



Selected List of Oral Presentations-IESCCC-2026

|28-30 April, 2026|SKUAST-Jammu

Theme-1	Climate Smart Breeding & Production System for Resilient Agriculture
Time:7 min per speaker	Dr. Nazir Hussain, SKUAST-Kashmir <i>Heat unit requirement of sweet corn under different planting methods and dates in temperate Kashmir, India. A climate resilient smart crop</i>
	Dr. Chanchal, Abhilashi University, Mandi <i>Impact of climate-resilient agriculture interventions on reducing vulnerability in rain-fed areas of Jammu, India</i>
	Dr. Veena Sharma, SKUAST-Jammu, <i>Effectiveness of weather forecasts in supporting agro-met advisory for Jammu region</i>
	Dr. Mahender Singh, SKUAST-Jammu <i>Impact of weather parameters on growth and yield of basmati rice cultivars under sub-tropical condition of India</i>
	Dr. F.D Sheikh, KVK, Leh, SKUAST-Kashmir <i>Climate-resilient technologies for enhancing agricultural resilience in the cold arid Himalayas of Leh, Ladakh</i>
	Dr. Senbagavalli G, Agro Climate Research Centre, TNAU, Coimbatore <i>Elevated temperature stress and the resilience of rice varieties for sustaining yield and nutritional security</i>
	Dr. Syed Berjes Zehra, SKUAST-Kashmir <i>Climate-resilient controlled cultivation of lotus stem (Nadru) Nelumbo nucifera for enhanced quality and assured production</i>
	Dr. S. Kokilavani, Agro Climate Research Centre, TNAU, Coimbatore <i>Exploring Traditional Rice consumption in the era of climate change and lifestyle disorders: evidence from western agro climatic zone of Tamil Nadu</i>
	Dr. Sathyamoorthy N.K, Agro Climate Research Centre, TNAU, Coimbatore <i>Impact of elevated temperature on growth, physiology, yield and nutritional quality of horse gram</i>
	Dr. Ga. Dheebakaran, Agro Climate Research Centre, TNAU, Coimbatore <i>Thermal Sensitivity and productivity patterns in popular and traditional fields crops across Tamil Nadu</i>
	Dr. E. Kokiladevi, Department of Plant Biotechnology, TNAU, Coimbatore <i>Creation of novel alleles in rice for grain size and yield through genome editing</i>
	Dr. Sakshi Balyan, CSIR-CIMAP, Lucknow, U.P. <i>Breeding strategies for pellitorine enhancement in Anacyclus pyrethrum: a climate-smart approach to medicinal crop improvement</i>
	Dr. Vikas Gupta, ACRA, SKUAST-Jammu <i>Growth and productivity of pearl millet hybrids and relationship with weather parameters in North-West Himalayan region</i>
	Dr. Laxmi B Dharmannavar, CHRIST, Bengaluru, Karnataka <i>Modeling spatial dependence of extreme particulate matter 2.5 events in Bengaluru using non-stationary max-stable processes</i>
Dr. Khazin Hussain, DARS, SKUAST-Kashmir <i>Identification of climate-resilient maize germplasm for cold tolerance in the North-western Himalayas of Jammu and Kashmir</i>	
Dr. Kailash Prajapat, ICAR-CSSRI, Karnal <i>Conservation agriculture practices enhances productivity, resource use efficiency in North-western India</i>	

