



DEPARTMENT OF ECONOMICS

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PLANNING COMMISSION'S CENTRE FOR RESEARCH IN PLANNING AND DEVELOPMENT

NATIONAL SEMINAR ON '*CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT: ISSUES AND CHALLENGES*'

JANUARY 23-24, 2013

CALL FOR PAPERS

Climate change poses a serious challenge to social and economic development globally; however developing countries are more vulnerable to the adverse effects of climate change mainly because of low income and dependence on natural resources by a large section of the population for their livelihoods. While economic growth is essential, it should at the same time reduce the adverse impacts of climate change so as to bring about sustainable development.

Climate change risks and vulnerabilities that threaten regional and national development need to be addressed in such a way that climate risks considerations and measures to ameliorate them are integrated in future developmental policies and plans so as to ensure sustainability. While mitigation efforts are global in nature, adaptation measures to climate change are more local in nature. Future development policies should be such that it is resilient to the impacts of climate change without jeopardizing the fruits of sustainable development. The achievement of sustainable development in the face of climate change risks and vulnerabilities is a huge challenge; while sustainable development can improve our capabilities towards implementation of mitigation and adaptation measures, it is most likely that climate change can slow the progress towards sustainable development; therefore it calls for targeted policy measures as well as technological interventions in an integrated manner which can ensure that future economic development is sustainable and climate resilient.

Mitigation and adaptation measures in the face of climate change and climate variability may push up the cost of development in the short term, but it is essential for resilient development in the long term. The Fourth Assessment Report (2007) of Intergovernmental Panel on Climate Change warns of human induced changing weather patterns, rise in temperature, rising sea levels and the consequent adverse impact on availability of basic necessities like freshwater, food security and energy. The Report reiterates the urgent necessity to redress these impacts through adaptation as well as mitigation efforts in the pursuit of sustainable development.

In the above context, a National Seminar is being organized at the Department of Economics under the auspices of Planning Commission's Centre for Research in Planning and Development, Faculty of Arts. The objectives of the Seminar are: to address the climate change related social and economic issues and challenges in some selected sectors of the economy, understand the economic behavior under risk and uncertainty in the context of climate change, assess the impacts on potentially vulnerable sectors of the Indian economy, assess the adaptation and/or mitigation needs in the face of changing climate and the costs/measures for sustainable development policy formulation and suggestions for translating them in a program of action and development planning.

Key focus areas are: **Agriculture and Food security, Water, Energy, Trade, Infrastructure, Urban Planning and Transport system, Gender issues and Employment. An indicative list of topics in these focus areas is appended to this call for papers.**

Papers are invited from academicians in the field of Economics, Law, Political Science, Sociology and Social work, Civil engineering and Architecture as well as policy makers and technologists working in the focus areas mentioned above.

All submissions should be typed in Font 'Times New Roman', Font size 10, and 1.5 line spacing. The authors of abstracts selected will be informed to submit full papers.

Local hospitality will be provided to all participants. For all outstation participants, accommodation will be provided in the University Guest House and II/III AC rail fare by shortest route will be reimbursed. International scholars are also welcome to submit abstracts/papers, however if selected, they will be reimbursed only the cost of taxi fare from the nearest international airport to Railway station and II/III AC rail fare by shortest route. Reimbursement of travel fare will be made on production of original tickets.

All contributions [abstract /full paper] as well as further communication may be done by email on the following email IDs : sarahmed77@gmail.com or ccsd2013@gmail.com

Submission Guidelines

Abstract [250words]:	October 30, 2012
Confirmation of abstract selection:	November 10, 2012
Submission of Full paper:	December 15, 2012
Registration :	January 10, 2013

Venue: Sri Aurobindo Seminar Hall, Faculty of Arts, Lokmanya Tilak Road Sayajiganj, Vadodara.

Dr.Sarah Ahmed
Associate Professor and Seminar Coordinator

Prof.Arti Nanavati
Head and Director [CPRD]

INDICATIVE LIST OF TOPICS IN FOCUS AREAS

Papers depending upon the discipline and the research questions (related to adaptive capacity/mitigation measures/socio-economic issues/policy implications / technological adaptation) can have appropriate theoretical/empirical and case studies based approach.

Agriculture sector: Adaptation measures and impact on the farm sector particularly in arid and semi arid regions related to agricultural productivity, food security, malnutrition, economic underdevelopment and migration to urban areas; financial implications of adoption of climate resilient technologies and role of financial sector in general and insurance sector in particular to help farmers to become more climate resilient.

Water: Impact on water availability and management of surface water and groundwater in the face of water abundance/scarcity in the short term and long term periods, various aspects of Integrated Water Resource Management, impact on land/water quality, agricultural productivity, health. Effective adaptation strategies, actions and technology use for sustainable water management and financial and environment implications of the same. Coping strategies and water governance issues, Spatial planning for water management, trans boundary river basin management, water security in arid and semi-arid regions, implications and policy measures related to adverse impact of climate change on human rights to water and sanitation.

Energy: water –energy –climate change nexus, reduction in carbon emissions, renewable energy sources and its integration into present and future energy systems, sustainable and energy efficient technologies and its social and economic impacts, energy consumption and energy security in developing countries.

International trade: Nexus of climate-energy-trade , Impact on international trade flow, changes in trade flow and composition under different climate scenarios and its impact on economic growth and sustainability, intertwining of climate change policies and trade policies, trade of agricultural commodities and its consequent impact on development prospects of developing countries.

Infrastructure sector: Technological innovations for infrastructure development, urban planning and transport, and cost benefit analysis in the context of various components of infrastructure sector.

Gender: Impact on women due to vulnerability of women on account of lack of wealth entitlements, rights over property, lack of articulation and effective participation in local governance. These and various other related dimensions of Gender and sustainable development issues can be analyzed in the context of Millennium Development Goals.

Local governance and Third Sector: Social capital, community organizations, local governance and their role. Case studies and examples of grassroots adaptive capacity innovations best practices and scope of their implementation.

Economy wide Implication: Over and above these very little is known about the broader economy wide implications of adaptation on economic growth and employment and its implications for sustainable development in the face of a changing climate. This area can also be explored.

It may be noted that the above is just an indicative outline, therefore paper contributions may cover other topics within the framework of the Seminar objectives and the focus areas mentioned. Most climate change issues are interconnected and interrelated therefore comprehensive papers covering one or more of the focus areas mentioned above are also welcome.