

SDG Blueprint for Sustainable Agriculture: Expert Consultation

Focus on SDG 1, SDG 3, SDG 4, SDG 5, and SDG 10

Date: 26th September 2023

Venue: TERI Headquarters, India Habitat Centre, Lodhi Road, New Delhi

Bio-notes



Ms Aakriti Uttam is a Program Officer, Capacity Building and Livelihood at Development Alternatives. Aakriti is a development practitioner with an experience of over twelve years in the sector. Her core area of interest includes natural resource management, agriculture, building institutions, behaviour change communication and waste management. She has worked with grassroots partners in some of the poorest pockets of India, and has developed skills in capacity building, institutional strengthening, resource mobilisation and liaison with government and non-government stakeholders. She has designed, trained and delivered capacity and knowledge building programs to over thousands of people belonging to different marginalised communities and has worked with some big partners that include UNICEF, UNEP, L&T, Axis Bank Foundation, HSBC, European Union, HCL Foundation etc.



Mr Biplove Singh is a development professional with over six years of dedicated experience collaborating closely with government agencies and civil society organizations. Currently occupying the role of Senior Manager within the Strategic Initiatives department at End Poverty, Biplove plays a pivotal leadership role in driving projects that revolve around the pivotal themes of sustainable livelihoods and climate change. Biplove has also achieved a postgraduate degree from the esteemed Indian Institute of Forest Management.



Brigadier Yogesh Kapoor, VSM (retd), Senior Advisor, Development Alternatives. With a career spanning three and a half decades in the Army, Brig Kapoor is an active member of numerous leading Think Tanks in the country. A regular contributor of his articulations on Geopolitics and Technology in the print media, he is an avid reader, having studied Human Ecology for deriving common 'Future Scenarios'. His incisive strategic vision and rich personal experiences have facilitated in identifying Key Thematic Areas by juxtaposing societal aspirations to factor impact on climate change, Bio-diversity and Water-potability, especially in the Himalayan region.



Mr Dev Nathan is an economist. He is an Equality Fellow at the Southern Centre for Inequality Studies, WITS University, Johannesburg; Professor at the Institute for Human Development, Delhi; and Visiting Scholar at The New School for Social Research, New York. He has done extensive work on global value chains and is a co-editor of the Cambridge University Press series on Global Value Chains. His work in the energy sector has concentrated on gender relations and the transition to clean cooking energy and low emissions rice cultivation.



Ms Drishya Pathak is a dedicated public health postgraduate and fervent environmentalist holding a degree in Microbiology. With over seven years of experience, she has collaboratively worked in both corporate and NGO sectors, demonstrating her expertise in strategically designing, leading, and executing diverse projects. Driven by her passion for environmental conservation, she firmly believes that safeguarding the planet should be a collective way of life. Throughout her career, she has contributed significantly to various public health domains, including COVID-19, tuberculosis, sexual and reproductive health self-care, endocrine-disrupting chemicals, and climate-health associations. In 2023, she earned the prestigious Alexander Von Humboldt Climate Protection Fellowship. Drishya has actively participated in notable public health projects such as the World Health Organization's Self-Care Guidelines for Sexual and Reproductive Health, research on Plastic Food Contact Materials and Chemical Leaching, Tuberculosis initiatives, and the Health Impact of Sargassum in Quintana Roo, Mexico. She previously served with the Nada India Foundation (NIF), advocating for health, child and adolescent rights, and a drug-free lifestyle.



Dr Mini Govindan is a Senior Fellow at TERI and has a PhD in Development Studies. She has over 22 years of professional experience during which she has served as a social and/or gender expert in various projects related to specific theme of gender, energy, climate change and sustainable development. Through her capacity she has worked extensively in several states of the country and delivered numerous stakeholder assessments, community engagement and mobilization, gender mainstreaming, as well as led many scoping and consultation sessions. Dr. Govindan is experienced working with multi-level and cross-sectoral stakeholder groups extending from local communities to decision makers. She has widely written on gender just transition and delivered numerous talks on these issues.



An ex banker by profession, **Ms Kalyani Raj** has more than 35 years of working experience with the corporate sector in India and Hongkong. She has worked with a leading nationalized bank in India and financial management firms in Hongkong. With an objective to utilize all her working experience for a good social cause to contribute meaningfully to society, she joined All India Womens' Conference as a volunteer in 1998. After supervising various social welfare projects for the NGO, for 20 years, Kalyani took over as Hon.Secretary General of AIWC at national level for the 2017-19

term and has recently taken over as the President of AIWC for the 2023-25 term. At the International level Kalyani has closely worked with WGC of UNFCCC on gender integration in Climate Change policies and is currently in the Facilitative committee of WGC.