	Dr. Vishal Mahajan, KVK, Kathua <i>Assessment of long-lived carbon storage stocks in forest land-use systems of Kathua district(J&K) for climate-resilient agroecosystems</i>
Theme-2	Soil Water and Natural Resource Management for Sustainable Agroecosystem
(Time allowed: 07 Min)	Dr. Manpreet Kour, SKUAST-Jammu <i>Soil, water, and natural resource management for sustainable agroecosystems bioassay study for herbicide resistance in Phalaris minor under</i>
	Dr. Neetu Sharma, SKUAST-Jammu <i>Improving productivity and profitability of fine rice through nano-DAP fertilization</i>
	Dr. Vivak M Arya, SKUAST-Jammu <i>Spatial variability of soil carbon and nitrogen pools across contrasting land-use systems</i>
	Dr. Shreya Sharma, IARI, New Delhi <i>Zinc oxide-green nanoparticles: A strategy to mitigate adverse effects of moisture stress in wheat</i>
	Dr. Arun Kumar, BUA&T, Banda, U.P. <i>Optimizing water and nutrients for late-sown wheat under semi-arid Bundelkhand</i>
	Dr Sonika Jamwal, ACRA, SKUAST-Jammu <i>Management of various diseases in groundnut (Arachis hypogaea l.) varieties under rainfed conditions,</i>
	Dr. Reena, ACRA, SKUAST-Jammu <i>Biological control of guava cottony cushion scale, Icerya purchasi using entomopathogens</i>
	Dr. Lal Singh, FoA, Wadura, SKUAST-K <i>Response of nano-formulation of nitrogen and phosphorus in finger millet production under rainfed temperate condition</i>
	Dr. Mohammad Hasanain, ICAR- IARI, Regional Station, Pusa, Samastipur <i>Redesigning rice-based systems: Integrating crop establishment and diversification for resilient productivity and soil regeneration</i>
	Dr. Ashaq Hussain, MRCFC, SKUAST-Kashmir <i>Evaluation of biochar based fertilizers blends for improving yield and soil fertility in rice and sweet corn</i>
	Dr. Aabid H Lone, MRCFC, SKUAST-Kashmir <i>Feedstock-driven variability in bio-chars produced under uniform pyrolysis and its implications for soil health, climate mitigation, and carbon crediting potential</i>

Theme-III	Livestock, Fodder System, Fisheries under Climate Change
Rapid Fire Speakers (7 Min)	Dr. Nusrat Nabi Khan, FVSc. & AH, SKUAST-Kashmir <i>Effects of crossbreeding on growth and morphometric traits of sheep genetic groups in Jammu and Kashmir</i>
	Dr. Ruksana M Shah, FVSc. & AH, SKUAST-Kashmir <i>Exon IV Prolactin (PRL) gene polymorphism and its association with milk production traits in dairy cattle of Kashmir</i>
	Dr. Syed M Shah, MLRI, Mansbal, SKUAST-Kashmir <i>Revival of deceased high genetic merit valley-adapted Jersey germplasm- An ART approach for sustainable dairying</i>
	Dr. Munezeh Rashid, DARS, SKUAST-Kashmir <i>Cold stress tolerance in alfalfa (Medicago spp.): integrating morphological, physiological, and transcriptomic insights</i>
	Dr. Bilal Ahmad Bhat, FoF, SKUAST-K <i>A study on impact of climate change on wetlands of Kashmir Valley, J&K</i>
	Dr. Vikas Gupta, KVK Rajuri, SKUAST-K, <i>Performance of front line demonstrations of oats fodder in mid hills of Jammu and Kashmir</i>

Dr. Prem Kumar , KVK, Jammu, SKUAST-K <i>Quantifying yield gaps and assessing the impact of frontline demonstrations on composite fish culture in Jammu District</i>
Dr. Raj Kumar , SKUAST-Jammu <i>long-term impact of integrated pest management farmer field schools on farmers' attitudes, knowledge, and adoption: an ex-post facto analysis from North India</i>

Theme-IV	Agrobiodiversity, Horticulture and Agro-forestry under Climate Change
Time Allowed (7 Min)	Dr. Sushil Kumar , Faculty of Horticulture and Forestry, Navsari Agri. University, Gujarat <i>Evaluation of Indian bean genotypes against pod borer, <i>Helicoverpa armigera</i> in relation to plant morphological characters</i>
	Dr. Sukhjit Kaur , PAU, Regional Research Station, Gurdaspur <i>Efficacy of different pre-sowing treatments on germination and growth of Karonda (<i>Carissa carandas</i> L.) seeds</i>
	Dr. H. Mir , RHRSS, SKUAST-Jammu <i>Pre-harvest melatonin spray extends harvesting period and improves quality in litchi fruits</i>
	Dr. Jagmeet Namgial , SKUAST-Jammu <i>Floristic diversity and ethno-botanical uses of tree species in the campus of SKUAST-Jammu, India</i>
	Dr. Syed Naseem Geelani , FoF, SKUAST-Kashmir <i>Soil physico-chemical properties under prominent Agroforestry systems in District Baramulla of Jammu and Kashmir, India</i>
	Dr. Megna Rashid , FoF, SKUAST-Kashmir <i>Strengthening livelihood security and ecological sustainability through agroforestry in the Northwestern Himalayas</i>
	Dr. L. M. Gupta , SKUAST-Jammu <i>Evaluation of lemongrass cultivar (<i>Cymbopogon flexuosus</i> cv. Krishna) in a <i>Terminalia chebula</i>-based agroforestry system</i>
	Dr. Kamlesh Bali , SKUAST-Jammu <i>Decomposer insect diversity across elevation gradients: impacts on nutrient cycling in north-Western Himalayas</i>
	Dr Javid I Mir , CITH, Srinagar <i>Marker-assisted selection and genome editing for targeted introgression of precocity, fruit quality, and disease resistance in apple (<i>Malus × domestica</i> Borkh.)”</i>
	Dr. Mumtaz Ah. Ganai , FoA, Wadura, SKUAST-Kashmir <i>Nano-calcium borate: enhancing calcium and boron partitioning in apple through improved bioavailability</i>
	Dr. Muzafar Mir , Scientist, Fruit Science, KVK Poonch <i>Exploring combination of dynamic factors on success of walnut (<i>Juglanus regia</i> L) grafting in open field conditions.</i>
Dr. Meenakshi Gupta , Division of Silviculture and Agroforestry, SKUAST-Jammu <i>Appraisal of phytochemical constituents of <i>Cordia myxa</i> fruit pulp in Kathua district of Jammu</i>	

