

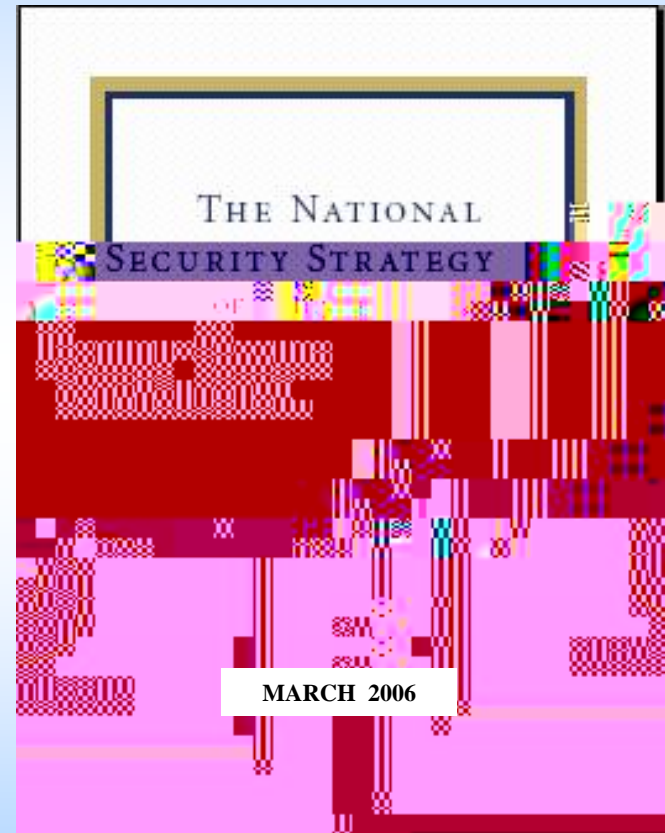
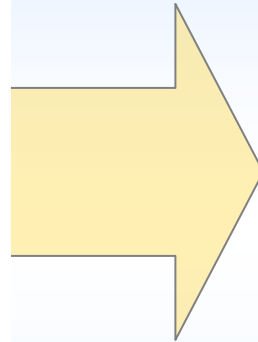
Constituent parts of “Human Security”

(UNDP 1994 Human Development Report)

- Economic security
- Food security
- Health security
- **Environmental security**
- Personal security
- Community security
- Political security



- Defense
- Diplomacy
- **Development**



Elements of National Power

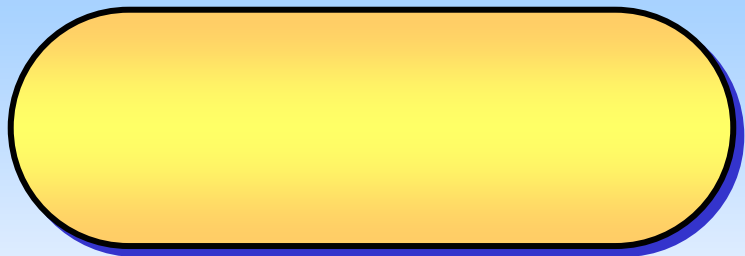
Economic

Diplomatic

Informational

Military





Environmental Security Issues

... are those environmental issues that affect U. S. National Security Interests;

“The stress from Environmental Challenges is already contributing to political conflict ...”

Shape the international environment in ways favorable to global security.

National Security Strategy



Preventive Defense Strategy

Promote trust, stability, and democratic reform, and so help to prevent the conditions for conflict and build the conditions for peace.