Ms Komal Mittal is a Research Associate at the Center for Human Progress. She is also a Global Youth Mentor with the Protect Our Planet (POP) Movement. She has conducted extensive research on understanding self-care practices of the most marginalized and vulnerable communities in India. This research was supported by the World Health Organization (WHO). She led a national youth group supported by the Joint United Nations Programme on HIV/AIDS. Komal has been a proactive participant, as also, an organizer for several national and international conferences and has presented many research papers and reports on public health and climate issues. She was awarded the 'Research Excellence Award' in the field of biotechnology for her study on 'Extraction of Acid Soluble Collagen from Soybean and Tomato'. She co-authored a book entitled "Sexual and Reproductive Health and Rights: Self-care for Achieving Universal Health Coverage" with Dr. Saroj Pachauri and Dr. Ash Pachauri. With a focus on working on mental health, she contributed her expertise to uncover the vulnerability of human life and sustenance. She committed herself to preserve the environment and protect our planet. She believes in providing education and empowering communities, building awareness about environmental and health issues, and promoting youth and community action for improving the quality of life.



Dr Kanhaiya Prasad Tripathi Received Graduation Degree from Gorakhpur University, Gorakhpur in 1987 and Post-Graduation and Ph. D in Soil Chemistry from G. B. Pant University of Agriculture and Technology, Pantnagar in 1990 and 1993, respectively. Joined Agricultural Research Services of ICAR in 1993 as Scientist and promoted to the post of Principal Scientist in 2010. During this period worked in different agroecological regions like NEH region in Barapani, arid region in Jodhpur and Gangetic Region, Meerut. Developed many field-based technologies for phosphate solubilization, rehabilitation of soils polluted with industrial effluents, nitrogen dynamics in arid soils, crop residue management in irrigated cropping systems etc. Since 2013, looking after ICAR accreditation to Higher Agricultural Educational Institutions. Working as Coordinator Accreditation in the National Agricultural Educational Accreditation Board of ICAR contributed in restructuring of the Board, introduction of Scoring/Grading in accreditation, formalization of three-tier accreditation system, linking of accreditation with development grant to the agricultural universities and implementation of accreditation linked admission in All India seats in Higher Agricultural Educational Institutions.



Dr Laxmi Joshi is a Fellow at NCAER with research interests in agriculture and rural development. She has worked on issues related to the Agricultural Outlook Situation Analysis, National Rural Employment Guarantee Act, economic benefits of weather and marine services, air pollution issues in agriculture, India's cotton revolution, dairy development, Fisheries Sector, and farm mechanization, Direct Benefit Transfer (DBT). Presently she is doing a project with UIDAI on the Impact of Aadhaar on GDP. Before NCAER, she worked at the National Commission on Farmers and the National Institute for Agricultural Economics and Policy Research (NAIP). She has several publications in national and international journals on important subjects of relevance. She has Ph. D in Agricultural Economics.



Dr Livleen Kahlon is currently associated with the Environment Education and Awareness Division of the organisation as its Associate Director at TERI. She is actively involved in strategic execution of various models of Education for Sustainable Development (ESD) to achieve transformative impact amongst several sections of the society. Experienced in spearheading research, outreach and conservation education. Dr Kahlon has worked with World Wide Fund for Nature (WWF-India) and National Institute of Science Communication and Information Resources (NISCAIR). With over two decades of experience, she has worked extensively in examining cross-cutting environment issues such as energy, waste, water, climate change, biodiversity, agriculture, and more in context with curriculum linkages, education tools, trainings and capacity building with a whole school approach and a multiplier effect.



Dr Mansi Chopra, PhD from All India Institute of Medical Sciences (AIIMS) and Lady Irwin College, with 12+ years of experience is currently working as a Deputy Director, at HRIDAY, which is a not-for-profit organization based in New Delhi, India. HRIDAY is the Secretariate of the Healthy India Alliance (India NCD Alliance), a coalition of civil society organizations which has led multiple efforts in India to build momentum on positioning the 'voice of people' in the centre of policy and programmatic planning and implementation. The Alliance focuses primarily upon addressing NCDs from a health and development perspective, particularly in the context of Goal 3.4 under the Sustainable Development Goals. Furthermore, she is involved in leading the development and implementation of research and programmes on NCD prevention, management, and control. She is the Chair, Communications at the Global Research Network, SRNT and Fellow, Less Alcohol Unit, WHO HQ. Formerly she was the Deputy Lead at the National Centre of Excellence and Advanced Research on Diets (NCEARD), Department of Food and Nutrition, Lady Irwin College, supported by UNICEF. She led the portfolio on maternal and adolescent nutrition including development of the antenatal nutrition and high-risk pregnancy guidelines for the Ministry of Health and Family Welfare, GoI. Prior to joining NCEARD, she worked with AIIMS and Department of Food and Nutrition, Lady Irwin College for more than 8 years.



