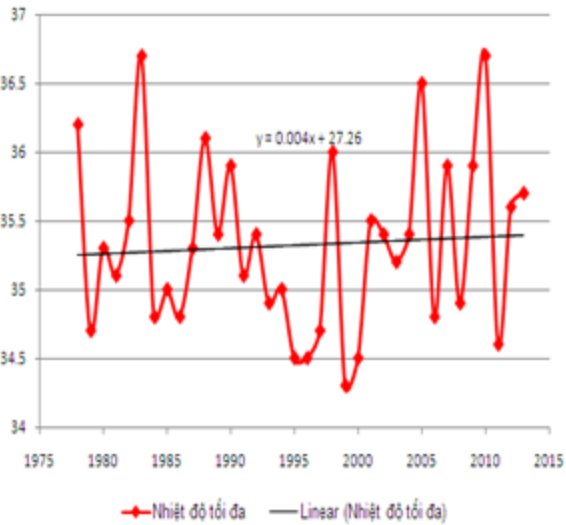


1. THE BASIS FOR RESILIENCE ACTION PLAN

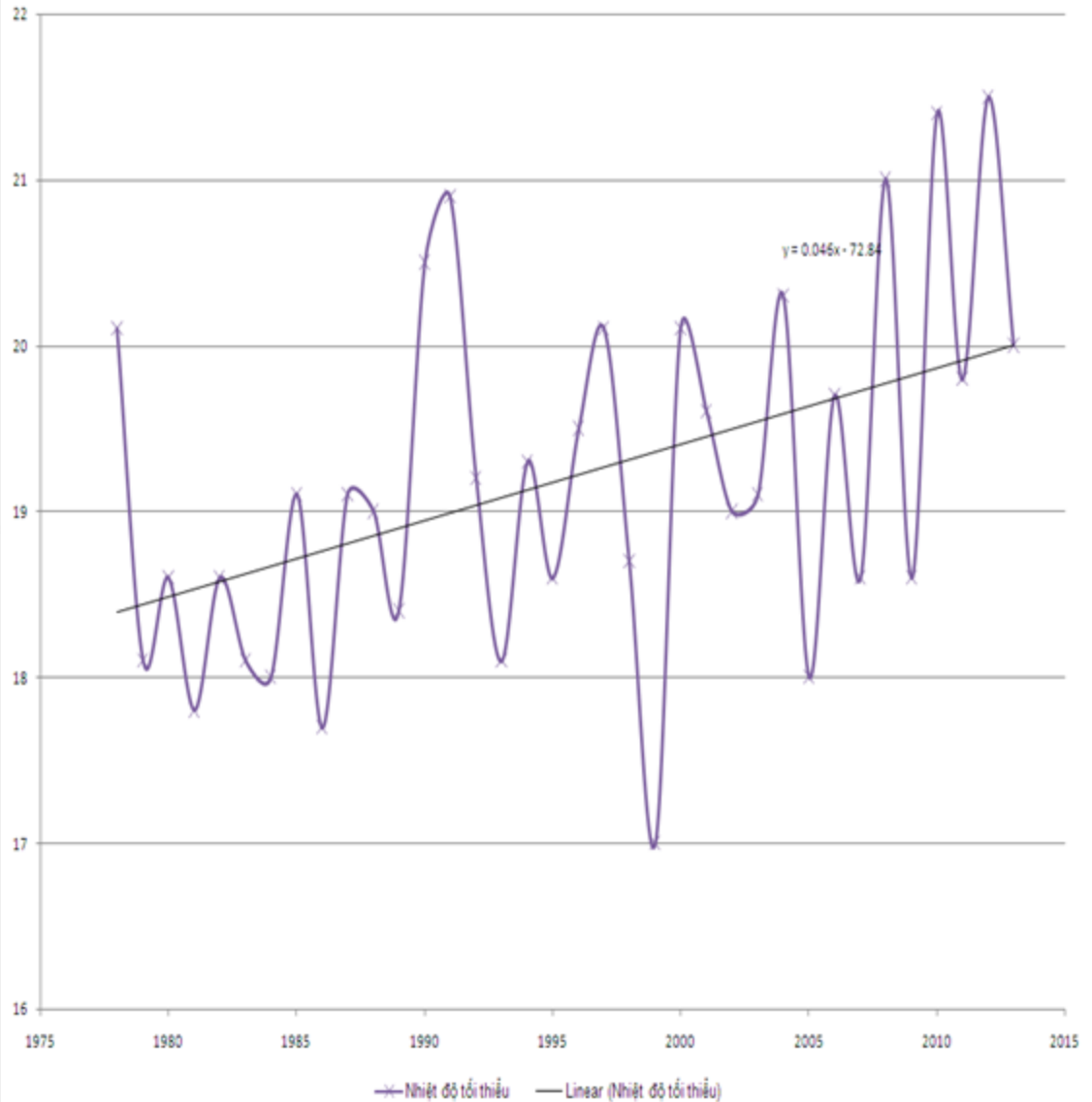
b. The trend of 35 years actual data from
1978 to 2013, in CanTho

(The change looks stronger the climate forecast model)

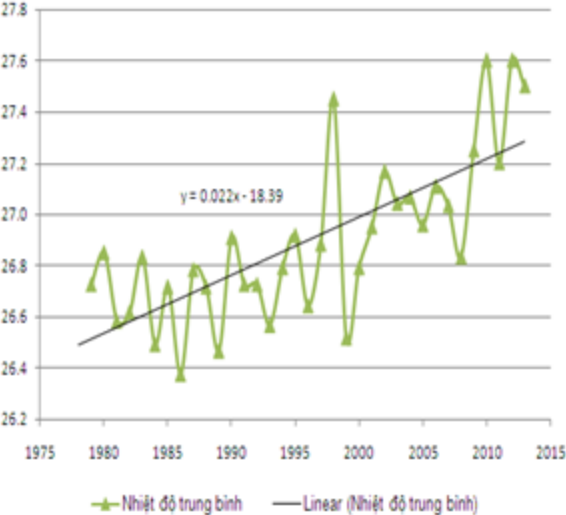
Maximum temperature (°C)



