



National Seminar

on



CLIMATE CHANGE AND ITS IMPACT ON HIMALAYAN ECOLOGY AND FOOD SECURITY

Rescheduled on
25-26th of October, 2018



Organized by

Division of Environmental Sciences
Faculty of Horticulture
Sher-e-Kashmir University of Agricultural
Sciences and Technology of Kashmir, Shalimar
campus J&K,-190025

ORGANIZING COMMITTEE

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ABOUT SKUAST-K

Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST-K) is a multi-campus university established in 1982 with its headquarters at Shalimar Srinagar and its territorial jurisdiction spreads to temperate Kashmir and cold arid region of Ladakh. The university is committed to impart education in agriculture and allied sectors. The varsity also undertakes initiatives for the development of human resources, innovative technologies and their dissemination so as to serve the farming community of the State with dedication and zeal. Over the last ten years university has contributed significantly in the areas of diversification of cropping systems through the introduction of high density apple orchards, high value crops, organic vegetable production, revival of the land races suited to organic farming, organic nutrient management in saffron, propagation of walnut and other fruits, integrated nutrient management involving bio-fertilizers and vermin-compositing, bio-waste management. The university supports the Govt. of Jammu and Kashmir on human resource development, training and policy issues.

DIVISION OF ENVIRONMENTAL SCIENCES FACULTY OF HORTICULTURE

Division of Environmental Sciences was established in February 1990 as an interdisciplinary academic field. Presently, the Division offers M.Sc. and Ph.D. Programmes in Environmental Sciences. Many externally funded research projects related to agriculture and other allied environmental issues of the Kashmir valley have been concluded and some are ongoing. Division is actively engaged in various extension programs of the varsity and also facilitates testing of various samples (water, soil, sludge, waste) being received from various Government / private agencies. Scientists are also members of various scientific advisory committees of the Jammu and Kashmir Government. The alumni of the Division have been placed in highly reputed academic and scientific bodies of the State/country. The Centre for Climate Change and Mountain Agriculture affiliated with the Division (established in 2012) is committed to address climate change issues in Kashmir and Ladakh region. The centre is equipped with RS & GIS lab with high-tech infrastructure.

BACKGROUND

Over the past few decades, anthropogenic changes in the climate of the earth have become the focus of scientific and social attention. The most significant being increased levels of CO₂ and other green house gases in the atmosphere leading to global warming. Besides increase in the temperature, the quantity and the event of the rain and snow fall has also become more unpredictable and erratic. In J&K State like in other parts of the country climatic variations such as extreme temperatures in summers, short and warm winters, and shortage of irrigation water during critical periods of growth and outbreak of pests is now a common phenomenon. Frequency of natural disasters like drought, floods and strong winds has also increased. Under such climatic scenario, viable adaptation and mitigation strategies have to be evolved to understand vulnerabilities, impacts and management of natural resources and policies framed for safeguarding the food security and livelihood issues of the stakeholders..

ABOUT THE SEMINAR

This National Seminar being organized by the Division of Environmental Sciences SKUAST-Kashmir shall mainly focus to discuss the impacts of climate change on agriculture / horticulture, biodiversity, water resources, livestock, fisheries, forests, sericulture etc. This initiative shall bring scientists, academicians, research scholars, students, policy makers, administrators, and other stakeholders from various states of the country to deliberate upon the challenges proposed by climate change and the

strategies to combat it. The expected outcome and recommendations would help us to examine various analytical tools in order to have a better understanding of the various adaptation and mitigation strategies and will also help us to explore the linkages between climate change, science, vulnerabilities and natural resource management.

MAJOR THEMES OF SEMINAR

The themes of the National seminar shall be as under:

- 1) Climate change issues related to crops / fruits, livestock, fisheries and sericulture.
- 2) Water resources management and glacier retreat.
- 3) Biodiversity, management of forests and wetlands.
- 4) Urban development, human/animal health, organic farming.
- 5) Religious / Eco-tourism vis a vis climate change.
- 6) Pollution of air, water, soil and their impacts on plants, animals and microbes,
- 7) Modern tools to study climate change (Role of RS & GIS, weather and yield models).
- 8) Policy interventions, environmental laws and their implementations.

TARGET AUDIENCE

The National Seminar shall be of multi-disciplinary nature. The scientists, researchers, faculty members, research scholars / students from various universities, colleges, academic, research institutions, government officials, officers and field functionaries of the line departments viz., agriculture, horticulture, forestry, animal husbandry, fisheries, sericulture and other allied sectors are eligible for participation.