Dr Neetika W, Chhabra is doctorate from Department of Botany, University of Delhi. She worked in The Energy and Resources Institute as Fellow in Biotechnology and Bioresources Division for over 14 years. Her area of work has been plant micropropagation, biopesticide-biofertilizer production and agri-extension. She has worked with over 2000 farmers in selected districts of Himachal Pradesh and Assam, trying to enhance their livelihood through cultivation of high value crops and introduction of different biotechnological Interventions. Dr Chhabra has also worked extensively on Smart Urban Organic farming, trying to reduce the carbon-foot print, mobilizing people to grow their own food organically in whatever space they had, promoting production of compost/ vermicompost, Biofertilizers and Biopesticides, etc. Dr. Chhabra has also worked with Centre for Agriculture and Rural Development (CARD) as Director. She worked extensively with FPOs and FFPOs, Agripreneurs etc., tried to build their capacities, create awareness, help them develop the complete value chain, etc. She has also developed various CSR projects on women empowerment and livelihood enhancement of agrarian population. Currently, she is working as a Fellow in Strategic Communication for Sustainability area under Environment Education and Awareness Division. Her current role involves bringing about a behavioural change in different segments of the society through different interventions and help them adopt a sustainable lifestyles. Dr. Chhabra has a number of peer-reviewed National and International Publications to her credit.



Dr. Ranjeet Singh Rajpoot currently is deputed at the position of Deputy Director Project Development at the Small Farmers' Agribusiness Consortium, Government of India, New Delhi. Earlier, working with as Senior Scientist and Head at Krishi Vigyan Kendras of Chhattisgarh he has an extensive work experience of 22 years. He has dedicated a crucial part of his life for social upliftment and livelihood promotion of tribal farming communities. He has contributed to a number of research papers and publications on Agriculture Extension and also is the proud recipient of the National/ Zonal ICAR Award. Currently at SFAC, he is involved in several flagship schemes of Government of India namely FFPOs formation and promotion under Pradhan Mantri Matsya Sampada Yojna (PMMSY), promotion of honey bee keeping activities in FPOs with assistance under National Beekeeping and Honey Mission. He has successfully handheld FPOs in getting credit linked under Credit Guarantee Schemes, assistance for infrastructure development, promotion of processing and value addition and creating market linkage with corporate market players and through online marketing platforms like ONDC. Earlier, working with as Senior Scientist and Head at Krishi Vigyan Kendras of Chhattisgarh he has an extensive work experience of 22 years.



Dr Richa Sharma is Fellow and Area Convener for the Environment and Health Assessment Area under the Air Quality Research Division at The Energy and Resources Institute (TERI). At TERI she is currently heading the work at intersections of environment and health including climate change and health issues. She has experience working on various WHO and UNDP projects including research projects such as the WHO Research Subcommittee Report on the global climate change and health

research, capacity building works such as WHO SEARO project for developing training modules on climate change and health for OpenWHO Platform, policy recommendations and briefs for India for the Lancet Countdown on health and climate change, as well as Government of India projects such as activities conducted as the Centre of Excellence for 'Green and Climate Resilient Healthcare' under National Action Plan on Climate Change and Human Health. She has also been involved in teaching modules on climate change to the MPH (Master's in Public Health) students and developing course modules for multi-country ELearning course on the Global Perspectives of Climate Change & Health for medical students and professionals. Dr. Sharma has completed her Master's and PhD in Environmental Sciences from TERI SAS in 2014 and pursued her postdoctoral research at RMA Unit in VITO, Belgium.



Prof Rupa Upadhyay has been an active researcher for the past 20 years. Her areas of research are: Sustainable Agriculture, Applied Botany, Horticulture based Livelihoods, Post-Harvest Management of Food Crops, Characterization of Varieties through Seed Protein Electrophoresis, Climate Smart Agriculture etc. Earlier also she has worked on development of Hybrids in Vegetable Crops using indigenous lines. She has presented several papers in conferences and seminars. Prof Upadhyay has been invited as advisory Committee member for the revision of curriculum in many Universities/ Organizations e.g. AMITY/ NCERT/ UGC/ NIFTEM/ UNESCO/ University of Delhi etc. She has examined many thesis and conducted Viva voce examinations. During the pandemic, Prof Upadhyay gave many webinars for the Scientists, faculty, KVK workers and research students. She has more than twenty publications in Journals of repute to her credit. She has authored and co- authored manual and books.