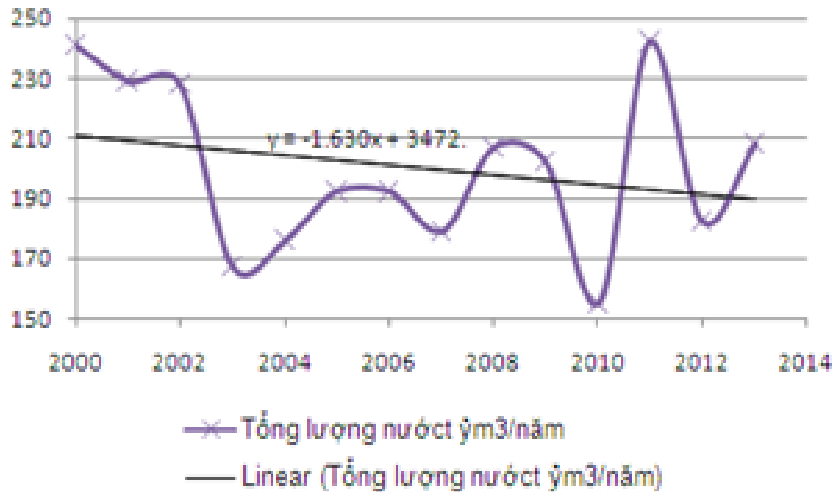
Minimum temperature (°C)



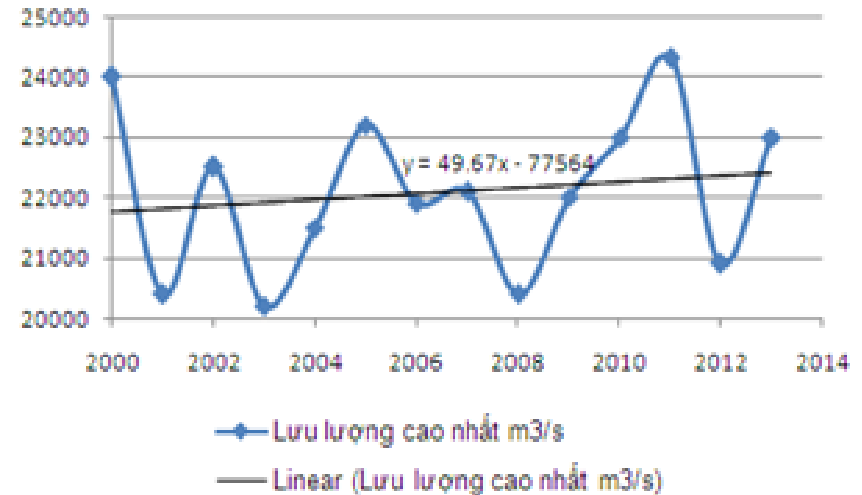
Average temperature (°C)