Secretary of Defense Perry

Shape – Prepare – Respond



Environmental Security Issues

Resource conflict

Water resources, fisheries, energy

Natural disasters

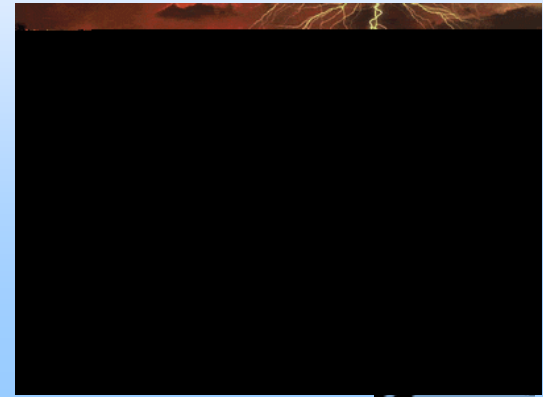
Seismic, droughts, floods, monsoons

Technological disasters

Chemical plant accidents, nuclear

Public health/pollution problems

Air, water, pandemics



Environmental Security Issues

Climate Change

Developmental Projects

Diversion of rivers and dams

Environmental degradation

Soil erosion, deforestation, subsidence

Environmental agreements

Illegal markets in endangered species/ozone



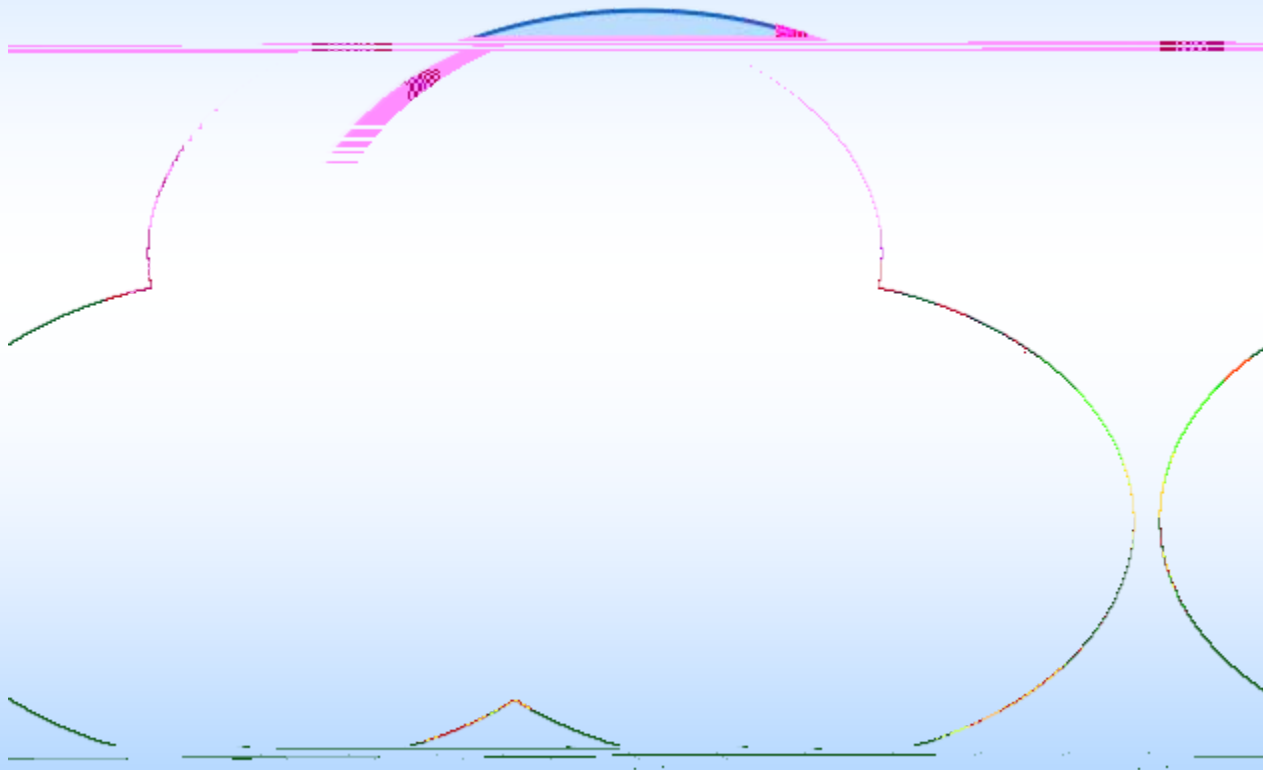
Importance of the Environment



Importance of the Environment



Sustainable Development



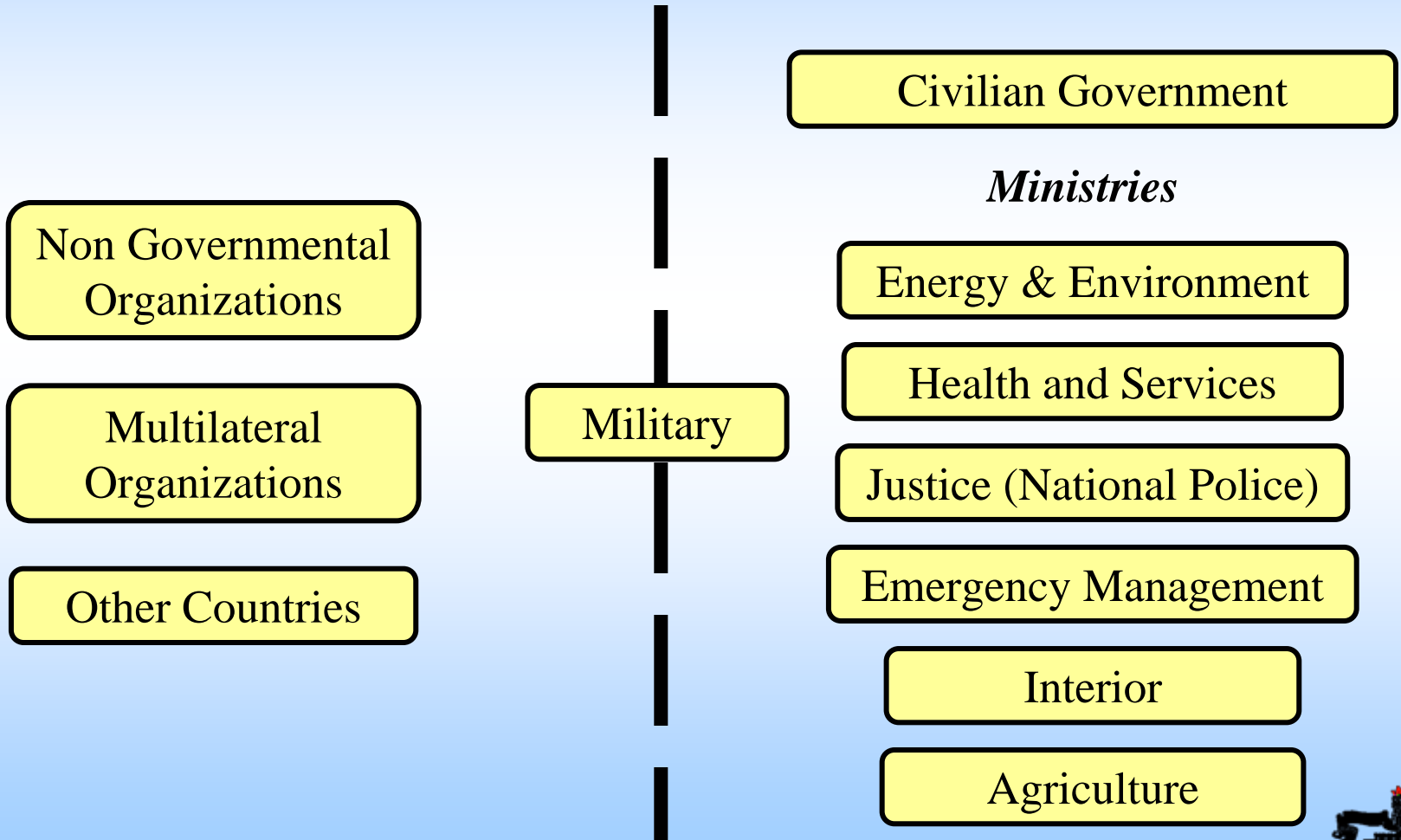




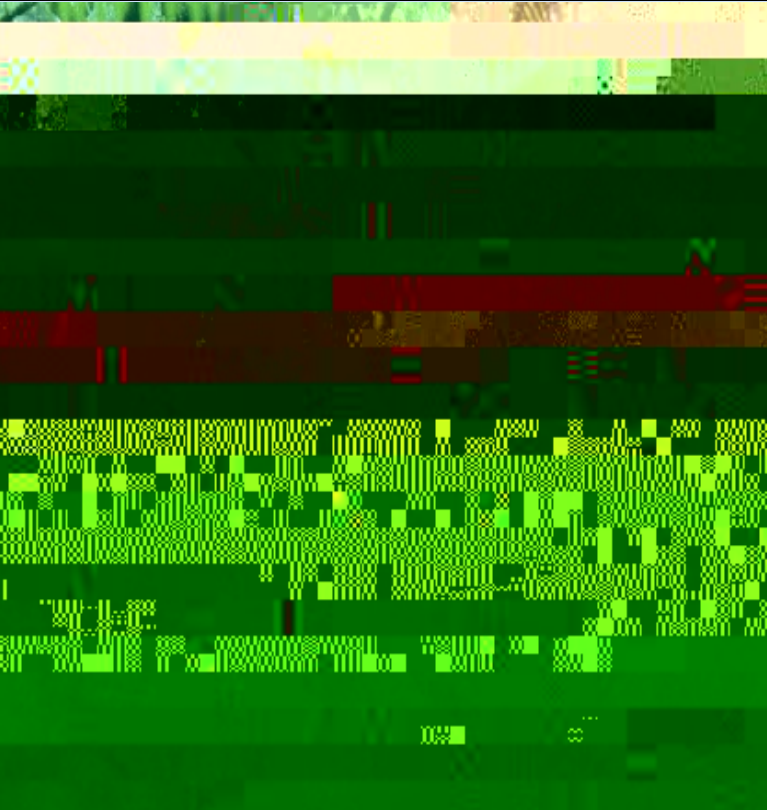