Dr. Sai Krishna, is the CEO of National Skills Foundation of India (a Not for Profit) working in the domains of Climate Smart Agriculture, Agritech Applications in Rural India, Entrepreneurship and Developing Viable and Sustainable Development Impact Models in India and exchanged them with other developing nations. Mr. Krishna is a Co-founder of Social Enterprise Skill Green Global that operates in the domain of building the capacities of Farmer Producer Organisations for their Business Excellence and field agents who incubate and accelerate Rural Enterprises. He is Member of Board at Agriculture Skill Council of India (one of the Sector Skill Councils set up by Government of India) and co-authored Volume 9 of Doubling of Farmers Income by Dr. Ashok Dalwai Committee. Mr. Krishna has designed and incubated various models for viability at the grassroot level in the domains of dairy, renewable energy, green skills, rural entrepreneurship etc,. He authored various articles and publications in the fields of climate smart agriculture, digital inclusion, skill development and transforming food systems."



Ms. Shaguna Gahilote holds a Masters' degree in Industrial & Environmental Modeling from University of Bristol (UK). Shaguna brings with her over 18 years of experience in the development sector working in senior managerial level positions with organisations such as UNESCO and the British Council. Shaguna has worked on heritage and development focusing on the upliftment of rural communities, livelihoods, education and culture, developing strategies with international and government agencies and responsible for collaborating with state governments, and international donors for programs. Currently with UN Women, Shaguna is Program Analyst with the Women's Economic Empowerment team leading the work in livelihoods, climate action and sustainable agriculture.



Dr. Shoba Suri is a Senior Fellow with ORF's Health Initiative. She is a PhD in Nutrition and Physiology from Bharathiar University, Coimbatore with a 29 years' experience in community and clinical research. She has worked on nutrition, healthcare, infant and young child feeding, policy advocacy and assessment. She has more than 50 research publications in journals, books and media. Her research writing focuses on women and children health and nutrition, women empowerment and malnutrition. She has represented as speaker in many forums. In her previous assignments has worked with the UN and World Bank on projects related to child nutrition. Has been a part of the World Health Assembly. She is a trained Infant and Young Child Feeding specialist, and has widely traveled for her research work.



Mr V Sampath is a Manager of Monitoring & Evaluation at End Poverty. End Poverty has been working actively since 2009 towards poverty reduction in the poorest parts of our country with primary focus on value chain development in Dairy and Agricultural Value Chains. To maximize & sustain our impact, we've been working on enhancing Gender Equality and Education as our secondary focus area. We have been contributing to the following SDGs through various programs that we're implementing in collaboration with different CSOs and CSR agencies: SDG 1, SDG 2, SDG 3, SDG 4, SDG 5, SDG 8, SDG 10, and SDG 14.



Ms Vaishali Chopra is a development communication professional, working as a Project Officer – Partnerships and Communications at HRIDAY. HRIDAY works in public health with an aim to achieve Non-Communicable Diseases (NCDs) and Universal Health Coverage (UHC) targets linked to SDGs Agenda 2030. HRIDAY serves as a Secretariat of Healthy India Alliance that works towards enhancing meaningful engagement of people with lived experiences. Ms Chopra has been working at the cross-section of programmes, research, communications and CSR verticals of the organisation. Currently, she has been involved in projects on the prevention and control of NCDs and their risk factors promoting community engagement and involvement.



Mr Shyam Sundar Sridhar is a Policy Manager at J-PAL South Asia for the Agriculture and Finance sectors. Prior to joining J-PAL, he provided research support on public policy to a national political party. A former Legislative Assistant for Member of Parliament (LAMP) Fellow, he has previously worked with Young Leaders for Active Citizenship (YLAC)/The Quantum Hub (TQH) and Newslaundry. He has also worked as a consultant on tech policy with clients in the online gaming sector. Shyam graduated with an Integrated Master's degree in Development Studies from the Indian Institute of Technology Madras.



Ms Bhawna Mangla is a Research Manager at J-PAL South Asia where she manages multiple research projects (primarily on agriculture, gender and labour) as well as supports by providing technical oversight on research and ethical integrity, data quality, and protection. Before joining JPAL in 2022, she has worked as a core team member of the research and evaluation team at Save the Children, India and S M Sehgal Foundation. Bhawna holds a Master's degree in Economics (with specialisation of Environmental and Resource Economics) from TERI School of Advanced Studies, New Delhi.