

Sunday, 26. June 2022

Workshop/Training Session

09:00 - 17:00

Sertig

WS_SunA1 - Towards a global biodiversity monitoring system

Organizer: Cornelia Krug, CH

Workshop/Training Session

09:00 - 17:00

Schwarzhorn

WS_SunA2 - Bending the curve of deforestation.

Organizer: Claude Garcia, CH

Workshop/Training Session

09:00 - 17:00

Seehorn

WS_SunA3 - Science for local transformation - with a pilot project on the island of Ithaca

Organizer: Leila Schuh, CH

Monday, 27. June 2022

Workshop/Training Session
08:00 - 11:00

Dischma

WS_MonGlobam - GloBAM – progress meeting

Workshop/Training Session
08:00 - 10:45

Studio

WS_MonA5 - Impacts and risk assessments of trade and investment agreements: perspectives on citizen science methodologies and participation

Organizer: Rémi Willemin, CH

Plenary Session
11:00 - 12:30

Davos

PlenMon - Opening Plenary Session

639 **WHY WE NEED TO TRANSFORM BIODIVERSITY SCIENCE** 11:00 - 11:45

Speaker: Esther Turnhout, NL

646 **NAVIGATING THE SPACES BETWEEN CONSERVATION SCIENCE AND POLICYMAKING** 11:45 - 12:30

Speaker: Rafael Loyola, BR

Parallel Session
12:30 - 14:00

Wisshorn

WS_ThuD7 - XPRIZE Rainforest: Practically Applying the CARE and FAIR Principles

Organizer: John Greisberger, US

Parallel Session
12:45 - 13:45

Dischma

WS_MonD3 - How impact investing can help global biodiversity protection and advancement

Organizer: Kostis Tselenis, CH

Workshop/Training Session
12:45 - 13:45

Seehorn

WS_MonD2 - Diversity, equity, and inclusion in Biodiversity research

Organizer: Sofia van Moorsel, CH

Parallel Session
14:00 - 15:45

Dischma

CIT1-a - Towards Blue Green Cities: nature-based solutions for enhancing urban ecology

Session Chair: Peter Bach, CH

44 **HOW WILD BEES FIND A WAY IN EUROPEAN CITIES** 14:00 - 14:15

Speaker: Joan Casanelles Abella, CH

192 **BLUE-GREEN INFRASTRUCTURE TO ENHANCE BIODIVERSITY IN HUMAN DOMINATED LANDSCAPES** 14:15 - 14:30

Speaker: Giulia Francesca Azzurra Donati, CH

294 **"FROM GREY TO GREEN" – HOW BGI INCREASES BIODIVERSITY, A CASE STUDY!** 14:30 - 14:45

	<i>Speaker:</i> Tobias Baur, CH	
531	IMPLEMENTING THE ECOLOGICAL INFRASTRUCTURE SUPPORTED BY DATA-BASED METHODS <i>Speaker:</i> Simon Egger, CH	14:45 - 15:00
530	ASSESSING THE POTENTIAL OF URBAN ECOSYSTEMS TO PROMOTE NATIVE WILD PLANTS <i>Speaker:</i> Jasmin Joshi, CH	15:00 - 15:15
100	CONTRIBUTION OF SCIENTIFIC CONNECTIVITY ASSESSMENTS TO GREEN INFRASTRUCTURE (GI) <i>Speaker:</i> Janine Bolliger, CH	15:15 - 15:30
131	LET'S GET TOUCHED – HUMAN-NATURE RESONANCE FOR A FLOURISHING LIFE IN CITIES <i>Speaker:</i> Martina Artmann, DE	15:30 - 15:45

Parallel Session

14:00 - 15:30

Flüela

MON4-a - Radar-based approaches to monitoring the abundance, morphological diversity and movements of aerial taxa*Session Chair:* William Kunin, GB

118	HIGH-RESOLUTION RADAR MONITORING OF AUSTRALIAN MOTH AND LOCUST MIGRATIONS <i>Speaker:</i> V. Alistair Drake, AU	14:00 - 14:15
35	NEW TECHNOLOGIES AND APPLICATIONS IN ENTOMOLOGICAL RADAR???? <i>Speaker:</i> Rui Wang, CN	14:15 - 14:30
199	SIMULTANEOUS MONITORING OF THE AERIAL BIOMASS FLOW OF INSECTS, BIRDS AND BATS <i>Speaker:</i> Baptiste Schmid, CH	14:30 - 14:45
230	QUANTIFYING INSECT MOVEMENTS ACROSS EUROPE WITH A RADAR NETWORK <i>Speaker:</i> Birgen Haest, CH	14:45 - 15:00
362	WEATHER SURVEILLANCE RADAR FOR INSECT BIODIVERSITY MONITORING <i>Speaker:</i> Christopher Hassall, GB	15:00 - 15:15
212	TEMPORAL AND SPATIAL PATTERNS IN AERIAL INSECT BIOMASS ACROSS THE UNITED STATES <i>Speaker:</i> Elske K Tielens, US	15:15 - 15:30

Parallel Session

14:00 - 15:30

Sertig

FRW3-a - The role of coordination and harmonization for detection of trends in freshwater biodiversity at a global scale*Session Chair:* Andreas Bruder,