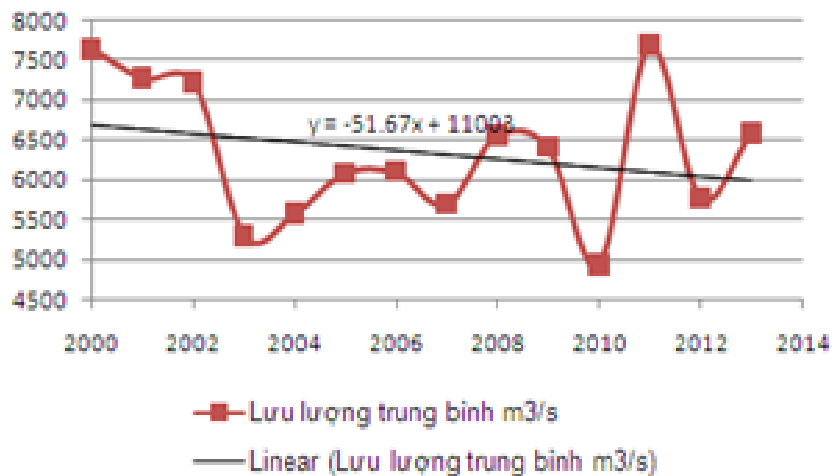
Total flow bil m³/năm



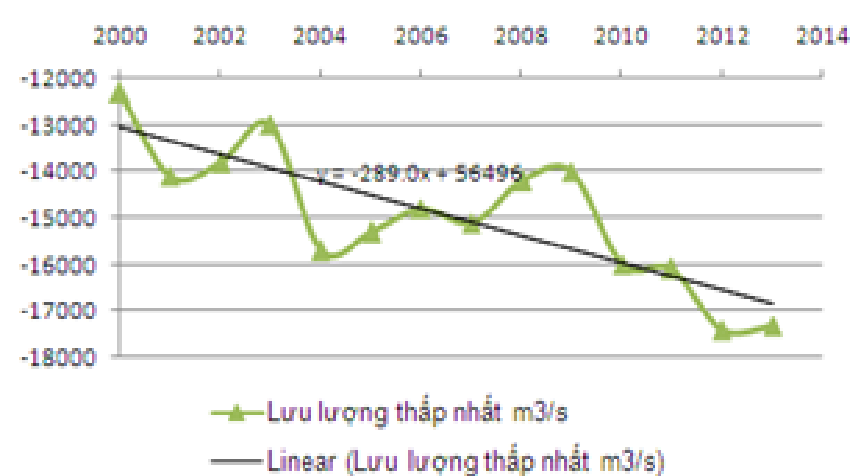
Highest water flow m³/s

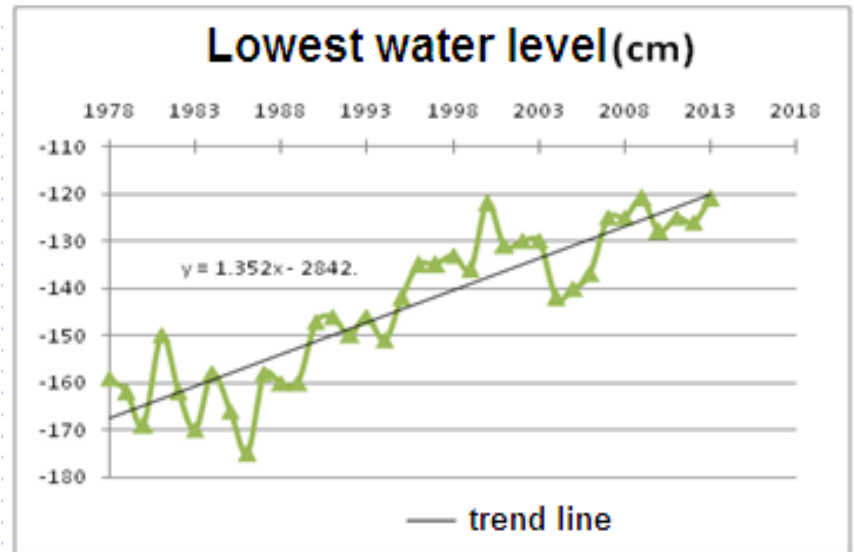
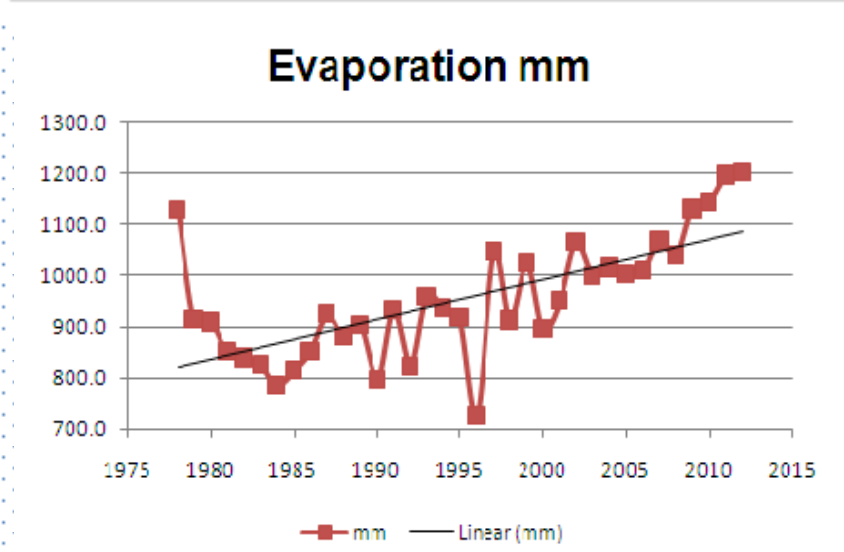
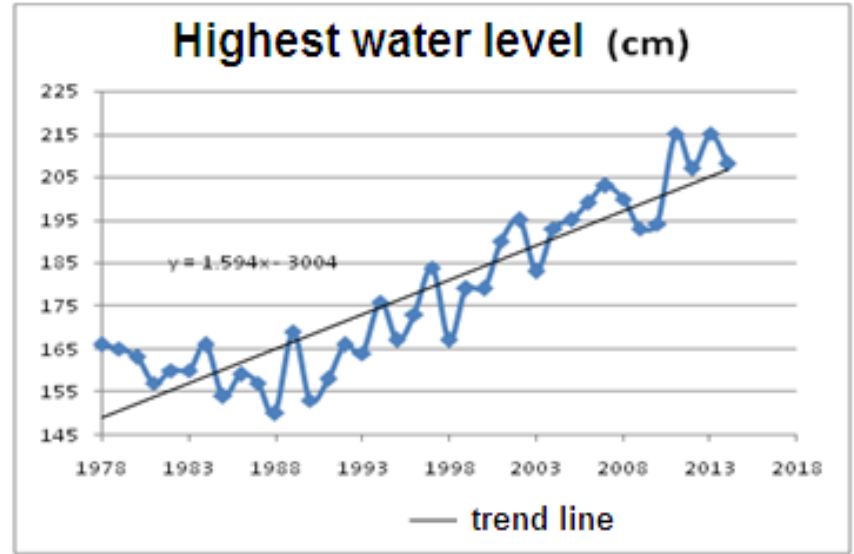
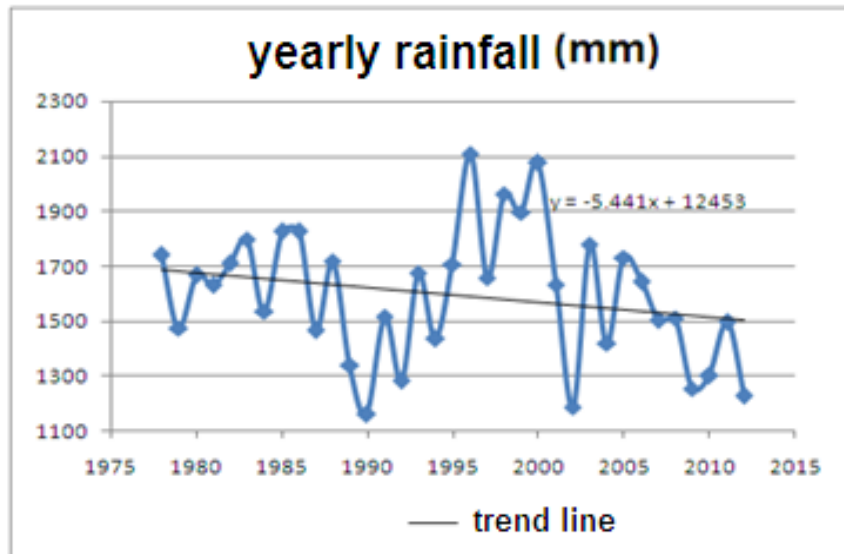


