

Innovative CIO (Chief Information Officer) for Global Environment and Disaster Preparedness

ITU Symposium on ICTs and Climate Change

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The Role of CIO

CIOs play important roles in the **success of Innovation** since the designation of CIOs is seen as a very **vital strategy** to bridge the gap between **management and technology**

CIO is becoming very important since there is growing international collaboration to support CIO human resource development **for Innovation in Environment and Disaster problems**

CIO Contribution to understanding the following areas

- **Global e-governance**
- **HRD for ICT manpower for global environment management**
- **Role of ICT in disaster education**

Innovation policies in the fields of Environment and Disaster in Japan

Japan has developed and is implementing strong innovation policies in the following fields:

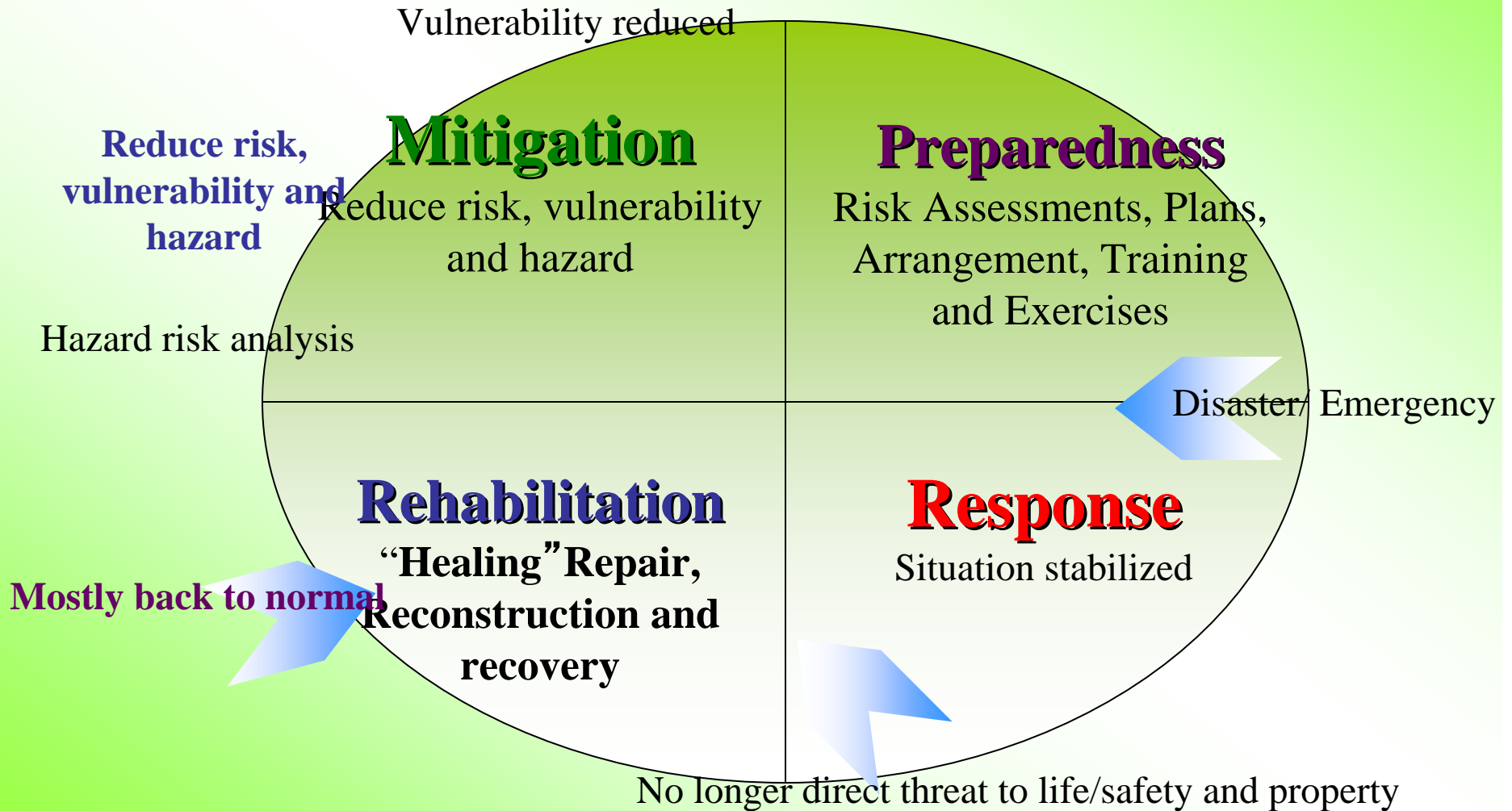
- **Global environmental issues as drivers for economic growth and international cooperation**

Sharing experiences and expertise

Workshops dialogues and seminars to share expertise including:

- **ICT seminars encouraging implementation of environmental and e-disaster education**
- **Assigning top priority for environment and disaster issues**

Cycle of Disaster Management



Environment and Disaster Education

- **Roles**

- An essential part of disaster preparedness and environment protection is the education since the plan will only be effective if the ultimate beneficiaries know what to do in times of environment and disasters issues and know what to expect

- **Education and Training forms**

- Special training courses
- Extension programs
- **New University for Green IT**



Harnessing ICT for Environment and Disaster Education

- **Training Methods**
 - **Training cannot be a one-time event**
 - **Refresher courses are essential.**
 - **Training should be active in every way possible.**
- **It involves the recognition and use of ICT**
- **ICT is a crucial means for local communities around the world to communicate effectively**

The Role of ICT and CIO

as Solution of the protection of Environment and Reduction of Disaster

Disaster

Tsunami, Typhoon, Cyclone
Terrorism, Pollution



Solution; ICT & CIO

Environment

Deforestation, Desertification, Global Warming

Conclusion and Recommendation

- **Importance of the role of CIO on Environment**
- **Solution of the interdependence between Environment and Disaster issues - Double risk**
- **The establishment of “Global Green IT” University**
- **Standardization for New benchmark on relationship between environment and disaster issues**

Thank you very much

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