360	GLOBAL COORDINATION AND HARMONIZATION OF	14:00 - 14:15
-----	---	---------------

	FRESHWATER BIODIVERSITY OBSERVATIONS	
	<i>Speaker:</i> Andreas Bruder,	
50	MEASURING GLOBAL CHANGE IN FRESHWATER BIODIVERSITY	14:15 - 14:30
	<i>Speaker:</i> Eren Turak, AU	
309	COORDINATING CIRCUMPOLAR ASSESSMENT OF ARCTIC FRESHWATER BIODIVERSITY	14:30 - 14:45
	<i>Speaker:</i> Jennifer Lento, CA	
61	NEOTROPICAL MONITORING NETWORKS SURVEY: A CRITICAL STEP TOWARDS COLLABORATION	14:45 - 15:00
	<i>Speaker:</i> Fabio Roque, BR	
106	TOWARDS GLOBAL HARMONIZATION OF FRESHWATER MACROINVERTEBRATE SAMPLING PROTOCOLS	15:00 - 15:15
	<i>Speaker:</i> John Pascal Simaika, NL	
332	OPPORTUNITIES AND HARMONIZATION CHALLENGES OF UAV DATA FOR FRESHWATER EBVS	15:15 - 15:30
	<i>Speaker:</i> Erin Hestir, US	
<i>Parallel Session</i>		
14:00 - 15:30		Schwarzhorn
BEF2-a - Functional diversity in space and time: measurements, models and experiments to advance trait-based ecology		
<i>Session Chair:</i> Fabian Schneider, US		
251	THE NASA BIODIVERSITY SURVEY OF THE CAPE (?BIOSCAPE?)	14:00 - 14:15
	<i>Speaker:</i> Anabelle Cardoso, US	
607	AQUATIC PLANT TRAIT SYNDROMES WITH IMAGING SPECTROSCOPY	14:15 - 14:30
	<i>Speaker:</i> Maria Santos,	
336	CONTEMPLATING THE STRUCTURE AND FUNCTION OF A TROPHIC METAWEB FOR SWISS FAUNA	14:30 - 14:45
	<i>Speaker:</i> Merin Reji Chacko, CH	
326	FUSE (FUNCTIONAL UNIQUE, SPECIALISED AND ENDANGERED), A NEW CONSERVATION METRIC	14:45 - 15:00
	<i>Speaker:</i> John Griffin, GB	
483	INCORPORATING FUNCTIONAL DIVERSITY INDICES TO ENHANCE THE PERFORMANCE OF MMIS	15:00 - 15:15
	<i>Speaker:</i> Ali Reza Esmaili Ofogh, IR	
	Discussion BEF2a	15:15 - 15:30

Parallel Session

14:00 - 15:30

Seehorn

DAT1 - Integrating biodiversity and human well-being data*Session Chair:* Carolina Soto-Navarro,

- | | | |
|-----|---|---------------|
| 66 | UNDERSTANDING THE POTENTIAL TO LINK SPECIES WITH NATURE'S CONTRIBUTION TO PEOPLE
<i>Speaker:</i> Pierre-Louis Rey, CH | 14:00 - 14:15 |
| 167 | GLOBAL AND REGIONAL HEALTH AND FOOD SECURITY IN A HALF EARTH WORLD
<i>Speaker:</i> Roslyn Henry, GB | 14:15 - 14:30 |
| 240 | MODELLING OF THE "LEARNING AND INSPIRATION" POTENTIAL OF THE SWISS LANDSCAPE
<i>Speaker:</i> Nathan Külling, CH | 14:30 - 14:45 |
| 412 | NUTRITIONAL POTENTIAL OF SHALLOW-WATER REEF FISHES FOR HUMAN WELL-BEING
<i>Speaker:</i> Conor Waldock, CH | 14:45 - 15:00 |
| 623 | TOWARDS A MULTIDIMENSIONAL BIODIVERSITY INDEX FOR NATIONAL APPLICATION
<i>Speaker:</i> Carolina Soto-Navarro, | 15:00 - 15:30 |

Parallel Session

14:00 - 15:30

Wisshorn

RES1 - Taking Action to Secure a Future for the World's Threatened Trees*Session Chair:* Kirsty Shaw,

- | | | |
|-----|--|---------------|
| 172 | STATE OF THE WORLD'S TREES - MOBILISING ACTION FOR THE WORLD'S THREATENED TREES
<i>Speaker:</i> Malin Rivers, GB | 14:00 - 14:30 |
| 138 | USING BIG DATA TO IDENTIFY VULNERABILITY AND OPPORTUNITIES FOR TREE DIVERSITY.
<i>Speaker:</i> Josep M Serra-Diaz, FR | 14:30 - 14:45 |
| | Discussion RES1: Malin Rivers (IUCN/SSC Global Tree Specialist Group, UK), Dr. Josep M Serra-Diaz (AgroParisTech, France), Galena Woodhouse (Botanic Gardens Conservation International), Kate Hardwick (Royal Botanic Gardens, Kew), Akanksha Khatri (1t.org), Pieter van Midhoud (Ecosia.org, Germany) | 14:45 - 15:30 |

Parallel Session

14:00 - 15:30

Forum

RES2 - Recreating Nature in the Age of the Anthropocene: Designing Landscapes and Regional Corridors to Support Wild Pollinators*Session Chair:* Evan Abramson,

- | | | |
|-----|---|---------------|
| 345 | PLANT, SOW OR JUST LET GROW? ENGAGING CITIZENS IN INSECT-FRIENDLY MANAGEMENT
<i>Speaker:</i> Sophie Lokatis, DE | 14:00 - 14:15 |
|-----|---|---------------|

285	IMPROVING BEST LANDSCAPING PRACTICES FOR POLLINATOR CONSERVATION <i>Speaker:</i> Jaret Daniels, US	14:15 - 14:30
568	?????USING SPECIES TRAIT DATA TO ENHANCE POLLINATION SYSTEM DIVERSITY <i>Speaker:</i> Robert Gegear, US	14:30 - 14:45
280	LINCOLN POLLINATOR ACTION PLAN: PLANTING FOR BIODIVERSITY AND CLIMATE RESILIENCE <i>Speaker:</i> Jane Gruba-Chevalier, US	14:45 - 15:00
170	ALL-IRELAND POLLINATOR PLAN – COMING TOGETHER TO REDESIGN LANDSCAPES <i>Speaker:</i> Úna FitzPatrick, IE	15:00 - 15:15
567	DESIGNING BIODIVERSITY IN THE ANTHROPOCENE <i>Speaker:</i> Evan Abramson,	15:15 - 15:30

Workshop/Training Session

14:00 - 16:00

Studio

WS_MonC1 - Natural Capital Accounting: From theory to practice through concrete applications*Organizer:* Alessandra La Notte,*Parallel Session*

16:00 - 18:00

Dischma

CIT1-b - Towards Blue Green Cities: nature-based solutions for enhancing urban ecology*Session Chair:* Peter Bach, CH

