



Improve Community Resilience to Urban Heat in Hong Kong

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香港紅十字會

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DISASTER RISK MANAGEMENT

PRACTITIONER SPOTLIGHT



EVA YEUNG

Senior Manager of Community Resilience Service

Hong Kong Red Cross, a branch of the Red Cross Society of China



With almost two decades of experience in disaster preparedness and relief, **Eva Yeung** works as the Community Resilience Senior Manager at the Hong



Road Map To A Resilient Hong Kong

Risk-knowledgeable

Socially cohesive

Connect to resources

Pillar 1



LEARNING AND EMPOWERMENT

- Accessibility to **risk information** by all age

Pillar 2



COMMUNITY-LED ACTIONS AND VOLUNTEERING

- Supports communities to **take actions voluntarily and provide mutual support**

Pillar 3



SOCIAL CAPITAL, PARTNERSHIP AND LEADERSHIP

- Build capacity and **engage institutions, and foster their leadership** in resilience



STRATEGY 2030

Platform for change
Global reach, local action



The Sendai Framework for Disaster Risk Reduction 2015-2030

Recognizes the importance of multi-hazard early-warning systems (MHEWS) in supporting disaster risk reduction efforts. Sendai aims to “Substantially increase the availability of and access to multi-hazard early warning systems” and disaster risk information and assessments to people by 2030

Early Warning for All Initiative (EW4All)

EW4All aims to ensure that everyone on earth is protected by early warning systems within five years through targeted investments.

Pillar 1 lead by UNDRR



Disaster risk knowledge
Systematically collect data and undertake risk assessments

- Are the hazards and the vulnerabilities well known by the communities?
- What are the patterns and trends in these factors?
- Are risk maps and data widely available?

Pillar 2 lead by WMO



Detection, observations, monitoring, analysis and forecasting of hazards
Develop hazard monitoring and early warning services

- Are the right parameters being monitored?
- Is there a sound scientific basis for making forecasts?
- Can accurate and timely warnings be generated?



Preparedness and response capabilities
Build national and community response capabilities

- Are response plans up to date and tested?
- Are local capacities and knowledge made use of?
- Are people prepared and ready to react to warnings?



Warning dissemination and communication
Communicate risk information and early warnings

- Do warnings reach all of those at risk?
- Are the risks and warnings understood?
- Is the warning information clear and usable?

