

UFZ Science Days

Wednesday 12 October 2022

Plenary: Welcome & Introduction - Saal 1 (09:30 - 09:55)

time	[id] title	presenter
09:30	[1] Welcome by Scientific Managing Director	ALTENBURGER, Rolf
09:40	[3] Introduction to PoF IV, to the Program "Changing Earth" and to the six UFZ Integration Platforms	HARMS, Hauke

Plenary: Round Table with IP Chairs on Integrative Research at UFZ in PoF IV - Saal 1 (09:55 - 10:30)

-Conveners: Katrin Wendt-Potthoff

Plenary: IP1 Sustainable future land use: Provisioning natural resources, biodiversity and ecosystem services - Saal 1 (10:30 - 11:00)

-Conveners: Ralf Seppelt; Ingolf Kühn

time	[id] title	presenter
10:30	[54] Introduction	KÜHN, Ingolf
10:35	[56] BODIUM - a systemic approach to model the dynamics of soil functions	KÖNIG, Sara
10:40	[57] Next level citizen science: using private-owned dogs to detect invasive species	GRIMM-SEYFARTH, Annegret
10:45	[55] Projecting the futures of plant traits across habitats	GOLIVETS, Marina
10:50	[58] Introduction to iDiv	HARPOLE, Stan

Plenary: IP4 Tapping nature's potential for sustainable production and a healthy environment - Saal 1 (11:30 - 12:00)

-Conveners: Bruno Bühler; Lukas Wick

time	[id] title	presenter
11:30	[59] Introduction	BÜHLER, Bruno WICK, Lukas
11:35	[60] Rewiring photosynthesis toward hydrogen production	LUPACCHINI, Sara
11:40	[61] Microbiomes for chain elongation	BALEEIRO, Flavio
11:45	[62] The change of antibiotics and antibiotic resistance genes in anaerobic digestion systems	CHENG, Zhe
11:50	[63] Performance of an integrated multi-functional system for greywater treatment and reuse	RAHMAN, Khaja Zillur

Plenary: IP3 Healthy Planet: Towards a non-toxic environment - Saal 1 (12:00 - 12:30)

-Conveners: Martin von Bergen; Werner Brack

time	[id] title	presenter
------	------------	-----------

12:00	[73] Introduction	VON BERGEN, Martin
12:05	[74] Next-generation neurotoxicity tools	TAL, Tamara
12:10	[75] There is no plural of home	SCHUMACHER, Anne
12:15	[76] The benefit of pesticide adaptation under multiple stressors	SHAHID, Naeem
12:20	[77] From contaminated sites to continental scale: chemical mixtures and adverse effects	FINCKH , Saskia

Thursday 13 October 2022

Plenary: IP2 Freshwater resources: Securing quantity and quality in a multifunctional ecosystem perspective - Saal 1

(09:00 - 09:30)

-Conveners: Markus Weitere; Jan Fleckenstein

time	[id] title	presenter
09:00	[64] Introduction	FLECKENSTEIN, Jan WEITERE, Markus
09:05	[65] Are wastewater treatment plants causing an ecological risk for small streams under extreme low flow conditions?	BÜTTNER, Olaf
09:12	[66] Drought induced deforestation and water quality deterioration	RODE, Michael
09:19	[67] Large-scale analysis of runoff events – from a theoretical framework to applications	TARASOVA, Larisa

Plenary: IP5 Robust pictures of the future for sustainable development paths in landscapes under climate change - Saal 1

(09:30 - 10:00)

-Conveners: Jian Peng; Karin Frank

time	[id] title	presenter
09:30	[68] Introduction	FRANK, Karin
09:35	[69] How can we reliably assess grassland diversity using remote sensing data?	LUDWIG, Antonia
09:40	[70] The UFZ water quality modeling initiative in a nutshell	SARRAZIN, Fanny
09:45	[71] Terrible floods due to concurrent drivers	JIANG, Shijie
09:50	[72] Socio-environmental modelling of agricultural systems: Translating farmer behavior into model rules	WILL, Meike

Plenary: IP6 Transformation towards Sustainability - Saal 1 (10:00 - 10:30)

-Conveners: Christian Kuhlicke; Daniela Thrän

time	[id] title	presenter
10:00	[78] Introduction	THRÄN, Daniela
10:05	[79] Multi-sectoral drought impact assessments	DE BRITO, Mariana
10:10	[80] Simulating impacts of droughts on agriculture in Germany	NAGPAL, Mansi
10:15	[81] Legal handling of water allocation conflicts	KLICKERMANN, Felix
10:20	[82] Implications for energy production under increasing scarcity of biomass	JORDAN, Matthias
10:25	[83] Conclusion	KUHLICKE, Christian

Plenary: What does it mean to... - Saal 1 (13:30 - 14:45)

-Conveners: Elisabeth Marquard; Ilona Bärlund

time	[id] title	presenter
13:30	[42] ...be part of the the Bioeconomy Council?	THRÄN, Daniela

13:45	[43] ...manage highly integrative and societally relevant research on complex themes like flood events and flood protection?	KUHLICKE, Christian
14:00	[44] ...be involved in IPBES?	SEPPELT, Ralf
14:15	[45] ...work for the European Topic Center on Biodiversity and Ecosystem Services	WEITERE, Markus
14:30	[46] ...believe in your idea: microbubbles against microplastics?	DAMANN, Roland

Plenary: Conclusion by Scientific Manager of UFZ - Saal 1 (14:45 - 15:00)

-Conveners: Rolf Altenburger