Military Support to Civil Authority on Environmental Terrorism

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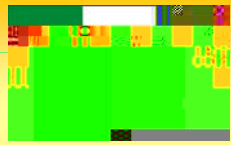


Military Environmental Stewardship in the Philippines



Green Panay Program



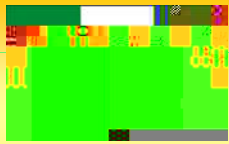


Defense: Environment Protection

MEXICO

- **Production of plants in forest nurseries**
- **Reforestation**
- **Maintenance to plantations**
- **Support in the combat of forest fires**



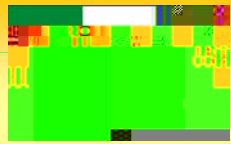


MEXICO

Defense: Production

- **46 military forest nurseries**
- **Species according to the region**
- **84 million plants/104.7 millions of trees**





Defense: Reforestation

MEXICO

- **Recent efforts include: 61,465 hectares reforested in 960 different locations**
- **9,600 soldiers fully involved in this task, mainly in the months of June to September**



Environmental Security

United States Interests turn on *regional stability*. Environmental issues, such as resource access and quality, are now recognized as a major variable in regional instability and conflict, exacerbating tensions resulting from religious, ethnic, and other local differences such as socio-economic disparities between rural and urban areas, rapid economic development, and border disputes. However, environmental issues may also promote regional stability as confidence building measures, creating opportunities for communication and cooperation between regional states that might in other ways be antagonists.

They offer a viable new option for U.S. preventive diplomacy and Combatant Commander engagement strategies.

