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Round Table Discussion



EARLY WARNINGS FOR ALL

The UN Global Early Warning Initiative for the Implementation of Climate Adaptation



WORLD
METEOROLOGICAL
ORGANIZATION



COP27
SHARM EL-SHEIKH
EGYPT 2022

早期预警系统：

一个集危害监测、预报和预测、灾害风险评估、通信和备灾活动、系统和流程于一体的系统。使个人、社区、政府、企业和其他方面能够在危险事件发生之前及时采取行动，减轻灾害风险。

Early Warnings for All

全民早期预警

The delivery of **Early Warnings for All** in five years requires simultaneous development and implementation of the **four essential pillars** of Multi-Hazard Early Warning Systems (MHEWS):

Pillar 1: Disaster risk knowledge (对灾害风险的认知)

Pillar 2: Detection, observation, monitoring, analysis and forecasting of hazards (对危害及其可能后果的检测、监测分析和预报)

Pillar 3: Warning dissemination and communication (预警的分发和传播)

Pillar 4: Preparedness and response capabilities (备灾和响应能力)



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?



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?

Disaster risk knowledge and management

Pillar 1



Disaster risk knowledge and management

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?

Detection, Observations, Monitoring, Analysis and Forecasting

Pillar 2



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 to respond

Pillar 3



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



Warning dissemination and communication

Communicate risk information and early warnings

- Do warnings reach all of those at risk?
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The Executive Action Plan focuses on ensuring concrete implementation on-the-ground to make a difference and on securing sustainable financing of foundational elements to ensure rapid progress over the **next five years (2023-27)**. **Financing** will be balanced across the four components in an inclusive manner and financing by development partners will be tracked to improve effectiveness.

Figure 1: Budget overview for the four Pillars of the Early Warnings for All Initiative

多灾种早期预警系统

明确的角色、职责和协调机制