Mean water flow yearly m³/s



Lowest water flow m³/s



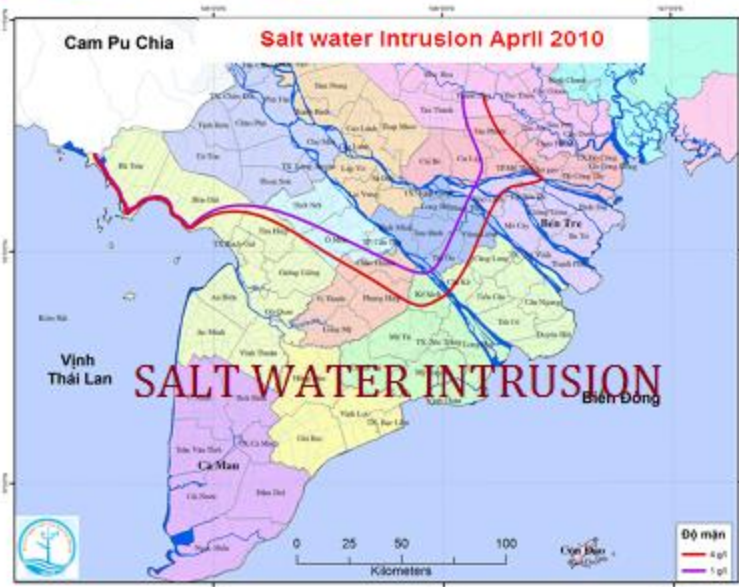




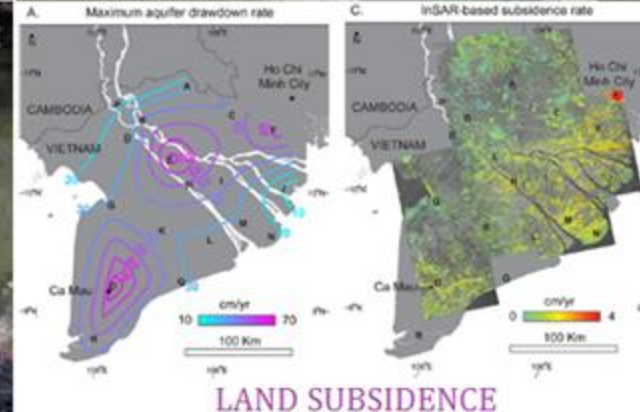
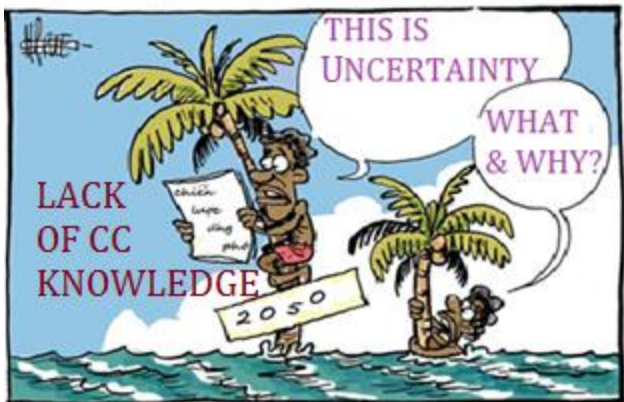
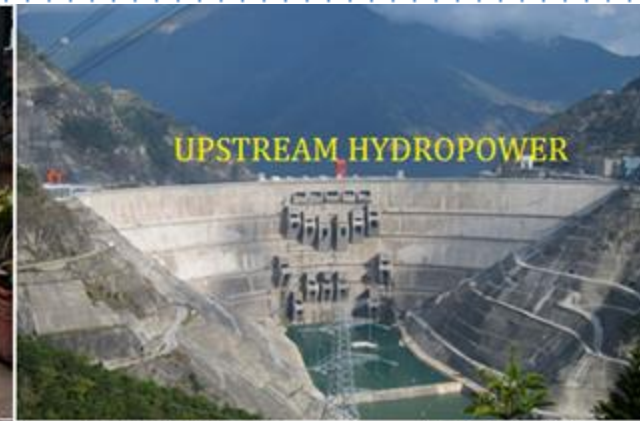
1. THE BASIS FOR RESILIENCE ACTION PLAN

