



## **Availability and applicability of climate model outputs and downscaling data for policy makers:**

*Key issues for discussion*

**Xianfu Lu**

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# Policy makers are interested in...

1. What is expected to change? [**variable**]
2. Where are the changes expected? [**spatial scale**]
3. When are the changes likely to take place? [**temporal scale**]
4. How (un)sure are we about these changes? [level of **confidence**]

## Key elements of policy relevant climate information...

1. For relevant **variables**;
2. Covering targeted **geographic extent** and at appropriate **spatial resolution**;
3. Aiming at relevant **time frame** with appropriate **temporal resolution**;
4. Clear assessment of **confidence level**, and adequate guidance for interpretation and application

# Major barriers and gaps...

1. Climate **information needs** poorly specified
2. Gaps in the **provision of information** relevant for adaptation decision making
  - Deficit in scientific understanding/modelling (global);
  - Insufficient technical capacity to analyze and apply existing model products (particularly acute in NAI countries)
3. Inadequate **communications**

# Possible ways forward...

1. Analyzing **climate information needs** for adaptation planning;
2. Improving the **relevance and accessibility** of existing climate model and scenario products;
3. Promoting **effective communications** on the provision and application of climate information