



Climate Impacts and Services

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Importance of Understanding Climate Impacts and Services

- Is the foundation for **risk-informed development**
- Is an **investment** that produces high return
- Is a critical **regional public good**
- Is a priority under **ADB Strategy 2030**

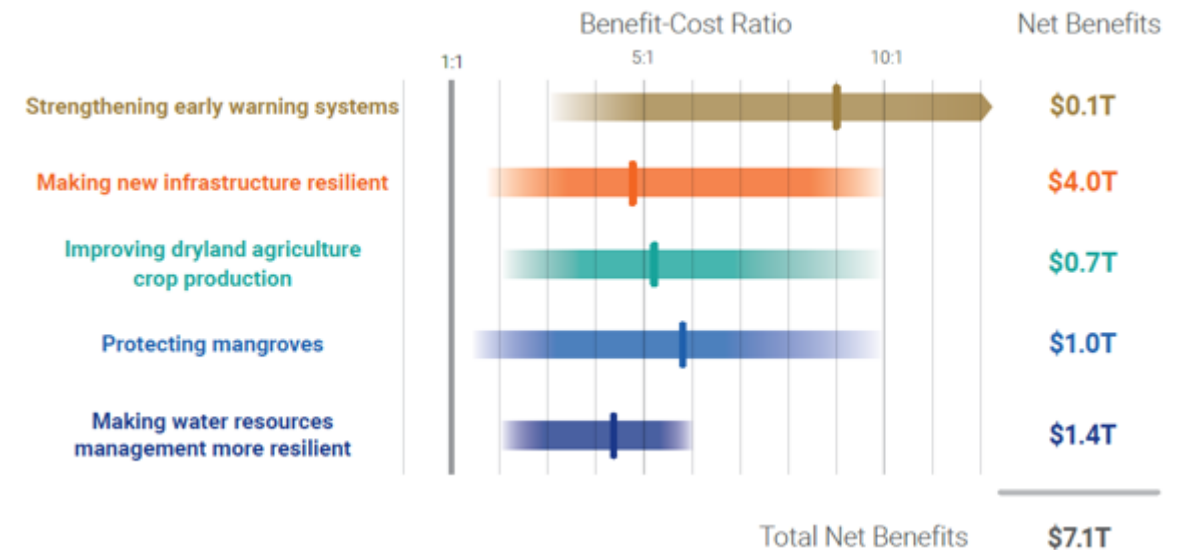
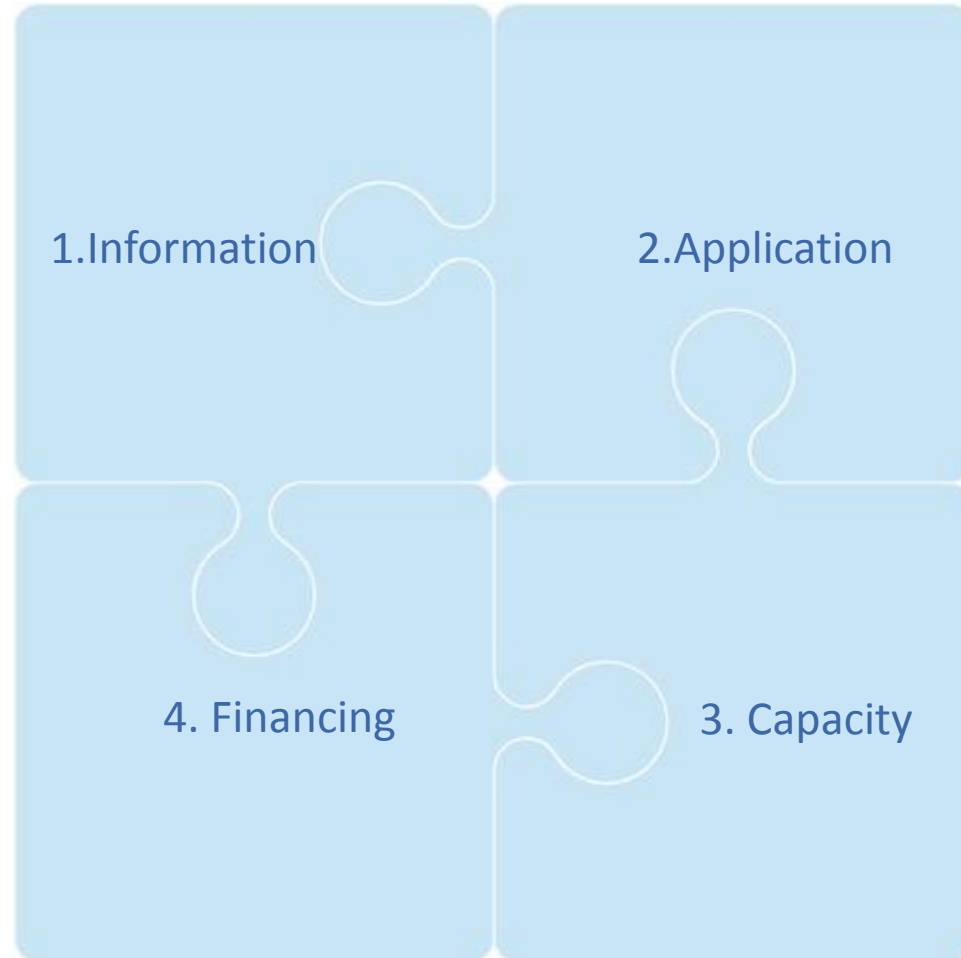