Pillar 4 lead by IFRC

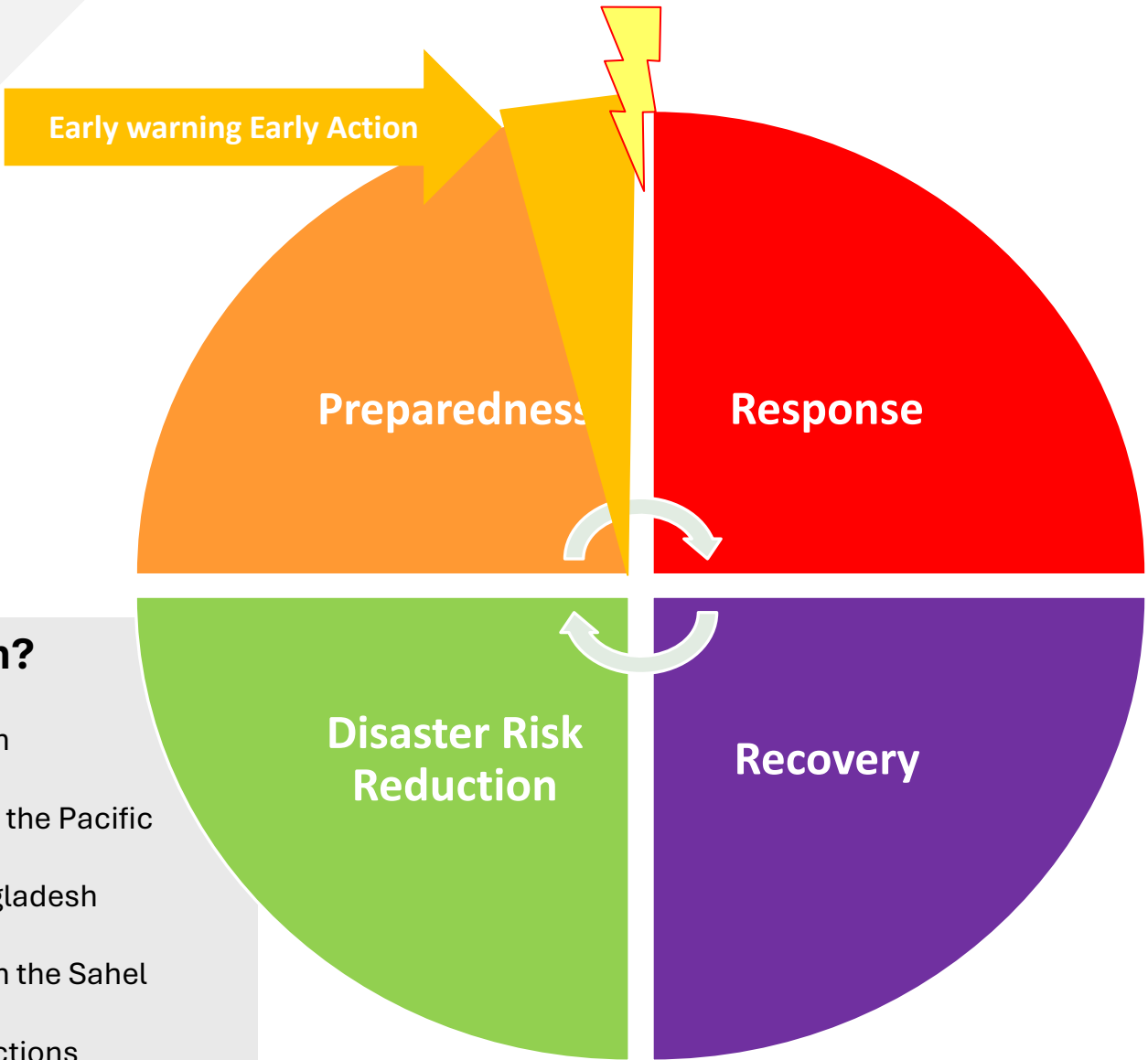
Pillar 3 lead by ITU

Community Early Warning System (CEWS) & Actions



Before moving into the Community Early Warning Action Plan, there are three important factors to consider. These are:

- **Consider an ‘all hazard’ approach:** this means including a range of different hazards that affect the community in your planning.
- **Consider hazards across different timescales:** now, short-term, medium term, long term.
- **Consider how hazards can affect people differently.** Who is at risk? Who is vulnerable to different hazards that are faced by the community?



What does 'early' mean?

- 3 minutes:** an earthquake in Japan
- 15 minutes:** a Tsunami warning in the Pacific
- 6-12 hours:** Flood warning in Bangladesh
- 6-12 months:** Drought forecasts in the Sahel
- 5-10 years:** Climate change predictions

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Public Education & Awareness

Training & Promotion



Thematic Seminar



Inhouse Training





Public Education & Awareness

Mass Event & Exhibition

International Day for Disaster Risk Reduction





Adaptation & Mitigation Initiatives for Vulnerable Groups

Need Assessment & Data Collection



Home Improvement



Community Engagement Activities





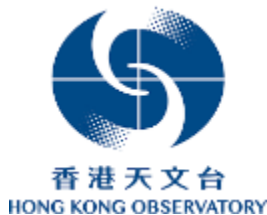
Adaptation & Mitigation Initiatives for Vulnerable Groups

Heat Actions





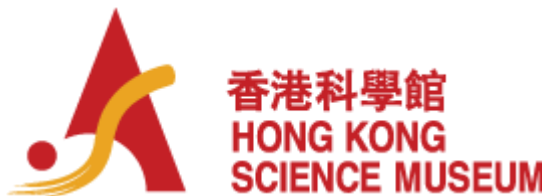
Cooperation & Partnership



香港建築師學會
The Hong Kong Institute of Architects



賽馬會氣候變化博物館
JOCKEY CLUB MUSEUM OF CLIMATE CHANGE



循道衛理觀塘社會服務處
KWUN TONG METHODIST SOCIAL SERVICE



關注草根生活聯盟
Concern For Grassroots Livelihood Alliance





What's next?

- Review past experiences
- Review triggering point for actions
- Tailor messages for different groups
- Working with nature