c. Impacts of climate change in Can Tho

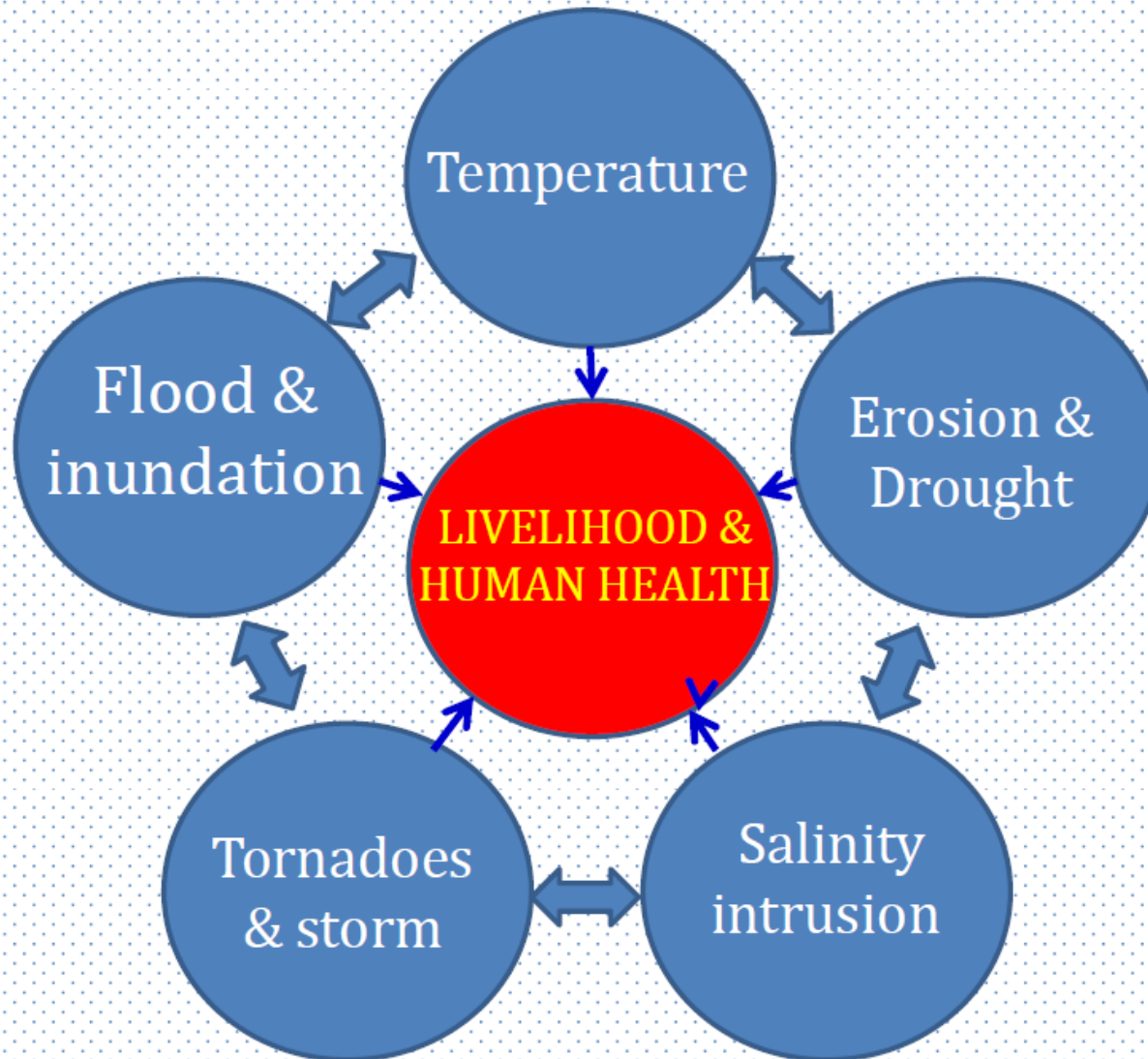
Future risks in CanTho



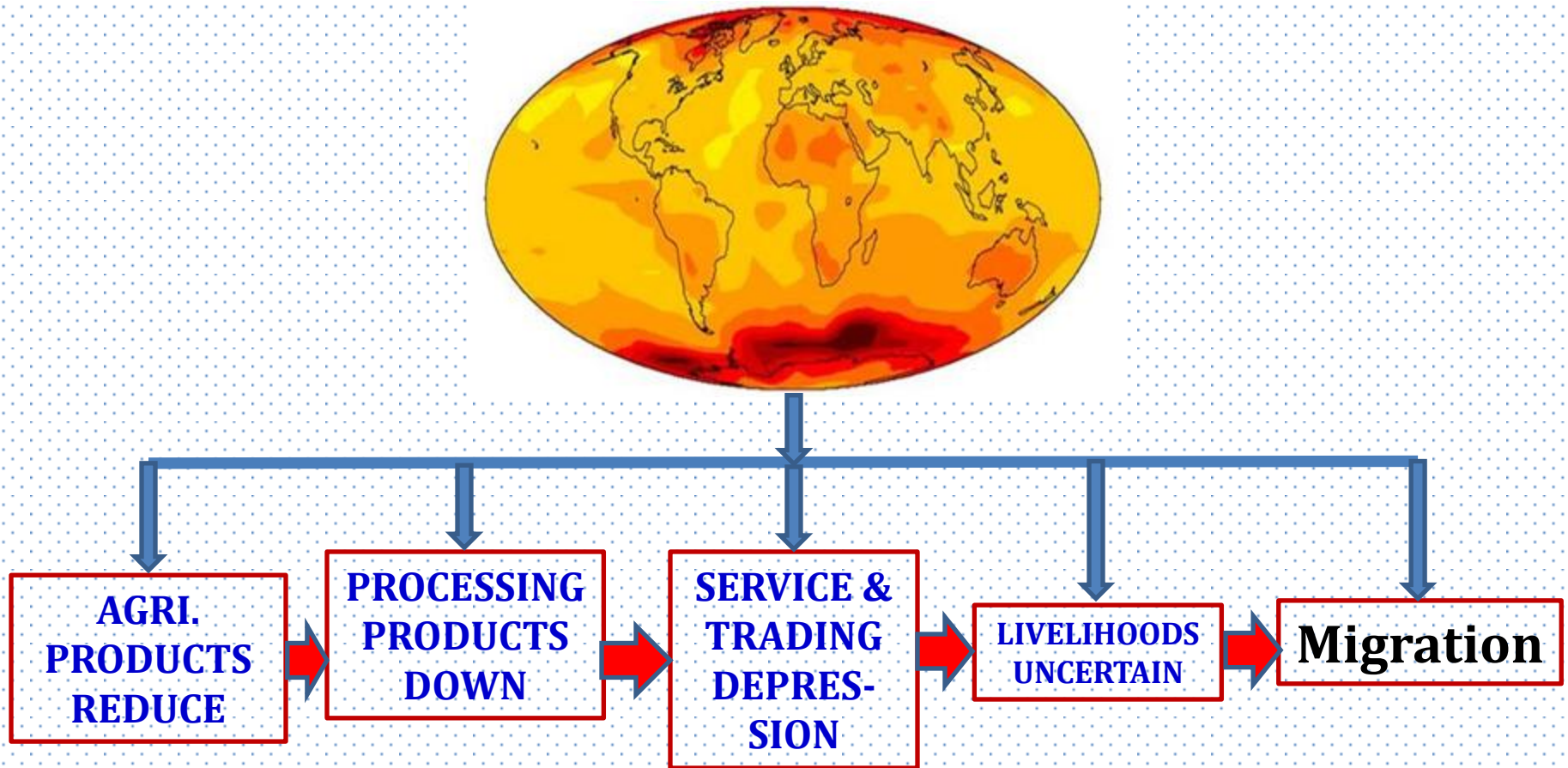
FACTORS EXACERBATE IMPACT OF CLIMATE CHANGE



Direct impacts of climate change



Indirect impacts of climate change



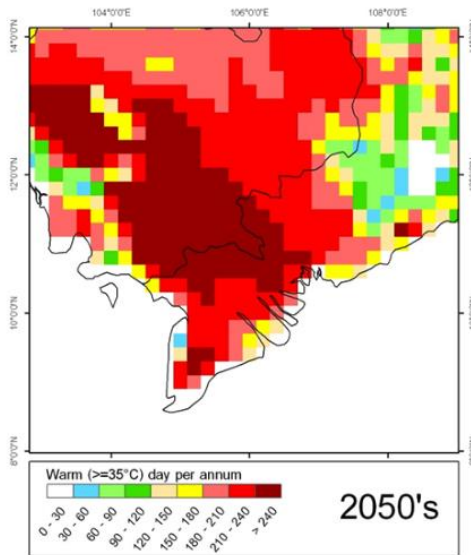


2. CLIMATE CHANGE RESILIENCE PLAN

- A. CANTHO CITY CLIMATE CHANGE RESILIENCE PLAN 2010-2015
- B. CANTHO CITY CLIMATE CHANGE ACTIVITIES STRATEGY IN THE PERIOD 2015-2030.