389	ENGINEERING BLUE-GREEN SYSTEMS TO IMPROVE BIODIVERSITY: A PERSPECTIVE AND REVIEW <i>Speaker:</i> Kilian Perrelet, CH	16:00 - 16:15
52	INTEGRATION OF LANDSCAPE ECOLOGY AND URBAN MODELS FOR BIODIVERSITY ENHANCEMENT <i>Speaker:</i> Francesc Molné Correig, CH	16:15 - 16:30
466	FOSTERING URBAN BIODIVERSITY VIA MEDIA-TECHNOLOGICAL DESIGN INTERVENTIONS <i>Speaker:</i> Felix Gerloff, CH	16:30 - 16:45
248	URBAN ENVIRONMENTAL ACUPUNCTURE (UEA) SUPPORTING SUSTAINABLE BGI IN URBAN AREAS? <i>Speaker:</i> Juliane Mathey, DE	16:45 - 17:00
378	SOCIAL RESILIENCE AND COMMUNITY GARDENING DURING THE COVID-19 PANDEMIC <i>Speaker:</i> Neelakshi Joshi, DE	17:00 - 17:15
416	A SOCIO-ECOLOGICAL STUDY OF BLUE-GREEN BIODIVERSITY AT THE URBAN-RURAL INTERFACE <i>Speaker:</i> Francine van den Brandeler, CH	17:15 - 17:30
317	SOCIAL-ECOLOGICAL NETWORKS TO UNDERSTAND THE MANAGEMENT OF URBAN GREEN SPACES	17:30 - 17:45

Speaker: Manuel Fischer, CH

- 593 **BLUE-GREEN INFRASTRUCTURES AND URBAN ECOLOGY IN SUPPORT OF CO-HABITATION DESIGN** 17:45 - 18:00
Speaker: Peter Bach, CH

Parallel Session

16:00 - 18:00

Flüela

MON4-b - Radar-based approaches to monitoring the abundance, morphological diversity and movements of aerial taxa

Session Chair: William Kunin, GB

- 31 **CLASSIFYING AND COUNTING ANIMALS BY RADAR – ECHO-SIGNATURES AND FLIGHT BEHAVIOUR** 16:00 - 16:15
Speaker: Bruno Bruderer, CH
- 123 **BIRD MIGRATION AT THE EDGE – STOPOVER DISTRIBUTIONS NEAR ECOLOGICAL BARRIERS** 16:15 - 16:30
Speaker: Inbal Schekler, IL
- 303 **BIRDCAST: ENHANCING BIODIVERSITY KNOWLEDGE THROUGH APPLIED RADAR ORNITHOLOGY** 16:30 - 16:45
Speaker: Andrew Farnsworth, US
- 112 **SAFEGUARDING MIGRATING BIRDS TO INFORM WIND ENERGY DEVELOPMENT** 16:45 - 17:00
Speaker: Jeffrey Buler, US
- 246 **A THREATSCAPE FOR THE AEROCONSERVATION OF MIGRATORY BIRDS** 17:00 - 17:15
Speaker: Sergio A. Cabrera-Cruz, MX
- 489 **MODELING AVIAN STOPOVER DISTRIBUTIONS ACROSS THE CONTIGUOUS US USING RADAR DATA** 17:15 - 17:30
Speaker: Kyle Horton, US
- 312 **POLARIMETRIC ECHO CLASSIFICATION FOR HIGH-RESOLUTION AEROFAUNAL ANALYSES** 17:30 - 17:45
Speaker: Nadja Weisshaupt, FI
- 226 **TOWARDS A DATA-INFRASTRUCTURE FOR MONITORING AND FORECASTING MIGRATION** 17:45 - 18:00
Speaker: Judy Shamoun-Baranes, NL

Parallel Session

16:00 - 18:00

Sertig

FRW3-b - The role of coordination and harmonization for detection of trends in freshwater biodiversity at a global scale

Session Chair: Andreas Bruder,

- 517 **HYDROATLAS-A COMPREHENSIVE SPATIAL DATA BACKBONE FOR GLOBAL BIODIVERSITY MODELS** 16:00 - 16:15
Speaker: Simon Linke, AU
- 335 **ETHNOBIODIVERSITY: A FRAMEWORK FOR FRESHWATER** 16:15 - 16:30

	BIOMONITORING IN MELANESIA	
	<i>Speaker:</i> Bindiya Rashni, FJ	
518	THE POTENTIAL OF RANGERS TO MONITOR STREAM HEALTH IN UGANDA'S PROTECTED AREAS	16:30 - 16:45
	<i>Speaker:</i> Aventino Kasangaki, UG	
71	INDICATORS TO CONSIDER FOR GLOBAL BIODIVERSITY TARGETS OF FRESHWATER ECOSYSTEMS	16:45 - 17:00
	<i>Speaker:</i> Heidi van Deventer, ZA	
540	PLENARY DISCUSSION ON TOPICS AND CONTRIBUTIONS OF SESSION A6C	17:00 - 17:45
	<i>Speaker:</i> Andreas Bruder,	
<i>Parallel Session</i>		
16:00 - 18:00		
		Schwarzhorn
BEF2-b - Functional diversity in space and time: measurements, models and experiments to advance trait-based ecology		
<i>Session Chair:</i> Fabian Schneider, US		
91	HOW FUNCTIONAL DIVERSITY HELPS EUROPEAN NATURAL FORESTS TO RESIST CLIMATE CHANGE	16:00 - 16:30
	<i>Speaker:</i> Maik Billing, DE	
239	LAND-USE CHANGE EFFECTS ON FUNCTIONAL DIVERSITY USING MECHANISTIC SIMULATIONS	16:30 - 16:45
	<i>Speaker:</i> André Pinto Da Silva, SE	
306	FUNCTIONAL DIVERSITY AT LANDSCAPE SCALES USING SENTINEL-2 IMAGERY	16:45 - 17:00
	<i>Speaker:</i> Isabelle Helfenstein, CH	
445	MAPPING FUNCTIONAL DIVERSITY OF FORESTS USING SENTINEL-2 AND GEDI DATA	17:00 - 17:15
	<i>Speaker:</i> Zhaoju Zheng, CH	
520	FOREST FUNCTIONAL DIVERSITY FROM PRISMA IMAGES WITH A TRAIT-BASED APPROACH	17:15 - 17:30
	<i>Speaker:</i> Micol Rossini, IT	
441	MULTI-TEMPORAL IMAGING SPECTROSCOPY DATA PROCESSING CHAIN FOR ESTIMATING BIOMASS	17:30 - 17:45
	<i>Speaker:</i> Nargiz Safaraliyeva, CH	
	Discussion BEF2b	17:45 - 18:00
<i>Parallel Session</i>		
16:00 - 18:00		
		Seehorn
VAL1 - An interdisciplinary discourse on biodiversity values		
<i>Session Chair:</i> Norman Backhaus,		
	Introduction VAL1	16:00 - 16:15
443	CAN BIODIVERSITY HAVE RELATIONAL VALUE?	16:15 - 16:30