Theme-V,VI,VII,VIII	Technical Session-V: Digital Agriculture, Artificial Intelligence, and Emerging Technologies for Climate Resilience Technical Session: VI: Integrating Indigenous Knowledge & innovative Extension Services for Climate Change Technical Session: VII: Innovations, Policy, and Partnerships for Climate Resilient Agriculture Technical Session: VIII: Market Linkage, Agri-entrepreneurship, Startups & Sustainable Food Systems
(Time Allowed: 7 Min)	Dr. Shashwat Shukla -Council on Energy Environment and Water, New Delhi (T5) <i>Advancing climate-resilient agriculture in Bihar: addressing field-level gaps and scaling policy innovations</i>

<p>Dr. Arifa Bashir, FVSc., SKUAST-Kashmir (T5) <i>Influence of climate variability on apple scab infection dynamics and development of a novel decision support system for temperate Himalayan agroecosystems</i></p>
<p>Dr. Ashwini Pandhare, Tata Institute of Social Sciences, Maharashtra (T6) <i>Role of indigenous knowledge in promoting climate resilient farming in rural Maharashtra</i></p>
<p>Dr. P. Venkatesan, Extension Systems Management Division, ICAR-NAARM, Hyderabad (T6) <i>Indigenous agricultural practices in finger millet (<i>Eleusine coracana</i> (L.) gaertn.) cultivation: Rationality and adoption among tribal farmers of Tamil Nadu</i></p>
<p>Dr. Anil Bhat, Directorate of Research, SKUAST-Jammu (T6) <i>Knowledge and adoption of indigenous fodder and grain storage structures in the hilly regions of Doda</i></p>
<p>Dr. Arvind Kumar Ishar, KVK Rajouri, SKUAST-Jammu (T6) <i>Constraints faced by beekeepers of Rajouri district of Jammu & Kashmir in rearing and marketing</i></p>
<p>Syeda Uzma, SKUAST-Kashmir (T7) <i>Zinc Nano-formulation based management of <i>Trichoderma</i> sp. affecting <i>Oyster</i> (<i>Pleurotus</i> sp.) Mushroom</i></p>
<p>Dr. Ravneet Kour, KVK, Jammu (T7) <i>Analysis of economics and constraints of production in rapeseed-mustard under agro-climatic conditions of Jammu</i></p>
<p>Dr. Pawan Kumar Sharma, Division of Agri. Economics and ABM, SKUAST-Jammu (T8) <i>Growing organic, knowing little? Unpacking awareness gaps and PKVY'S influence in J&K</i></p>
<p>Rittika Raj, SKUAST-Jammu (T8) <i>Constraints in the Production and Marketing of Kaladi in Jammu and Kashmir</i></p>
<p>Sakshi Thakur, SKUAST-Jammu (T8) <i>Constraints faced by Hi-tech horticultural guava nurseries in upscaling technology of protected cultivation in Jammu region</i></p>
<p>Dr Neelam Yadava, Tata Institute of Social Sciences, Maharashtra (T8) <i>Innovative agri-enterprises: Catalyzing resilience against climatic adversities and shock in Dharashiv District, Maharashtra</i></p>
<p>Dr. Aryan Gautam, Department of Economics & Sociology, PAU, Ludhiana (T8) <i>Environmental cost of excessive fertilizer use in India: A life cycle assessment approach</i></p>