



MANAGEMENT AND PROTECTION OF STATISTICAL SYSTEMS IN THE PRESENCE OF CLIMATE CHANGE

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ROLE OF THE CENTRAL STATISTICS OFFICE (CSO)

- Collect, compile, analyse and disseminate data while operating within a legal system.
- Support the movement from traditional statistical processes by harnessing the data revolution for sustainable development.

DATA SOURCES

- Surveys
- Administrative sources (Customs, IR, other Government departments, etc)
- Other (big data)

STATISTICAL SYSTEMS RESOURCES

- Human resources
- Financial resources
- Data
- Data storage
- Data dissemination
- Equipment
- Programs
- Physical working space

EFFECTS OF CLIMATE CHANGE ON STATISTICAL SYSTEMS

- Disruption of statistical functions
- Loss/breakdown of statistical infrastructure
- Loss of statistical data

EFFECTS OF CLIMATE CHANGE ON STATISTICAL SYSTEMS (CONT'D)

- Loss/reduction of human resources
- Lower output from statistical systems
- Increased financial cost

MANAGING AND PROTECTING STATISTICAL SYSTEMS

- Ensure that each staff member is informed of what is happening and their specific role before, during and after an event.
- Exercising safety rules as needed

MANAGING AND PROTECTING STATISTICAL SYSTEMS (CONT'D)

- Provision of adequate resources for all during any crisis period (this should be put in place before).
- Ensure that an adequate supply of basic items is available for the functioning of the system, for a specific time period so as not to result in any major disruption in the functioning of the statistical systems

MANAGING AND PROTECTING STATISTICAL SYSTEMS (CONT'D)

- Put systems in place for proper data storage such as cloud storage
- Maintain an updated GIS database for timely reporting of the effects of the impass
- Establish mechanisms for collecting data especially those most needed during such times (migration, trade, remittances, etc.)

MANAGING AND PROTECTING STATISTICAL SYSTEMS (CONT'D)

- Provide constant trainings for the enhancement of human resource, especially new staff
- Transfer of knowledge should be an on-going task within the system.

MANAGING AND PROTECTING STATISTICAL SYSTEMS (CONT'D)

- Incorporating resilience in the vision of all Government Ministries and departments through the *National Resilient Development Strategy (NRDS)*
- Promoting food security and self-sufficiency in a climate resilient environment
- Enhance the resilience of Ecosystems and the sustainable use of natural resources

MANAGING AND PROTECTING STATISTICAL SYSTEMS (CONT'D)

- Enhance infrastructure resilience
- Promoting Sustainable Human Communities
- Providing sustainable and adequate systems equipped to deal rapidly with shock impacts at all levels
- Implement a Comprehensive Risk Management Framework and aiming at a Low Carbon Development Pathway
- Economic innovations and empowerment through sustainable Climate financing

CHALLENGES

- Increased cost of operations
- Lack of resources to sustain the transformation within the statistical system

• *Thank you*