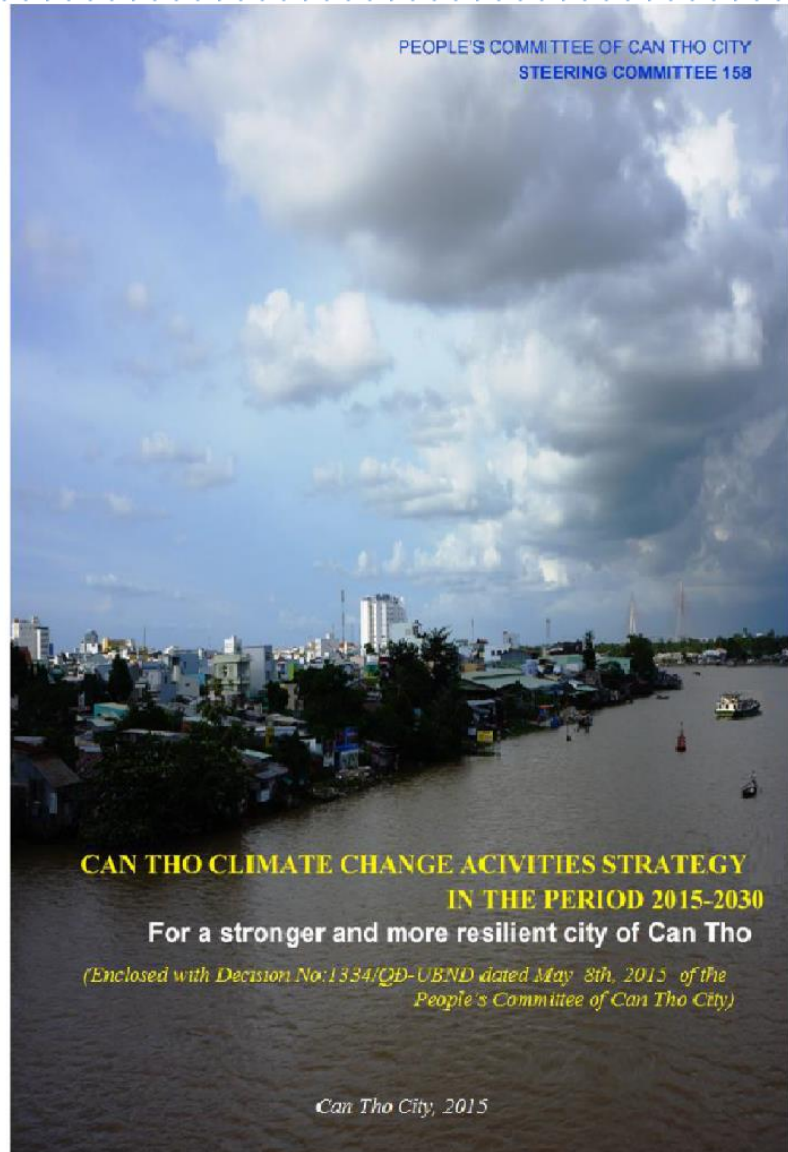
**CAN THO CITY PEOPLE'S COMMITTEE
STEERING COMMITTEE**
(For National Target Program on Climate Change 2011-2012)

CANTHO CITY CLIMATE CHANGE RESILIENCE PLAN 2010-2015



Cantho, 23th August 2010

PEOPLE'S COMMITTEE OF CAN THO CITY
STEERING COMMITTEE 158



CAN THO CLIMATE CHANGE ACTIVITIES STRATEGY IN THE PERIOD 2015-2030

For a stronger and more resilient city of Can Tho

*(Enclosed with Decision No:1334/QĐ-UBND dated May 8th, 2015 of the
People's Committee of Can Tho City)*

Can Tho City, 2015

A. CANTHO CITY CLIMATE CHANGE RESILIENCE PLAN 2010-2015

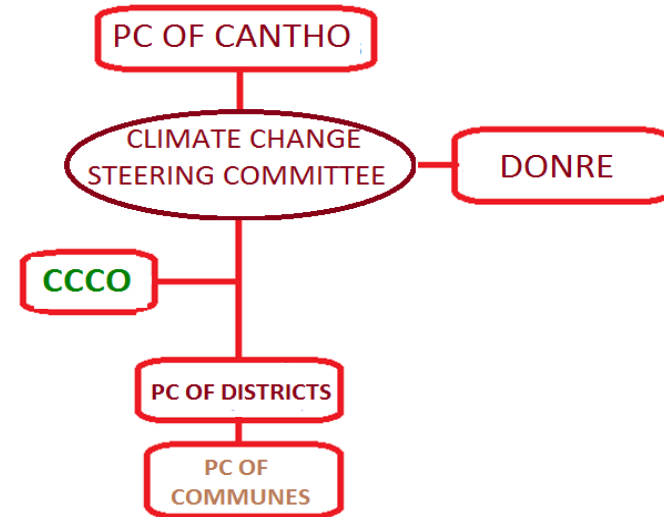
Nonstructural phase:

Understanding the nature of climate change at Can Tho.

What has been and will happen in the future; and to do what is the best.

1. **Established CCCO**
2. Build a local & reality database for resilience
3. Web site for adaptation information exchange
4. **Implement researchs to strengthen resilience insights**
5. Organize share learning dialogue workshop (SLD)
6. **Building Long-term resilience activities plans (2015-2030).**

ORGANIZATIONAL CHART FOR CLIMATE CHANGE RESILIENCE ACTIVITIES OF CAN THO




VĂN PHÒNG BIẾN ĐỔI KHÍ HẬU CẦN THƠ

Trang chủ Giới thiệu Tin tức Tài liệu Các đường link Thành niên Nông dân Trẻ em

MỨC NƯỚC THÁNG 7-8/2015 SÔNG MEKONG, thấp hơn mực nước thấp nhất

Thời tiết TP Cần Thơ	
Ngày	27-09-2015
Thời tiết	Chiều tối có mưa rào, ngày nắng
Nhiệt độ	24-34°C
Lượng mưa lịch sử	1980/45.8mm
Độ ẩm	74%
Mức nước	7.00