	<i>Speaker:</i> Mollie Chapman, CH	
198	WHICH VALUES FOR WHICH BIODIVERSITY? <i>Speaker:</i> Bernhard Schmid, CH	16:30 - 16:45
236	ECONOMIC VALUATION OF BIODIVERSITY: METHODS AND CASE STUDIES <i>Speaker:</i> Martina Bozzola, CH	16:45 - 17:00
149	SOCIAL CONSTRUCTIONS AND IMPLICATIONS OF MARINE WILDERNESS IN THE EU SEAS <i>Speaker:</i> Sašo Gorjanc, GB	17:00 - 17:15
355	BIODIVERSITY AND TWO KINDS OF INTRINSIC VALUE <i>Speaker:</i> Katie Morrow, US	17:15 - 17:30
	Discussion VAL1	17:30 - 18:00

Parallel Session

16:00 - 18:00

Wisshorn

MON2-a - Detecting and attributing biodiversity change: linking essential variables to indicators and goals*Session Chair:* Andrew Gonzalez,

330	A DETECTION AND ATTRIBUTION FRAMEWORK FOR BIODIVERSITY CHANGE - KEY INGREDIENTS <i>Speaker:</i> Andrew Gonzalez,	16:00 - 16:30
70	PREDICTING GLOBAL BIODIVERSITY DYNAMICS WITH NEW DATA AND TECHNOLOGIES <i>Speaker:</i> Walter Jetz, US	16:30 - 16:45
366	AN UNCERTAIN FUTURE: GLOBAL EFFECTS OF LAND-USE CHANGE ON LOCAL BIODIVERSITY <i>Speaker:</i> Luis J. Gilarranz, CH	16:45 - 17:00
80	CLIMATE CHANGE AND LAND USE INTERACT TO DRIVE INSECT BIODIVERSITY PATTERNS <i>Speaker:</i> Tim Newbold, GB	17:00 - 17:15
204	DETECTING AND ATTRIBUTING TRENDS IN GENETIC DIVERSITY <i>Speaker:</i> Katie Millette, CA	17:15 - 17:30

Parallel Session

16:00 - 18:00

Forum

MOD3 - Connecting Science to Action: Inspiring Ordinary Citizens to Become a Positive Environmental Force*Session Chair:* Eleanor Gill, CA

384	INSPIRING ORDINARY CITIZENS TO BECOME A POSITIVE ENVIRONMENTAL FORCE <i>Speaker:</i> Eleanor Gill, CA <i>Speaker:</i> Michelle Sheardown, CA	16:00 - 16:15
-----	---	---------------

385	DRAWDOWN FRAMEWORK FOR CLIMATE SOLUTIONS <i>Speaker:</i> Eleanor Gill, CA <i>Speaker:</i> Michelle Sheardown, CA	16:15 - 16:30
392	GETTING INTO ACTION MODEL <i>Speaker:</i> Michelle Sheardown, CA <i>Speaker:</i> Eleanor Gill, CA	16:30 - 17:00
393	CASE STUDIES FROM BC, CANADA <i>Speaker:</i> Eleanor Gill, CA <i>Speaker:</i> Michelle Sheardown, CA	17:00 - 17:30

Social Events

18:00 - 19:30

Hall

Socials - WBF2022 - Icebreaker

Tuesday, 28. June 2022*Parallel Session*

08:30 - 10:30

Dischma

FIN1-a - Transformative Change in Economic and Financial Systems*Session Chair:* Mia Rigo, US

49	‘BIODIVERSITY IN GOOD COMPANY’: FROM PIONEER TO ROLE MODEL <i>Speaker:</i> Adina Arth, DE	08:30 - 08:45
130	UPSCALING NATURE-BASED JOBS IN SWITZERLAND. <i>Speaker:</i> Christoph Kueffer, CH	08:45 - 09:00
	Towards transdisciplinary biodiversity assessments of trade agreements <i>Speaker:</i> Rémi Willemin, CH	09:00 - 09:15
592	SUSTAINABLE BIODIVERSITY FINANCE INSTRUMENTS <i>Speaker:</i> Mia Rigo, US	09:15 - 09:30
596	FAST TRACKING NATURE-BASED FINANCING <i>Speaker:</i> Emilio Sempris, US	09:30 - 09:45
141	BIODIVERSITY DAMAGING SUBSIDIES – TACKLING AICHI TARGET 3 IN SWITZERLAND <i>Speaker:</i> Lena Gubler, CH	09:45 - 10:00
320	MODELLING AND ASSESSING PATHS TO A BIODIVERSE AND SUSTAINABLE AUSTRALIAN ECONOMY <i>Speaker:</i> Benjamin Curnow, AU	10:00 - 10:15
	Is financing woody biomass industry for economic decarbonization - a bane or boon for biodiversity <i>Speaker:</i> Ina Guillermo, CH	10:15 - 10:30

Parallel Session

08:30 - 10:30

Flüela

VAL2-a - Philosophy and Biodiversity*Session Chair:* Anna Wienhues,

105	ASSESSING VALUE-DRIVEN APPROACHES TO DEFINING BIODIVERSITY <i>Speaker:</i> Robert Fruehstueckl, DE	08:30 - 08:50
278	DIACHRONIC BIODIVERSITY <i>Speaker:</i> Giles Howdle, GB	08:50 - 09:10
76	BIODIVERSITY VS. PALEODIVERSITY MEASUREMENTS: THE INCOMMENSURABILITY PROBLEM <i>Speaker:</i> Federica Bocchi, US	09:10 - 09:30
74	CONCEPTIONS OF ECOCIDE AND BIODIVERSITY <i>Speaker:</i> Markku Oksanen, FI	09:30 - 09:50

72 **OTHERNESS IN NATURE AND THE PROTECTION OF
(BIO)DIVERSITY** 09:50 - 10:10
Speaker: Anna Wienhues,

Parallel Session

08:30 - 10:30

Sertig

FRW1-a - Freshwater biodiversity crisis: horizon scanning of challenges and solutions