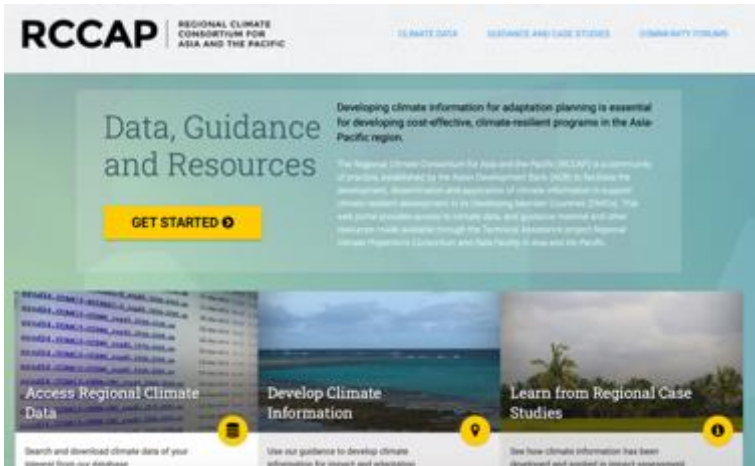
Image Source: Global Commission on Adaptation

Four Strategies to Increase Uptake of Climate Impact Information and Services

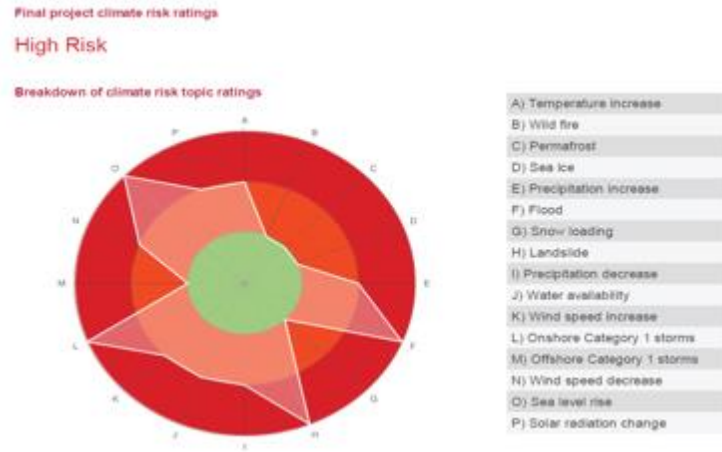


1. Generating Information on Climate Impacts

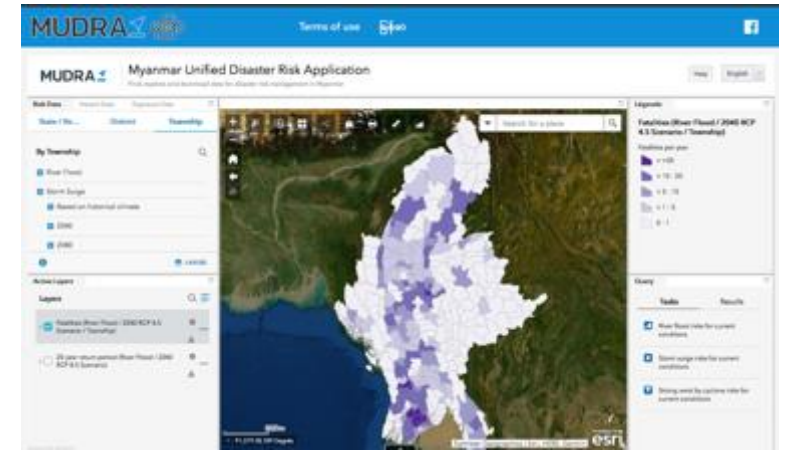
- Supporting generation of **'usable'** information on climate impacts