SỨC MẠNH TRUYỀN THÔNG CỘNG ĐỒNG CHUNG SỨC

Nonstructural phase: Some results in this phase



Communities base climate change adaptation works in An Binh wards



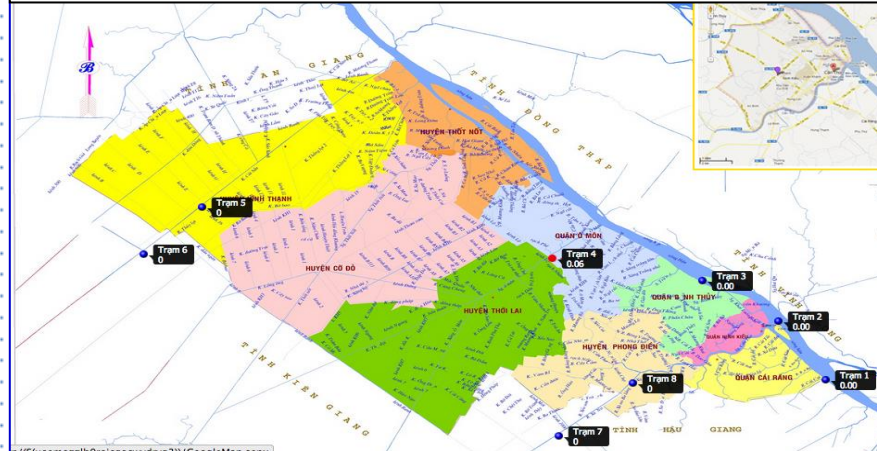
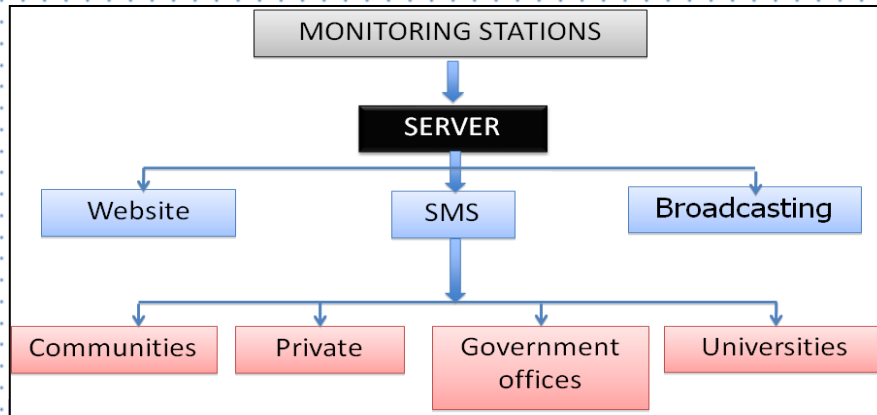
Nonstructural phase: Some results in this phase



Dengue fever & climate change research

Nonstructural phase: Some results in this phase

Salinity monitoring system



B. CANTHO CITY CLIMATE CHANGE ACTIVITIES STRATEGY IN THE PERIOD 2015-2030.

Intervention phase: Continue to raise Climate change awareness and capacity & Begin to build no-regret Works.

Non-construction activities & Construction works

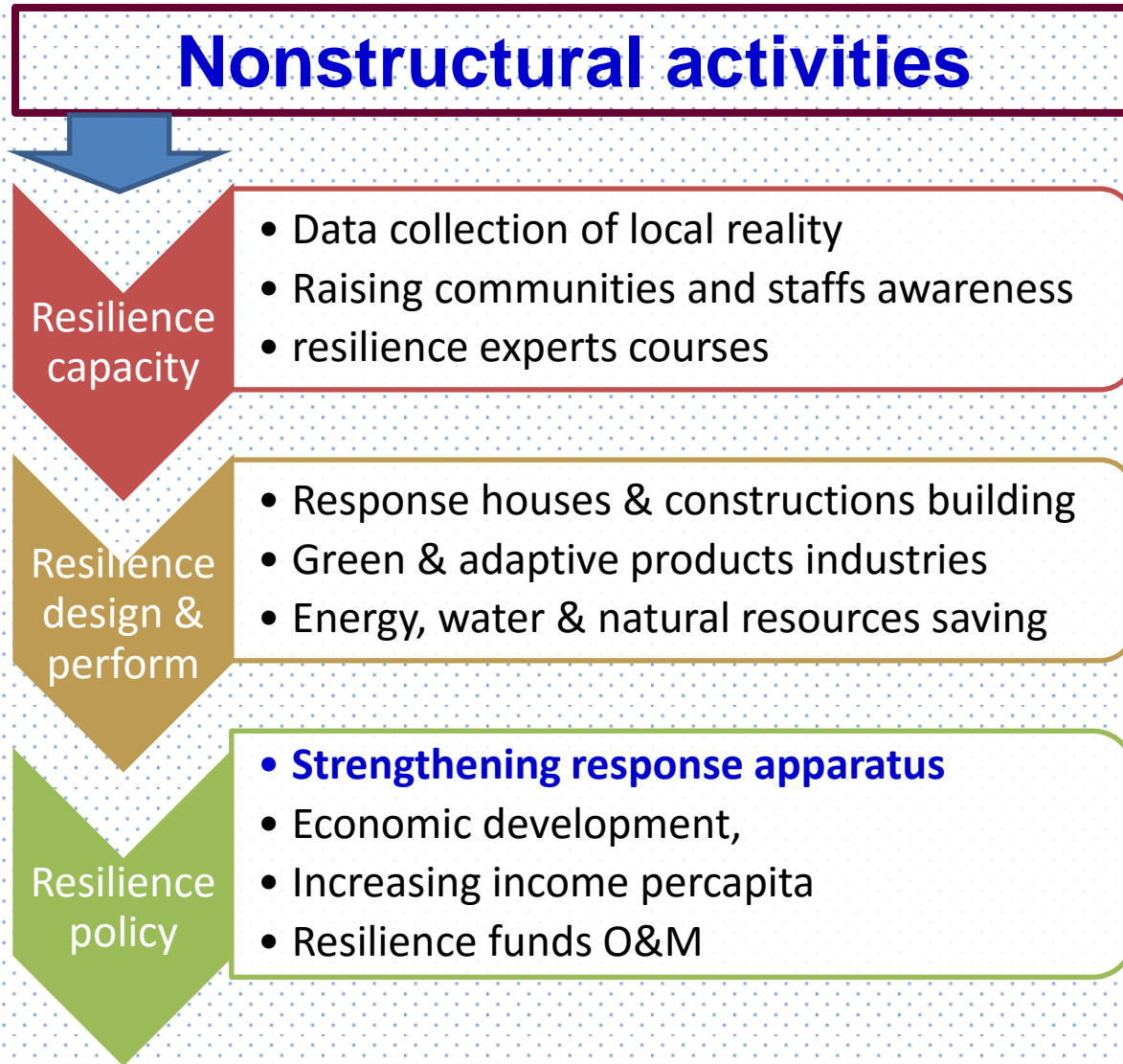


CANTHO CITY CLIMATE CHANGE ACTIVITIES STRATEGY IN THE PERIOD 2015-2030.

