

SA

Implementation

Steps and strategies

- Introducing legislation to address the climate change and water cycle related issues in development processes
- Establishment/ strengthening of a high level coordination body to address the climate change impacts and adaptation
- Promote research on climate change and adaptation
- Improve awareness of climate change and impacts, adaptation at levels
- Efforts to bring private sector to fund climate research in universities and research organizations

Additional resources

- Funds for WCI activities from national and international organizations
- More funds for research for climate change adaptations to universities and R & D institutions
- Transfer of tools including models (GCM output downscaling, hydrological), Data to local agencies
- Funds for development of local data acquisition

Request to GEOSS

- To make easy access to global datasets and specially to receive more high resolution and near real time and real time data
- More conducive environment for exchange of information (sharing of experience through academic programs and training)
- Regional office for AWCI to coordinate activities under auspices of GEOSS

Coordination

- forum to coordinate:
 - Development of tools,
 - Capacity development programs through universities/RI and other organizations

Schedule

- 1st year :
Capacity building on use of the models
 - downscaling
 - hydrological models
- 1-3 year:
Research proposals/projects
- 2- 3year:
Installation of data acquisition systems
- 2 year : Establishment of regional centre