

# ***Science-policy dialogues at national and regional levels***

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# *National dialogues*

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- Nigeria, Ghana, Senegal
- Tanzania, Rwanda, Burundi
- Bangladesh, Nepal, Bhutan





# ***Structure of the national dialogues***

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- **Sessions**

- Overview of climate change science
- Ecosystems and biodiversity
- Agriculture and food security
- Human health
- Disaster management and urban areas
- Identification of priority actions

- **Presentations**

- Global perspective from IPCC
- National perspective and initiatives
- Facilitated discussion



# ***Regional dialogue***



## **Climate change and agro-pastoral and pastoral systems in the West African Sahel**

- Niger, Mali, Senegal, Burkina Faso





# ***Structure of the regional dialogue***

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- **Sessions**
  - Climate and food production trends
  - Vulnerabilities and impacts in agro-pastoral and pastoral systems
  - Climate risk management and implications for adaptation
  - Enabling decision making for adaptation
- **Structure**
  - Brief presentations and facilitated discussions

# ***Observations from the dialogues***

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# ***Knowledge generation***

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- Knowledge gaps are hindering decision making
  - Observational studies to establish baselines

“Good activism requires good science”

- Disseminate pathways need strengthening
  - publishing in international journals
  - reaching a range of stakeholders

# *Policy issues*

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- National policy priorities
  - bad policy is magnifying vulnerability to climate risks
  - amend and enforce national laws; (legal frameworks rather than vague regulations)
- Integrated inter-sectoral planning
- Global policy frameworks
  - REDD, REDD+



# ***Investment and capacity building needs***

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- Reinvigorate universities
- Integrate CC into education
- Strengthen technical capacity (NMA and NARS)
- Data systems
  - access and transparency
- Strengthen communication pathways
  - training of news media
  - reaching out to traditional leaders



## ***Regional dialogue findings***

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- Institutions that generate climate services are not sufficiently coordinated or harmonized
- Much more participatory research is needed that considers the whole farming system
- ‘Futures literacy’ needs to be developed that allow society to begin contemplating long-term changes



## ***Elements of success***

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- Identifying entry points through existing policies and programmes
- Examining where institutions and policies do and do not mesh
- Identifying knowledge gaps and needs
- Incorporating national scientists into the dialogues



***For more information***

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**<http://start.org/programs/ccmap>**

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