



Group 4
**Climate Change Adaptation
and Mitigation**

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Task 1




Reported Key Researchable Issues

1. Adaptation for and mitigation of climate change
2. Develop bio-energy as complement and not at the cost of food security
3. Enhance energy security
4. Use renewable energy for agricultural practices and reduce pollution

Proposed Key Researchable Issues

- Capacity building and strengthening the data collection capability, analysis and modeling
- Impact assessment of climate change
- Climate change projections, early warning system, landuse plan and hazard zonation
- Dissemination, awareness and advocacy about CC among decision makers and Politicians
- Utilization of indigenous knowledge in CC adaptation
- Risk management and handling options

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- Feasibility and opportunity of bio-fuels in areas outside crop producing zones.
 - Enhance efficiency in agricultural system and to secure innovative alternate energy sources in rural area
 - Promote carbon sequestration
 - Develop climate change policy and sectoral action plans
 - Climate adaptation
 - Breeding for climatic stresses
 - Improve water efficiency
 - Precision agriculture
 - Disease surveillance and monitoring.....

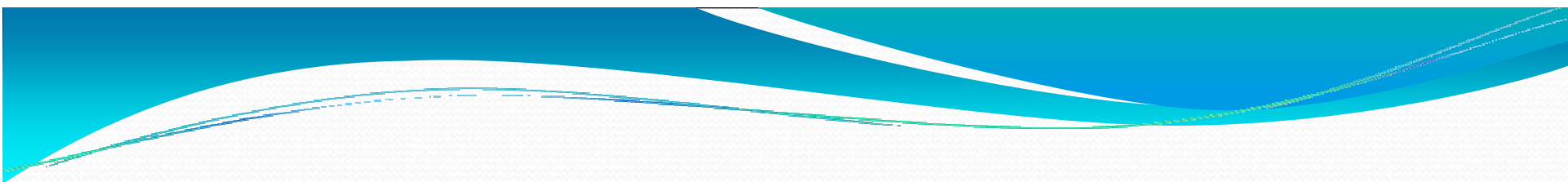


Task 2



Task 3

S. No.	Constraints and barriers	Measures to increase dev. impact	New Actors and partners
1	Lack of appreciation/awareness of magnitude of Climate Change Impact among policy and decision makers	Awareness campaigns through high level regional conferences, seminars	Policy makers, legislators, regional and international organizations
2	Lack of institutions for climate change research and national and regional information sharing	Designate the relevant data collecting and research institutions for coordinating Climate Change research	Relevant institutions and ministries
3	Lack of climate change research capacity	Development of research capacity at national and regional level	Relevant international/national organizations



4	Lack of/low funding allocations	Allocation of more funds from internal resources and mobilization of justified share of UNFCCC adaptation fund and from other donor agencies	Governments, UNFCCC adaptation fund through GEF and international donors
5	Lack of appropriate recognition of agriculture at international forum	Participation of high level national delegates and international organizations/NGOs in international communications	FAO, relevant ministries, ICARDA, etc.



Thanks