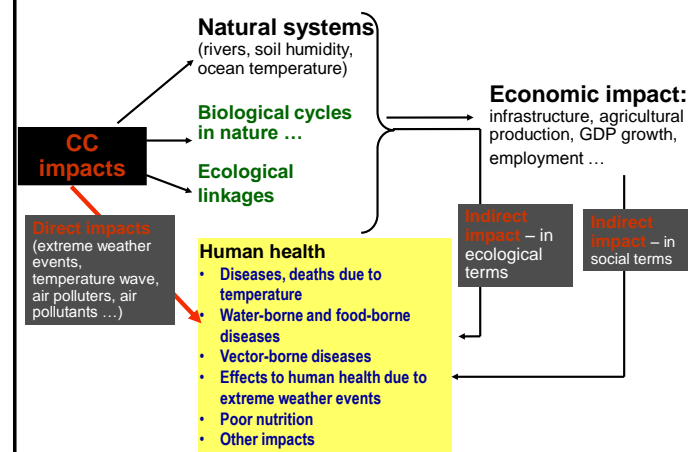


CLIMATE CHANGE and HEALTH: CHALLENGE and RESPONSE PLAN



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Climate change impacts to Health



Impacts of Climate Change

- Climate change has severe economic, social and environmental impacts to community health all over the entire world.
- Vietnam is one of the most vulnerable countries in the world to impacts of climate change.
- Health is the aspect which will suffer the most from climate change, with threats to human health, notably the poor and near poor groups'.

Challenges of the Health Sector in response to climate change

- Climate change is continuing and trends are reaching serious levels.
- Incidence of epidemic and vector-borne diseases caused by climate change is increasing.
- Knowledge and skills of climate change response of the health sector and communities is limited.
- Staffing and organizational system for working in response to climate change of the health sector is not yet established.

Situation of infectious diseases caused by climate change in Vietnam

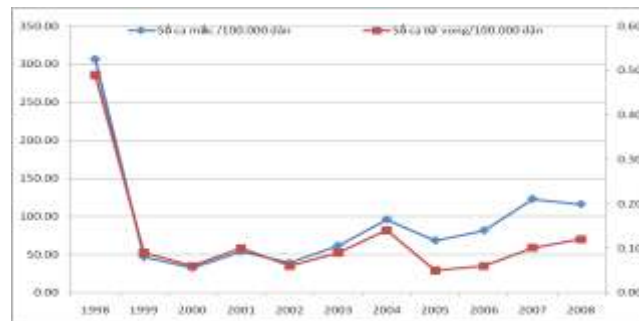
Swine Flu (H1N1):

- 10.156 positive cases of H1N1 and 23 death cases (as of 15/10/2009)



Situation of infectious diseases caused by climate change in Vietnam

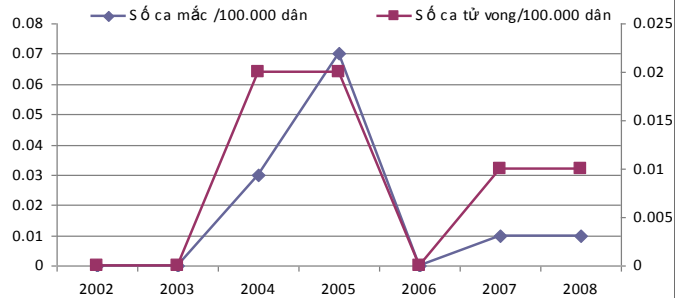
Dengue fever



Dengue fever cases and deaths from 1998 - 2008

Situation of infectious diseases caused by climate change in Vietnam

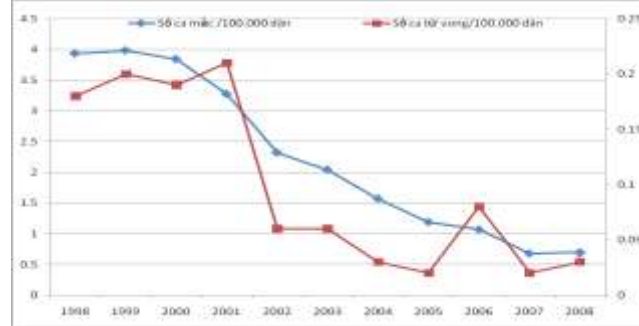
Bird Flu A (H5N1)