Regional Web based Tool on Climate Risk Information



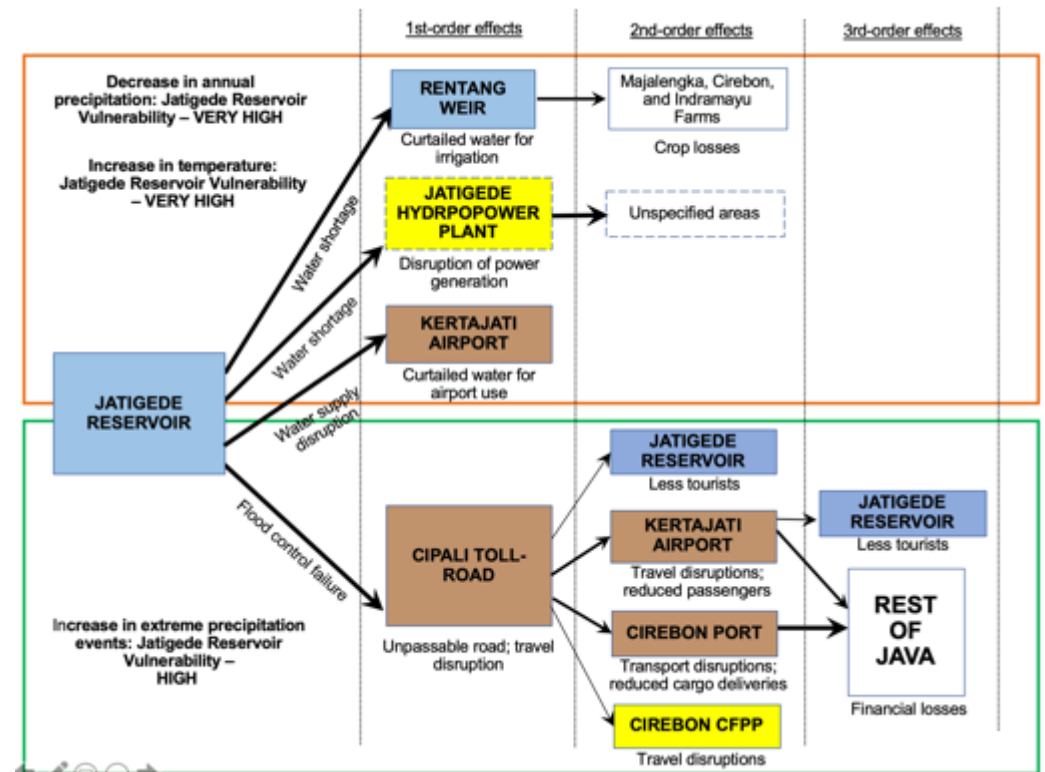
ADB Climate Risk Screening Tools



Myanmar Web-based Tool on Disaster Risk

2. Application of Climate Impacts and Services

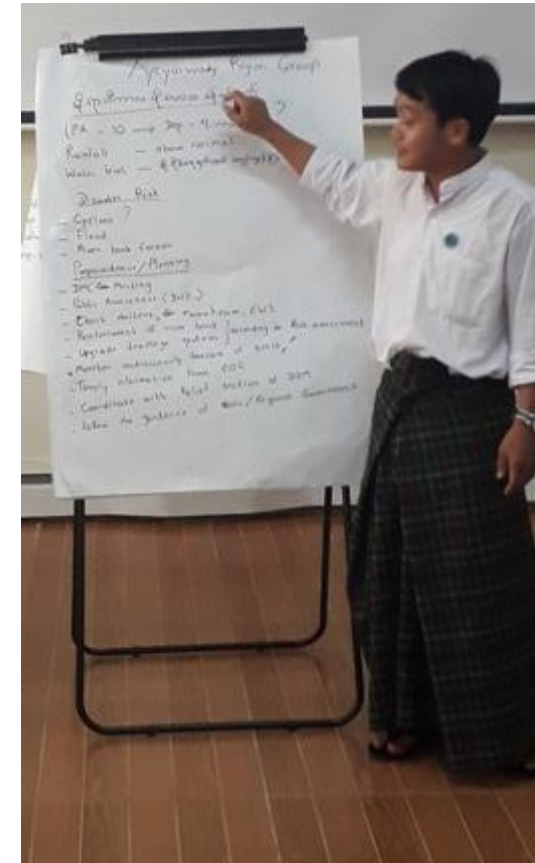
- Application across **range of sectors**
- Application depends on **temporal nature** of information and **policy context**
 - Inform long-term sector growth strategies
 - Identification of priority/critical infrastructure
 - Improve preparedness to extreme weather events



Example: Water Resources
 Analysis of impact of Climate Change on Critical Infrastructure Systems in Cimanuk-Cisanggarung basin, Indonesia

3. Strengthening Institutional Capacity for Climate Services

- Building capacity for **climate outlook based response**
- Enhance **products and services** to increase application
- Incremental **learning by doing** requires longer-term engagement



Example: Disaster Risk Management

Hands on Training for Staff from Department of Disaster Management on Medium-range Weather Forecast, Myanmar

4. Financing for Climate Impact Information and Services

- Mainstream into **budget for planning and asset management**
 - Link with infrastructure asset management systems
- Create demand to improve performance of **pro-poor development programs**
 - Social Protection Programs
 - Rural Livelihoods Programs
 - Microfinance Programs
- Linkage with **disaster risk financing products**
 - Agriculture/Disaster Insurance Products



Example: Agriculture
Pilot on Weather Index-based Crop Insurance, Bangladesh