

**Sectoral Breakout Groups
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Draft template for project to develop of climate service for use in the Health sector

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Product/Service:

Title : Health Risk Management System Using Climate Information for the Third pole region

Description : Rise of global temperature can have adverse impact on Health Sector. The mountainous region will have much adverse impact on health. Increasing prevalence of vectors responsible for disease transmission. The transmission windows for vectors will be wider. The area which are presently not under the influence of some diseases (Malaria, Dengue, other vector borne diseases) may be effected due to the climate variability and change.

Geographic scope:

[Mongolia/Extreme Northern Myanmar/ Nepal/Uttarakhand (India) will benefit from this climate service]

Description:

- Climatology of derived indices and their health impact analysis.
- Space and time specific information (City/District) including short range to extended range model forecast

Objective:

- At present the climatological data may be available over the region. However, the derived indices based on its impact on health sector are not available. Objective will be to prepare the same.
- Preparation of impact based model forecast.
- To establish relationship between climate knowledge on health.

Beneficiary:

General public (Mainly the poor people and outdoor workers)/Decision maker

Benefits:

Minimising health related causality/risk over the region associated with rising temperature.

Outputs:

- Publications of detailed report.
- Development of Decision support system, preparedness plan (Action Plan), Preparation of manual about the decision support system.
- Awareness material for general people/ decision maker.
- Adaptation plan

Activities:

- Strengthening of observation and monitoring network over the region of interest.
- Research to establish linkages between climate information and health impact.
- Institutional coordination.
- Training

Inputs:

- Weather and Climate Data (Observation and Model forecast)
- Data pertaining to Health
- Socio-economic data to prepare the vulnerability assessment.
- Funding
- Trained Human resources

Partners:

- Research institutes, meteorological services, financing agencies, civil society (NGO), Department of public health, Municipal bodies.
- Regional and Global partners (WMO/WHO/UNESCO/RIMES/BIMSTEC etc]