405 **BIOMONDO - EARTH OBSERVATION SUPPORTED
MONITORING OF FRESHWATER BIODIVERSITY** 08:30 - 09:00

Speaker: Jelle Lever, CH

625 **ARTICIPATORY APPROACHES TO ASSESS CHANGES IN YALA
WETLAND, KENYA** 09:00 - 09:15

Speaker: Yvonne Githiora, KE

51 **EBIOATLAS - MAPPING THE WORLD'S FRESHWATER
BIODIVERSITY USING ENVIRONMENTAL DNA** 09:15 - 09:30

Speaker: Mike Morris, GB

144 **SHEDDING LIGHT ON THE HIDDEN GROUNDWATER FAUNA —
A CITIZEN SCIENCE APPROACH** 09:30 - 09:45

Speaker: Mara Knüsel, CH

438 **IDENTIFYING PRIORITY AREAS FOR THREATENED PERI-
ALPINE FRESHWATER BIODIVERSITY** 09:45 - 10:00

Speaker: Bernhard Wegscheider, CH

255 **A FRAMEWORK TO IDENTIFY FOREST-ASSOCIATED AQUATIC
SPECIES OF THE UNITED STATES** 10:00 - 10:15

Speaker: Rebecca Flitcroft, US

367 **FRESHWATER AND CLIMATE - INTERLINKED CHALLENGES
REQUIRING HOLISTIC SOLUTIONS** 10:15 - 10:30

Speaker: Félix Feider, GB*Parallel Session*

08:30 - 10:30

Schwarzhorn

BEF2-c - Functional diversity in space and time: measurements, models and experiments to advance trait-based ecology*Session Chair:* Fabian Schneider, US

510 **ECOLOGICAL EFFECTS OF MARINE EXTINCTIONS: FROM THE
PLIOCENE TO THE ANTHROPOCENE** 08:30 - 09:00

Speaker: Catalina Pimiento, CH

65 **PATTERNS AND DRIVERS OF ZOOPLANKTON FUNCTIONAL
DIVERSITY IN THE GLOBAL OCEAN** 09:00 - 09:15

Speaker: Fabio Benedetti, CH

549 **GLOBAL COMPARISON OF TAXONOMIC AND TRAIT-BASED
COMPONENTS OF PLANKTON DIVERSITY** 09:15 - 09:30

Speaker: Damiano Righetti, CH

193 **THE ROLE OF FUNCTIONAL DIVERSITY IN ECOSYSTEM** 09:30 - 09:45

	REGIME SHIFTS	
	<i>Speaker:</i> Romana Limberger, CH	
77	VISION TRANSFORMERS AS A NEW PARADIGM FOR PLANKTON CLASSIFICATION	09:45 - 10:00
	<i>Speaker:</i> Sreenath Pruthviraj Kyathanahally, CH	
399	MACHINE LEARNING-ASSISTED MONITORING OF AN AQUARIUM IN KARLSRUHE, GERMANY	10:00 - 10:15
	<i>Speaker:</i> David Lunsford, CH	
	Discussion BEF2c	10:15 - 10:30
<i>Parallel Session</i>		
08:30 - 10:30		
		Seehorn
ARC1-a - Arctic biodiversity under global change – from documenting changes to identifying pathways toward sustainable development		
<i>Session Chair:</i> Gabriela Schaeppman-Strub, CH		
121	DETECTING INDUSTRIAL DEVELOPMENT IN THE ARCTIC VIA NIGHTTIME LIGHTS	08:30 - 08:45
	<i>Speaker:</i> Cengiz Akandil, CH	
437	INCREASED ARCTIC TEMPERATURE EXTREMES UNDER GEOENGINEERING RADIATION MANAGEMENT	08:45 - 09:00
	<i>Speaker:</i> Rhonda Müller, CH	
168	SYNTHESIS OF ARCTIC FRESHWATER BIODIVERSITY: SPATIAL TRENDS, DRIVERS, PREDICTIONS	09:00 - 09:30
	<i>Speaker:</i> Willem Goedkoop, SE	
	Discussion ARC1-a	09:30 - 10:00
<i>Parallel Session</i>		
08:30 - 10:30		
		Wisshorn
MON2-b - Detecting and attributing biodiversity change: linking essential variables to indicators and goals		
<i>Session Chair:</i> Andrew Gonzalez,		
516	DETECTING BIODIVERSITY CHANGE ACROSS SCALES FROM MICROBES TO MAMMALS	08:30 - 09:00
	<i>Speaker:</i> Mary O'Connor, CA	
421	BIOLOGICAL INVASIONS: WHAT IS NEEDED FOR GLOBAL POST 2020-BIODIVERSITY POLICIES?	09:00 - 09:15
	<i>Speaker:</i> Franz Essl, AT	
613	COUPLING 'PHYLOGENETIC COMPLETENESS' AND ECOSYSTEM CHANGE DETECTION FOR BIODIVERSITY CONSERVATION	09:15 - 09:30
	<i>Speaker:</i> Jeannine Cavender-Bares, US	
423	ABUNDANCE DECLINE IN EU AVIFAUNA REVEALS CROSS-CONTINENTAL BIODIVERSITY CHANGE	09:30 - 09:45

	<i>Speaker:</i> Richard Gregory, GB	
275	DISENTANGLING SAMPLING EFFECTS OF HABITAT LOSS ON DIVERSITY CHANGE ACROSS SCALES <i>Speaker:</i> Jonathan Chase, DE	09:45 - 10:15
<i>Parallel Session</i>		
08:30 - 10:30		Forum
FIN2 - Ecosystem Services in Sustainable Finance		
<i>Session Chair:</i> Alessandra La Notte, <i>Session Chair:</i> Alexandra Marques, NL		
617	TOWARDS A NEW NATURE-BASED ECONOMIC PARADIGM <i>Speaker:</i> Ralph Chami, US	08:30 - 08:45
181	THE ECONOMIC CASE FOR NATURE <i>Speaker:</i> Raffaello Cervigni, US	08:45 - 09:00
493	EARTH ECONOMY MODELLING: EXTENDING THE ECONOMIC CASE FOR NATURE WITH GTAP-INVEST <i>Speaker:</i> Justin Johnson, US	09:00 - 09:15
430	ECOSYSTEMS, BIODIVERSITY AND SUSTAINABLE FINANCE: EU POLICY ACTION <i>Speaker:</i> Alexander Reimers, BE	09:15 - 09:30
364	ECOSYSTEM SERVICES VULNERABILITY ACCOUNTS TO MAP RISK <i>Speaker:</i> Alessandra La Notte,	09:30 - 09:45
307	PHYSICAL RISK ASSESSMENT BY THE DUTCH CENTRAL BANK <i>Speaker:</i> Mark Oorschot, NL	09:45 - 10:00
<i>Plenary Session</i>		
11:00 - 12:30		Davos
PlenTue1 - Plenary Session Tuesday morning		
649	THE ECOLOGY + MANAGEMENT OF POPULATIONS FROM LOCAL TO GLOBAL SCALES <i>Speaker:</i> Yvonne Buckley, IE	11:00 - 11:45
	The current financial sector is incompatible with biodiversity protection. <i>Speaker:</i> Marc Chesney, CH	11:45 - 12:30
<i>Plenary Session</i>		
12:30 - 13:15		Davos
PlenTue1a - XPrize Announcement		