Bird flu A (H5N1) cases and deaths, 2003 - 2008

Situation of infectious diseases caused by climate change in Vietnam

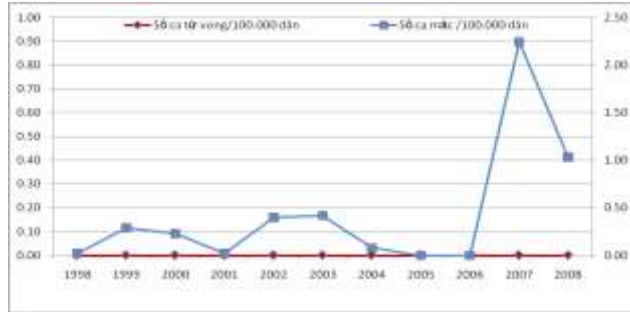
Malaria



Malaria cases and deaths from 1998 - 2008

Situation of infectious diseases related to climate change in Vietnam

Cholera



Cholera cases and deaths from 1998 to 2008

Situation of infectious diseases caused by climate change in Vietnam

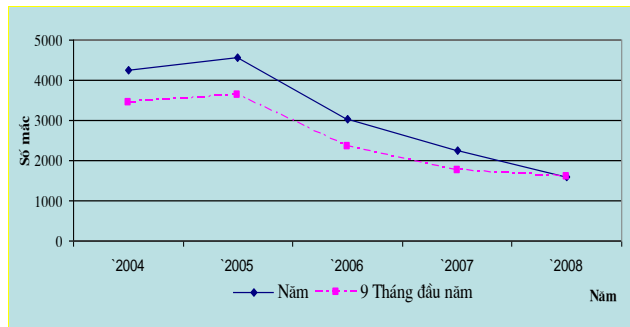
Diarrhoea



Diarrhoea cases and deaths from 1998 - 2008

Situation of infectious diseases caused by climate change in Vietnam

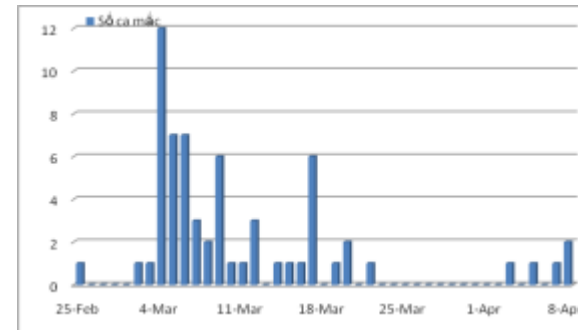
Typhoid



Typhoid cases and deaths from 1998 - 2008

Situation of infectious diseases caused by climate change in Vietnam

Severe acute respiratory syndrome (SARS)



Distribution of SARS cases from 25/02 to 08/4/2003

Situation of infectious diseases caused by climate change in Vietnam

Some findings:

- Vietnam has carried out many public health programs and the *National Target Program for disease prevention and control*. However, the country has faced incidence and outbreaks of epidemic diseases because of the climate and weather changes.
- In order to warn and control epidemic diseases caused by climate change, each country should develop concerted solutions for prompt response to minimize adverse effects to health.

Plan on climate change response in health sector

2. Strengthen organizational capacity and policies of Health Sector in response to Climate Change

- Develop framework for lawful regulations, mechanisms and policies in response to climate change of the health sector;
- Develop an Action Plan on climate change response of the health sector;
- Strengthen organizational issues and capacity building for the network of staff responsible for tasks of climate change response.

Plan on climate change response in health sector

1. Conduct assessment of climate change impacts to human health and propose response solutions

- Develop an assessment plan and conduct assessment of climate change impacts to human health;
- Develop a database, mapping of vulnerable areas to climate change in health sector;
- Propose solutions in response to climate change of the health sector;
- Pilot models of climate change response in areas seriously affected by climate change.

Plan on climate change response in health sector

3. Information communication for raising awareness, responsibilities in response to climate change for health staff and communities

- Disseminate undertakings and views of the Government and sectors in response to climate change
- Develop, compile and print CC communication materials
- Organize communications and trainings for health staff and communities;
- Conduct information campaigns on climate change to health sector in sensitive and vulnerable areas;
- Consolidate the pool of communicators at different levels, conduct trainings for them.