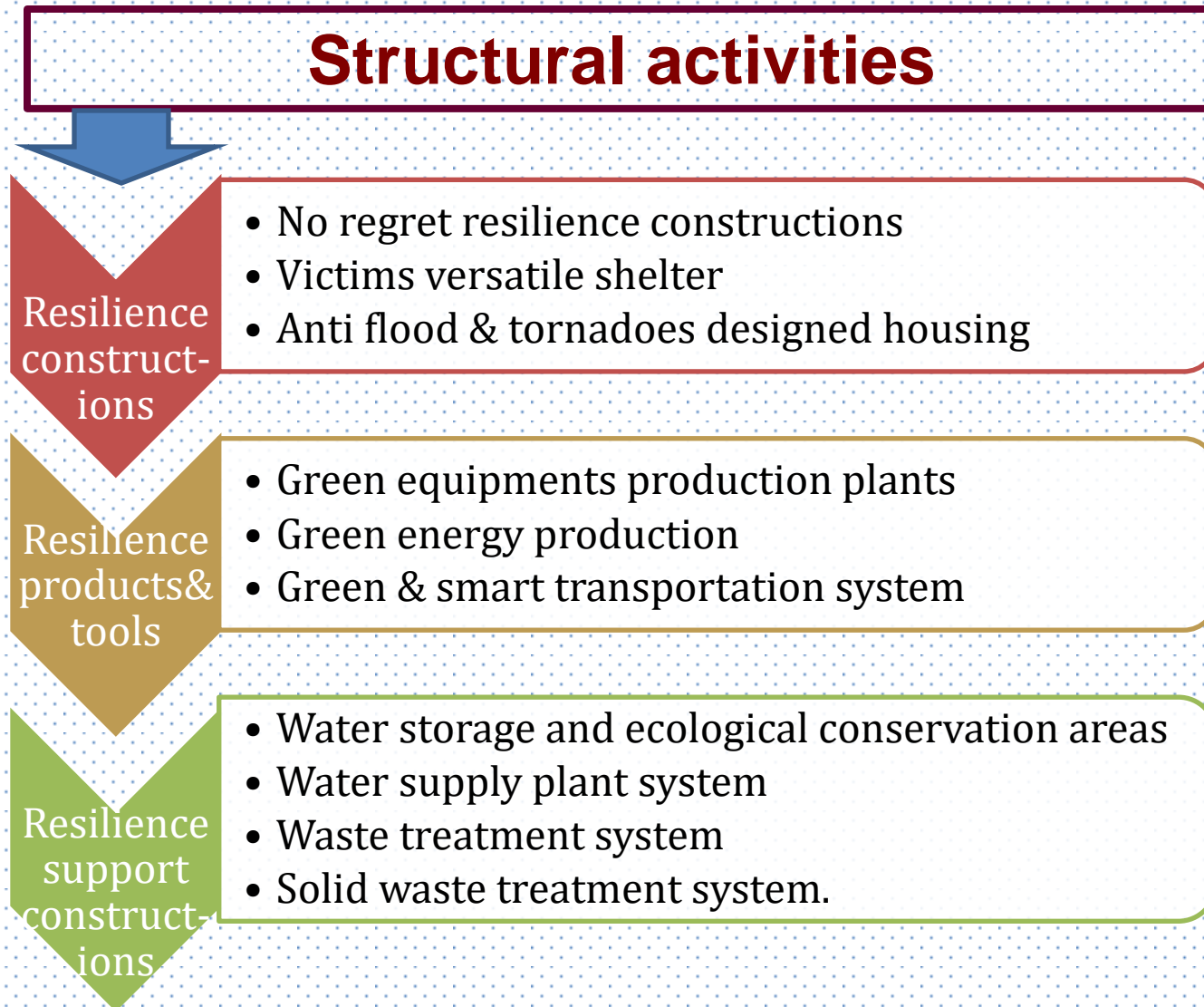
RESILIENCE PRINCIPLES

1. Resilience activities must basing on local data & situation
2. Bottom up & top down combine the support of experts
3. Noregret activities & construction
4. Multilateralism and decentralization in implementing

CANTHO CITY CLIMATE CHANGE ACTIVITIES STRATEGY IN THE PERIOD 2015-2030.



CANTHO CITY CLIMATE CHANGE ACTIVITIES STRATEGY IN THE PERIOD 2015-2030.



3. SOME EXPERIENCES

- i. HUMAN PROBLEM
- ii. UNITY ON ACTION OF STAKEHOLDERS PROBLEM
- iii. POLICIES PROBLEM

i. HUMAN PROBLEM

Organize specialized apparatus are absolutely necessary include:

- The concern of **highest leaders**
- An powerful **agency**
- Enthusiastic, skilled and flexible **staff,**

ii. UNITY ON ACTION OF STAKEHOLDERS PROBLEM

- Base on **the real local data** to performance results with **highest no regrets**.
- Approach: "**bottom up & top down combine the support of experts**" to make the adaption results **sustainable**, and to enhance the adaptive capacity of society
- Construction works and non-construction activities are **both necessary**

(to develop and implement climate change resilience plans we need:)

iii. POLICIES PROBLEM

Founded and operated a locally **stable source of funds** for climate change adaptation are necessary. It may includes:

- **The local community contribute,**
- **local lotteries interest,**
- **government budget**
- **and international aid.**

and **the support policies** for resiliences actions

Thank you