Workshop/Training Session

13:15 - 16:15

Studio

WS_TueB3 - Understanding Diverse Relationships in and with Nature*Organizer:* Hiroe Ishihara, JP*Workshop/Training Session*

13:30 - 14:00

Foyer

Demo_Tue - Biodiversity Sensor Project live demo*Parallel Session*

14:00 - 16:00

Dischma

FIN1-b - Transformative Change in Economic and Financial Systems*Session Chair:* Cengiz Akandil, CH

500	ECONOMICS AND FINANCE: THE DANGERS OF THE MAINSTREAM SCHOOL OF THOUGHT <i>Speaker:</i> Marc Chesney, CH	14:00 - 14:15
	655 REGENERATIVE AGRICULTURE – TRIPLE WIN FOR CLIMATE, NATURE, AND PEOPLE <i>Speaker:</i> Satya S. Tripathi, US	14:15 - 14:30
524	ESG - CAN WE FUNDAMENTALLY GENERATE IMPACT WHEN INVESTING IN LIQUID MARKETS? <i>Speaker:</i> Pascal Botteron, CH	14:30 - 14:45
595	Integrating Externality Measurement to ESG Ratings via Active Engagement Approach <i>Speaker:</i> Mardan Abliz, CH	14:45 - 15:00
612	A FEMINIST ECOSYSTEM: SHIFTING POWER TOWARDS A NEW RELATIONSHIP WITH THE EARTH <i>Speaker:</i> Sophie Jama Malindi, CA	15:00 - 15:15
656	Enhancing Indigenous Peoples Systemic Capacity through Multi-level Partnerships <i>Speaker:</i> Rita Spadafora, DE	15:15 - 15:30
560	RESOURCES FOR IMPLEMENTING THE NEW BIODIVERSITY FRAMEWORK IN THE NEXT DECADE <i>Speaker:</i> Yasha Feferholtz, US	15:30 - 15:45
	Aligning financial flows with global biodiversity goals - The ENCORE Biodiversity Module <i>Speaker:</i> Juliet Blum, CH	15:45 - 16:00

Parallel Session

14:00 - 16:00

Flüela

VAL2-b - Philosophy and Biodiversity*Session Chair:* Anna Wienhues,

273	COHABITABILITY AND BIODIVERSITY <i>Speaker:</i> Teea Kortetmäki, FI	14:00 - 14:20
213	BIODIVERSITY AS A SOURCE RATHER THAN A RESOURCE	14:20 - 14:40

	<i>Speaker:</i> Anna Deplazes Zemp, CH	
266	REASONS FOR VALUING MICROBES: INTRODUCING A MICROBIAL ETHICS <i>Speaker:</i> Leonie Bossert, DE <i>Speaker:</i> Davina Höll, DE	14:40 - 15:00
219	HOW CAN RIGHTS BE MADE RELEVANT TO BIODIVERSITY? <i>Speaker:</i> Patrik Baard, NO	15:00 - 15:20
82	INDIGENOUS WORLDVIEW PHILOSOPHY <i>Speaker:</i> Darcia Narvaez, US	15:20 - 15:40

Parallel Session

14:00 - 16:00

Sertig

FRW1-b - Freshwater biodiversity crisis: horizon scanning of challenges and solutions

183	PHYTOPLANKTON COMMUNITY STRUCTURE OF THE CASCADE DAMS ALONG UPPER YANGTZE RIVER <i>Speaker:</i> ANILA AJAYAN, CN	14:00 - 14:15
109	CAN DNA METABARCODING REPLACE TRADITIONAL METHODS FOR BIODIVERSITY ASSESSMENT? <i>Speaker:</i> François Keck, CH	14:15 - 14:30
68	INTEGRATED SOLUTIONS TO FRESHWATER CONSERVATION <i>Speaker:</i> Sonja Jähnig, DE	14:30 - 14:45

Parallel Session

14:00 - 16:00

Schwarzhorn

BEF1 - Scaling diversity-functioning relationships from plot-scale experiments to real-world landscapes: emergent mechanisms*Session Chair:* Pascal Niklaus, CH

591	EFFECTS OF HABITAT LOSS ON BIODIVERSITY AND ECOSYSTEM FUNCTIONING <i>Speaker:</i> Forest Isbell, US	14:00 - 14:15
449	DIFFERENTIAL EFFECTS OF SOIL FOOD WEBS ON DECOMPOSITION IN MOUNTAIN ECOSYSTEMS <i>Speaker:</i> Camille Martinez Almoyna, FR	14:15 - 14:30
194	EVIDENCE OF EMERGENT DIVERSITY EFFECTS AT THE LANDSCAPE-SCALE <i>Speaker:</i> Pascal Niklaus, CH	14:30 - 14:45
55	LANDSCAPE DIVERSITY-FUNCTIONING RELATIONSHIPS: EVIDENCE FROM REMOTE SENSING <i>Speaker:</i> Simon Landauer, CH	14:45 - 15:00

Parallel Session

14:00 - 16:00

Seehorn

ARC1-b - Arctic biodiversity under global change – from documenting changes to identifying pathways toward sustainable development

Session Chair: Gabriela Schaepman-Strub, CH

261	PATTERNS AND DRIVERS OF MACROINVERTEBRATE DIVERSITY IN ARCTIC FRESHWATERS???? <i>Speaker:</i> Joseph Culp, CA	14:00 - 14:15
197	MULTITROPHIC BIODIVERSITY PATTERNS OF SUB-ARCTIC LAKES IN NORTHERN EUROPE <i>Speaker:</i> Danny Chun Pong Lau, SE	14:15 - 14:30
603	ABUNDANCE AND DIVERSITY TRENDS AND CLIMATE CHANGE RESPONSES IN ARCTIC ARTHROPODS <i>Speaker:</i> Toke T. Høye, DK	14:30 - 15:00
552	CLIMATE CHANGE AND BREEDING RANGE DYNAMICS OF SONGBIRDS IN NORTH-EAST RUSSIA <i>Speaker:</i> Olga Kulikova, RU	15:00 - 15:15
485	BIODIVERSITY OF THE RUSSIAN HIGH ARCTIC ISLANDS <i>Speaker:</i> Vitalii Zemlianskii, CH	15:15 - 15:30
202	CLIMATE-DRIVEN CHANGES IN BIODIVERSITY PATTERNS IN THE SIBERIAN SHELF SEAS <i>Speaker:</i> Vasiliy Povazhnyi, RU	15:30 - 16:00

