

Agenda »Climate Landscapes« 18.-19.10.2022

18.10.2022		Speaker	Collective document
14:00	30	Welcome <i>Overview of connections between soil, vegetation, water, climate. Systems thinking needed - on the importance of a holistic approach</i>	Stefan Schwarzer, Felix Löwenstein, Stefan Klotz, Jan-Gisbert Schultze, Sassa Franke, Julia Vespermann
14:30	10	Greeting words	Ophelia Nick, Federal Ministry of Food and Agriculture, Germany
14:40	30	Breakout groups - Get to know each other	
15:10	20	Practically turning down the greenhouse to cool the Earth with 3 W/m² safely, profitably and in time.	Walter Jehne, Former CSIRO climate scientist and microbiologist, founder of Healthy Soils Australia
15:30	20	From the need to cool the landscape to the location of specific measures using the example of the Elbe-Elster district (Germany)	Christian Hildmann, Head of Department at the Research Institute for Post-Mine Landscapes Finsterwalde, Germany
15:50	20	Role of vegetation in partitioning of solar energy, water cycle and local/regional climate	Jan Pokorny, ENKI, Czech Republic
16:10	20	On the power of forests (to water the earth) and cool the planet	David Ellison, University of Bern, Switzerland
16:30	30	Breakout groups - Exchanging thoughts, impressions, opinions	
17:00	10	Break	
17:10	20	Soil moisture change exceeds planetary safe limits and jeopardize Earth system resilience	Lan Erlandsson, Hydrologist Stockholm Resilience Center, Stockholm University, Sweden
17:30	20	Implementation of the principles of the New Water Paradigm for Climate Recovery	Michal Kravcik, Hydrologist and environmentalist, People and Water, Slovakia
17:50	20	The role of an integrated land use planning for climate mitigation	Hermann Lotze-Campen, Head of Research Department Potsdam Institute for Climate Impact Research, Germany
18:10	30	Breakout groups - Exchanging thoughts, impressions, opinions	
18:40	30	Break	
19:10	20	Success stories 1: Stories from India	Andrew Millison, Oregon State University, USA
19:30	20	Success stories 2: Water in the Landscapes, Farm Juchowo, Poland	Sebastian Huisman, Netherlands/Germany
19:50	40	Open discussion	
20:30		End	
19.10.2022		Speaker	
14:00	10	Summary from the first day	
14:10	20	Land-Atmosphere Feedback in Indian Monsoon	Subimal Ghosh, Convener of Interdisciplinary Program in Climate Studies, Institute Chair Professor in the Department of Civil Engineering, IIT Bombay, India
14:30	20	Designing a landscape for more water retention	Fred Hattermann, Deputy Head of Research Department Potsdam Institute for Climate Impact Research, Germany
14:50	20	Land use practices for regeneration	Juliana Birnbaum, Regeneration.org, USA
15:10	20	Beyond carbon certificates: Could other ecosystem functions bridge the gap between nature and finance?	Alexa Mayer-Bosse, MunichRe, Germany
15:30	30	Breakout groups - Exchanging thoughts, impressions, opinions	
16:00	15	Break	
16:15	20	Success stories 3: Andhra Pradesh Community managed Natural Farming	T. Vijay Kumar, India
16:35	20	Success stories 4: Success Stories from the Mediterranean	Felipe Pasini, Portugal/Italy
16:55	20	Global Action Plan: Let's Cool the Planet with Nature!	Rob de Laet, Brasil
17:15	60	Workshops (description below) <ol style="list-style-type: none"> Relationship between landscape design and mesoclimate (<i>David Ellison</i>) Possibilities and measures of water retention in land use (<i>Heiko Diestel</i>) Governance for Climate Landscapes - collecting best practice examples (<i>Felix Löwenstein</i>) Beyond carbon certificates: Could other ecosystem functions bridge the gap between nature and finance? (<i>Alexa Mayer-Bosse</i>) Success stories 3: Andhra Pradesh Community managed Natural Farming (<i>Vijay Kumar</i>) Success stories 4: Success Stories from the Mediterranean (<i>Felipe Pasini</i>) Success stories 5: Save Soil - A Global Movement for Concrete Soil Policy Action (<i>Praveena Sridhar</i>) Regeneration.org (<i>Juliana Birnbaum</i>) Global Action Plan (<i>Rob de Laet</i>) 	# Links See below
18:15	30	Break	
18:45	30	Compilation from the workshops	
19:15	60	Plenary session	# Link
20:15	15	Was this relevant for you? How to bring this to a larger public?	
20:30		Final words	

Workshop Description

1. Relationship between landscape design and mesoclimate (David Ellison)

What do we (not) know about interrelationships and how could positive interactions be strengthened?

[# Link](#)

2. Possibilities and measures of water retention in land use (Heiko Diestel)

Decentral water retention has positive effects on agricultural productivity, biodiversity, local and regional climate as well as on groundwater reserves and flood alleviation. In this workshop, we would like to carve out the international expertise of the participants, the significant differences in various regions and the prospects for the future.

[# Link](#)

3. Governance for Climate Landscapes - collecting best practice examples (Felix Löwenstein)

Government support and good regulation are essential for successful climate action through climate landscape design. And politicians are more willing to act if there are already best practice examples and experiences from other countries. In this workshop we will collect such examples and suggestions on what could be done at national and local level.

[# Link](#)

4. Beyond carbon certificates: Could other ecosystem functions bridge the gap between nature and finance? (Alexa Mayer-Bosse)

[# Link](#)

5. Success stories 3: Andhra Pradesh Community managed Natural Farming (Vijay Kumar)

More about the Natural Farming methods

[# Link](#)

6. Success stories 4: Success Stories from the mediterranean (Felipe Pasini)

More about the RegAg practices in the mediterranean

[# Link](#)

7. Success stories 5: Save Soil - A Global Movement for Concrete Soil Policy Action (Praveena Sridhar)

Over the last 10 months, Save Soil has reached 3.91 billion people and received support from 81 nations and 9 UN agencies. How? Join Praveena Sridhar as she outlines the milestones and upcoming actions of this UNCCD and World Food Program backed movement.

[# Link](#)

8. Regeneration.org (Juliana Birnbaum)

More in depth-view on the work of Regeneration.org

[# Link](#)

9. Global Action Plan: Let's Cool the Planet with Nature! (Rob de Laet)

More on the Global Action Plan

[# Link](#)