ABSTRACTS

Abstracts in consistency with the themes of the seminar are invited from the interested participants. They can send their abstracts **mentioning theme under which to be included at the top followed by the title, names of author / co-author and affiliation with valid email ID** (not more than 400 words, typed on A₄ size page with 1.5 spacing using Microsoft Times New Roman, font size 12) to Organizing Secretary, by or before 25th of September, 2018 at below mentioned email ID: cccma.skuast.kashmir@gmail.com. All submissions will be peer reviewed and evaluated based on originality and research content.

PRESENTATION MODE

The papers will be presented both orally and through posters. For oral presentation the maximum time limit shall be 10 minutes. Poster boards will be provided for poster presentation. The size of the posters should be 36"x48". All presentations shall be in English. Best paper and poster presentation awards shall be given to the participants.

ABOUT KASHMIR

The valley of Kashmir lies in the north of the India and Srinagar city is located 1585 m above sea level. The valley is known throughout the world for its scenic beauty with a happy combination of the splendor of majestic mountains, lovely lakes and dense forests. The beautiful Kashmir valley looks like a paradise on earth, even excels much adored Switzerland. The important picnic spots around the venue are famous Mughal gardens viz Shalimar garden, Nishat garden / Harwan garden, Botanical garden, Tulip garden, Chemashahi, Parimahal, Shankar Acharya temple, Nehru Park, Hari parbat and Hazratbal shrine. The other beautiful tourist destinations are Gulmarg, Pahalgam, Sonamarg, Yousmarg, Dodpathri, Kokernag, Verinag, Wullar and Manasbal lake. The climate of the valley is pleasant during October and temperature varies between 18°C to 25°C. Light woollens may be required during mornings and evenings. (<http://jktourism.org/>)

HOW TO REACH

The venue of the workshop will be Division of Environmental Sciences, Faculty of Horticulture SKUAST-Kashmir, located at Shalimar Campus adjacent to famous Mughal Garden Shalimar about 15 Kms from city centre Lal Chowk, Srinagar and about 26 kms from Srinagar International Airport. The city is well connected with major cities of the country through road and air. Nearest railway stations are Jammu Tawi, Udhampur / Katra approximately 300 / 250 Kms from Srinagar city. The participants opting to travel by train shall have to reach Srinagar Kashmir by taxi / tata sumo / bus from Jammu / Udhampur / Katra.

IMPORTANT DATES

- Last date for submission of abstracts = 25th Sep., 2018
- Intimation of abstract acceptance = 28th Sep., 2018
- Last date for submission of registration fee = 05th Oct., 2018

REGISTRATION AND ACCUMMODATION

The registration fee of the seminar is Rs.1000/-for research scholars/students and Rs.2500/-for faculty members / other participants who shall register up to 05th of October, 2018. For on spot registration Rs 1300 and Rs 3000 shall be charged respectively. This fee covers the cost of seminar-kit, lunch and sessional teas and transportation facilities from hotel to the venue and vice-versa. The out station participants will be provided with the boarding and lodging facilities on sharing basis and as per availability in the university guest houses on first come first serve basis. Other guest participants shall be accommodated in nearest hotels on request. The accommodation/guest house charges shall be borne by the

participants. One day post seminar field tour towards Gulmarg / Pahalgam shall be arranged by the organizing committee for non local participants.

HOW TO PAY REGISTRATION FEE

Registration fee can be submitted through online mode in favour of Head Division of Environmental Sciences, Payable at J & K Bank, SKUAST-Kashmir, Shalimar Srinagar, through NEFT / RTGS to A/C: CDR- 0242010200000058, IFSCCODE: JAKA0SKUAST (the fifth letter from left is zero). SWIFT Code: JAKAINBBSRI, MICR Code 190051064. **Local participants can deposit registration fees in cash in the office of Division of Environmental Science SKUAST-K Shalimar campus.**

REGISTRATION FORM

Name.....
 Gender: M/F.....
 Designation.....
 Organization/Institute/Department.....
 Address.....
 City.....
 State.....
 Mobile No:
 Email ID:
 Area of Interest / Theme in which you want to present your paper:
 Oral / Poster Presentation:
 Title of the Paper / Abstract
 Accommodation required Yes (.....) No (.....)

Travel Details:

	Arrival	Departure
Date / time		
Bus/ Flight Details		