Parallel Session

14:00 - 16:00

Wisshorn

MON2-c - Detecting and attributing biodiversity change: linking essential variables to indicators and goals

Session Chair: Andrew Gonzalez,

605	DETECTING CHANGE IN BIODIVERSITY TIME SERIES: THE SIGNALS WITHIN BIOTIME <i>Speaker:</i> Maria Dornelas, GB	14:00 - 14:30
434	SHIFTING CLIMATIC IMPRINTS RESHUFFLE NORTHERN COMMUNITIES <i>Speaker:</i> Laura Antao, FI	14:30 - 14:45
611	THE EFFECTIVENESS OF TERRESTRIAL PROTECTED AREAS <i>Speaker:</i> Chloë Alexia Metcalfe, GB	14:45 - 15:00
353	ASSESSMENT OF BIODIVERSITY AND FIRE REGIMES RELATIONSHIP ON A GLOBAL SCALE <i>Speaker:</i> Fátima Arrogante, ES	15:00 - 15:15
189	PROJECTING JOINT TRENDS IN PLANT DIVERSITY AND ECOSYSTEM PROCESSES <i>Speaker:</i> Akira Mori, JP	15:15 - 15:30
262	DETECTING AND ATTRIBUTING TRENDS IN ESSENTIAL ECOSYSTEM SERVICE VARIABLES	15:30 - 16:00

Speaker: Amanda Schwantes, CA

Parallel Session

14:00 - 16:00

Forum

COM2 - Communicating biodiversity to engage and inspire people to act

Session Chair: Fanny Petibon,

208	BEHAVIORAL INSIGHTS FOR SUCCESSFUL BIODIVERSITY COMMUNICATION <i>Speaker:</i> Tobias Brosch, CH	14:00 - 14:15
122	HOW TO COMMUNICATE EFFECTIVELY - THE PROCESS TO AUDIENCE ENGAGEMENT <i>Speaker:</i> Sandrine Pasche, CH	14:15 - 14:30
107	FOR PLEDGES THAT WORK: ADDRESSING BIODIVERSITY LOSS REQUIRES MORE STRATEGIC DEPTH <i>Speaker:</i> Claude Garcia, CH	14:30 - 14:45
178	PARTICIPATORY VIDEO TO ENGAGE LOCAL POPULATIONS AND DECISION-MAKERS <i>Speaker:</i> Jayalaxshmi Mistry, GB	14:45 - 15:00
191	COMMUNICATING BIODIVERSITY THROUGH SCHOOLS CONSERVATION EDUCATION PROGRAMMES <i>Speaker:</i> George Njagi, KE	15:00 - 15:15
622	EARTH JOURNALISM NETWORK ADVISES ON BIODIVERSITY COVERAGE <i>Speaker:</i> James Fahn, US	15:15 - 15:30

Plenary Session

16:30 - 18:00

Davos

PlenTue2 - Plenary Session Tuesday afternoon

644	NATURALNESS AND THE VALUE OF BIODIVERSITY <i>Speaker:</i> Katie McShane, US	16:30 - 17:15
659	PRIORITY TRANSITIONS FOR A NATURE-POSITIVE ECONOMY <i>Speaker:</i> Akanksha Khatri, CH	17:15 - 18:00

Social Events

18:15 - 18:45

Davos

Apéro_BornGlobal - Apéro - We Are Born Global... Are You?

Plenary Session

18:45 - 21:00

Davos

Performance_BornGlobal - Performance - We Are Born Global... Are you?

Wednesday, 29. June 2022

Plenary Session
08:00 - 09:30

Davos

PlenWed - Plenary Session Wednesday

- | | | |
|-----|--|---------------|
| 658 | INDIGENOUS PEOPLES' FOOD SYSTEMS: NUTRITION, FOOD SOVEREIGNTY, HEALTHY PLANET
<i>Speaker:</i> Tania Eulalia Martinez-Cruz, BE | 08:00 - 08:45 |
| 647 | EVOLUTION IN THE AGE OF US: MECHANISMS + CONSEQUENCES OF HUMAN-MEDIATED SELECTION
<i>Speaker:</i> Shane C. Campbell-Staton, US | 08:45 - 09:30 |

Workshop/Training Session
09:30 - 13:00

Forum

WS_TueB11 - Sustainability and collective action : the oil palm supply chain

Organizer: Claude Garcia, CH

Parallel Session
10:00 - 12:00

Dischma

SOI1 - Soil biodiversity for global welfare

Session Chair: S. Franz Bender,

- | | | |
|-----|--|---------------|
| 244 | THE FUNDAMENTAL IMPORTANCE OF CONSERVING SOIL BIODIVERSITY
<i>Speaker:</i> Manuel Delgado-Baquerizo, ES | 10:00 - 10:15 |
| 43 | SOIL MICROBIAL DIVERSITY IS CRUCIAL FOR PLANT HEALTH
<i>Speaker:</i> Gabriele Berg, AT | 10:15 - 10:30 |
| 297 | THE IMPORTANCE OF SOIL BIODIVERSITY IN GLOBAL ECOSYSTEM RESTORATION
<i>Speaker:</i> Thomas Crowther, CH | 10:30 - 10:45 |
| 232 | HARNESSING ROOT-MICROBE INTERACTIONS FOR OPTIMISING ECOSYSTEM FUNCTIONING
<i>Speaker:</i> Franciska de Vries, NL | 10:45 - 11:00 |
| 398 | DO MICROBIAL AND PLANT DIVERSITY INTERACTIONS REGULATE ECOSYSTEM FUNCTIONS?
<i>Speaker:</i> Brajesh Singh, AU | 11:00 - 11:15 |
| 450 | IMPACT OF PESTICIDES ON SOIL BIODIVERSITY AND SOIL HEALTH
<i>Speaker:</i> Marcel van der Heijden, CH | 11:15 - 11:30 |
| 404 | BACK TO THE ROOTS, INSPIRED BY NATURE. PRACTICES TO INCREASE SOIL BIODIVERSITY
<i>Speaker:</i> Alfred Grand, AT | 11:30 - 11:45 |
| | Discussion SOI1 | 11:45 - 12:00 |

