

## Session Overview

**Title - Invest in Soil Health – fostering the future of climate change mitigation and adaptation.**

Soil health regenerative practices are difficult to implement at scale. Leveraging finance is a key incentive for just transition. This session explores practices benefiting soil health, data driven agricultural transition and investment opportunities to facilitate climate mitigation and adaptation.

Taking the form of a “fireside chat”, the facilitator will pose questions to each panellist and catalyse an interactive discussion on what soil health looks like in practice and how investment and just transition can be achieved.

## Speaker Biographies



**Jack Hannam** - Dr Jack Hannam is 2023 – 2024 President of the British Society of Soil Science. She is a soil scientist specialising in soil data, digital soil mapping and soil health. Her research focuses on digital soil mapping, applications of conservation agriculture to improve soil health, developing decision support tools for planning soil and landscape decisions and the application of application of national and local scale soil data for policy and business applications.

She leads the LandIS team at Cranfield University, who are responsible for the national soil data for England and Wales. Jack joined Cranfield University in 2004 as a Research Officer in Soil Systems. Before joining Cranfield she worked at ETH Zurich and the University of Liverpool on international projects related to environmental magnetism.

Jack is also vice chair of the International Union of Soil Science (IUSS) Division 1: Soil in Space and Time. She is an Associate Editor for the journals Soil Use and Management and SOIL. She is a passionate science communicator and has been interviewed on the BBC Radio 4 Today programme, Sky News and BBC World. She founded Soapbox Science in Milton Keynes in 2015, a public outreach platform promoting women in science.

She teaches soil systems on the Agrifood and Water MSc programmes at Cranfield and supervises MSc and PhD students. She has developed and delivered advanced training courses in soil systems for NERC early career researchers and bespoke short courses for environmental science professionals.

75  
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**Paul LUU** -61 years old, Paul LUU is an agronomist specialized in tropical agronomy, graduate from AgroParisTech, the Institute of tropical areas and the University of Montpellier (PhD).

He began in the field (6 years) in agronomic research projects (St. Lucia, Sri Lanka and Tonga) before joining the international Relationship Department of the French Ministry of agriculture.

He was in charge (7 years) of relationship with FAO, the WB and the CGIAR, of bilateral relationship with Africa and the Mediterranean area, and management of the French food aid (200 000 t of grain per year).

Since 2002, he has contributed for 9 years to the development of agriculture in the French overseas departments and territories as Technical Advisor "Agriculture, Fisheries and Forestry" and as Director of ODEADOM.

In 2011, Paul LUU was appointed Director of Agropolis International (Montpellier) before joining the CGIAR in September 2013 as Liaison Officer with the French Authorities, then as Protocol Officer.

From September 2016, Paul is Executive Secretary of the "4 per 1000 Initiative: Soils for food security and climate", launched at COP 21 in Paris.



**Dr. Dipayan Dey, Chair (Research & Innovation), South Asian Forum for Environment**

**[SAFE]** - Dr Dipayan Dey is an environmental biotechnologist with thirty years of comprehensive experience in locally-led adaptation and sustainable climate initiatives in South Asian ecoregion. He has successfully led collaborative action-research with several UN Organizations including UNEP, UNDP and UN-DESA, World Bank, GIZ, IUCN, USAID etc. towards conservation planning and responsible resource management at community-ecosystem interface in the climate milieu. Presently, he is working as Chair in South Asian Forum for Environment [SAFE], a major stakeholder in UN Environment and he holds joint positions of Senior Scientific Consultant in Indian Institute of Technology, Madras India pioneering climate resilient agro-technology and as well with Global Food Alliance for Future of Food as international facilitator for global cohorts in agroecology. He is a member to International Committee of ISO standards on Climate Change and GHG emissions and

also several other organizations worldwide. He has more than 50 publications and a number of international awards to his credential.

Dr Dey's policy research on neo-economic conservation paradigm of 'Biorights' of commons has been attributed in the 4th TEEB report of UNEP and as well by the Planning Commission of India in its 12th plan document. He has been the recipient of Kasumiguara Award from Japan, Asia Green Award from Korea, Development Marketplace Award of World Bank, Solar Innovation Award from SEED UNDP Africa, GDN MIDP Global Medal, GIZ Inequity Challenge Award, and most recently the GEF Inclusive Assembly Challenge Award along with many other accolades globally.



**Dr. Carolina Nascimento – Four Paws-** Dr. Carolina Nascimento is a veterinarian, PhD in Animal Science with a focus on Animal Welfare and Biometorology from São Paulo State University, Brazil. She also has an MBA in Project Management and is a certified Welfare Quality Protocols auditor. She currently holds the position of Expert in Farm Animals Welfare at Four Paws International.



**Juliana Luiz** - Juliana Luiz is a Research Manager at Escolhas Institute, which is a Brazilian Non-Governmental Organization that has, as its mission, the goal of Brazil having the climate emergency and sustainable development as premises of all its policies of public interest. At the institute, Juliana oversees applied research projects on agriculture and food systems. She holds a PhD in Political Science and her professional background in international politics. Her research books and publications lie in the intersection of agriculture, food systems, and international relations.



**ISAAC KABONGO** - Isaac is an experienced Social Scientist / Environmental Policy Specialist with over 20 years of working experience. He is currently the Executive Director of Ecological Christian Organization ([www.ecouganda.org](http://www.ecouganda.org)). Served on Board Member of



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Climate Action Network International ([www.climateaction.org](http://www.climateaction.org)) from 2019 to 2024. Isaac is also served as the Chairperson of Climate Action Network Uganda ([www.can.ug](http://www.can.ug)) from 2010 to 2019), served as the technical advisor to CAN-U board from 2019 to 2024. Isaac is currently serves as a member of the Interim Board Committee of Climate Action Network Africa. Isaac has worked on different projects and programmes and has attended different international conferences, seminars and meetings where he has presented papers on different topical issues including climate change, population Health and Environment (PHE) and agro-ecology among others.



**Salome Owuonda** - Salome is a Climate, Gender and Social Inclusion Expert. She holds a Master of Arts in Gender and Development Studies, and a Bachelor of Arts in Gender, Women, and Development Studies. She has experience in advocacy, program coordination, research and fundraiser.

Currently serving as the Executive Director at the Africa Centre for Sustainable and Inclusive Development (Africa CSID), she previously contributed to programs at various organizations.

Salome has a wealth of experience in integrating gender perspectives into projects and programs related to climate justice, climate finance, food systems, natural resource management, disaster risk reduction, and empowerment. She is a researcher and has served various entities as a consultant.

She is the Chairperson of the Africa Centre for People, Institutions and Society (ACEPIS) Board of Directors.