Parallel Session

10:00 - 12:00

Flüela

AGR1 - Intercropping – exploitation of biodiversity benefits in arable fields*Session Chair:* Christian Schöb, CH

- | | | |
|-----|--|---------------|
| 440 | PERFORMANCE OF THE PIGEON PEA-COWPEA INTERCROPPING SYSTEM IN MALAWI
<i>Speaker:</i> Austin Tenthani Phiri, MW | 10:00 - 10:15 |
| 499 | INTERCROPPING SYSTEMS IN SUB-SAHARAN AFRICA: LESSON LEARNED
<i>Speaker:</i> johan six, CH | 10:15 - 10:30 |
| 136 | HOW TO INTERCROP IN A LARGE-SCALE GRAIN PRODUCTION SYSTEM
<i>Speaker:</i> Lana Shaw, CA | 10:30 - 10:45 |
| 333 | AN APPROACH TO STUDY BIODIVERSITY AND PEST CONTROL IN COFFEE AGROFORESTS
<i>Speaker:</i> Ivette Perfecto, US | 10:45 - 11:00 |
| 237 | COMBINING THEORY AND PRAGMATISM TO IMPROVE THE MIXING OF CROP VARIETIES
<i>Speaker:</i> Samuel Wuest, CH | 11:00 - 11:15 |
| 501 | CURRENT TRENDS IN BREEDING AND INTERCROPPING OF PULSES IN SWITZERLAND
<i>Speaker:</i> Sebastian Kussmann, CH | 11:15 - 11:30 |
| 537 | RAPID TRANSGENERATIONAL ADAPTATION IN RESPONSE TO INTERCROPPING BENEFITS YIELD
<i>Speaker:</i> Laura Stefan, CH | 11:30 - 11:45 |
| 454 | NUTRITIONAL QUALITY AND PROCESSING OF LEGUMES AND OTHER INTERCROPPED SPECIES
<i>Speaker:</i> Marta Vasconcelos, PT | 11:45 - 12:00 |

Parallel Session

10:00 - 12:00

Sertig

FRW4 - Integrating perspectives on biodiversity and ecosystem functioning of aquatic and terrestrial ecosystems across river catchments & The importance of being small: biodiversity conservation in ponds and other small freshwater systems*Session Chair:* Luca Carraro,*Session Chair:* Maria Cuenca Cambroneró,

- | | | |
|-----|---|---------------|
| 311 | WITHIN-WETLAND PATCH DIVERSITY CRITICAL TO ECOSYSTEM FUNCTION AND RESTORATION
<i>Speaker:</i> Graham Stewart, US | 10:00 - 10:15 |
| 464 | DRIVERS OF POND BIODIVERSITY: THE INTERPLAY BETWEEN LOCAL AND REGIONAL FACTORS
<i>Speaker:</i> Pieter Lemmens, DE | 10:15 - 10:30 |
| 300 | CONNECTIVITY LOSS AS A DRIVER OF BIODIVERSITY LOSS IN PONDSCAPES | 10:30 - 10:45 |

	<i>Speaker:</i> Zsofia Horvath, HU	
410	EUROPONDS FRESH PROJECT - ECOLOGICAL CONTRIBUTION OF PONDS TO THEIR LANDSCAPES <i>Speaker:</i> Lena Fehlinger, AT	10:45 - 11:00
12	PATHWAYS FOR CROSS-BOUNDARY EFFECTS OF BIODIVERSITY ON ECOSYSTEM FUNCTIONING <i>Speaker:</i> Michael Scherer-Lorenzen, DE	11:00 - 11:15
111	LINKING BIRDS, INSECTS AND FUNCTIONS TO MODEL RIVER REWILDING POTENTIAL <i>Speaker:</i> Natalie K. Rideout, CA	11:15 - 11:30
148	METAECOSYSTEM DYNAMICS DRIVE SPATIAL DISTRIBUTION OF FUNCTIONAL GROUPS IN RIVERS <i>Speaker:</i> Luca Carraro,	11:30 - 11:45
<i>Parallel Session</i> 10:00 - 12:00		Schwarzhorn
MOU1-a - Global mountain biodiversity		
<i>Session Chair:</i> Davnah Urbach,		
346	THE CURRENT FATE OF THE WORLD'S CLOUD FORESTS <i>Speaker:</i> Dirk Nikolaus Karger, CH	10:00 - 10:15
45	ON NATURE AND PEOPLE IN MOUNTAINS WORLDWIDE: A GLOBAL COMPARISON <i>Speaker:</i> Mark Snethlage, CH	10:15 - 10:30
391	STAKEHOLDER PERSPECTIVES ON WHICH SDGS NEED TO BE PRIORITISED IN MOUNTAINS <i>Speaker:</i> Jonas Geschke, CH	10:30 - 10:45
MOU1-b(extra)	Ecological and socio-economic modelling of future plant communities in the Swiss Alps (Luca Bütikofer, Christophe Randin, Davnah Urbach, Antoine Adde, Antoine Guisan)	10:45 - 11:00
481	MOUNTAIN BIODIVERSITY AND THE SUSTAINABLE DEVELOPMENT GOALS <i>Speaker:</i> Graham Prescott, CH	11:00 - 11:15
442	HUMAN POPULATIONS IN THE WORLD'S MOUNTAINS: PATTERNS AND POTENTIAL CONTROLS <i>Speaker:</i> James Thornton, CH	11:15 - 11:30
196	GLOBAL SURVEY ON ALIEN INVASIVE SPECIES IMPACTS AND MANAGEMENT IN MOUNTAINS <i>Speaker:</i> Sonya Geange, NO	11:30 - 11:45
215	ALPINE AQUATIC BIODIVERSITY: PATTERNS, DRIVING FACTORS, AND FUTURE PERSPECTIVES <i>Speaker:</i> Dean Jacobsen, DK	11:45 - 12:00

Parallel Session

10:00 - 12:00

Seehorn

MOD1-a - Spatiotemporal Scales and Novel Methods in Modelling Biodiversity at a Landscape Level*Session Chair:* Heng Zhang,

528	A MACHINE-LEARNING FRAMEWORK TO UNDERSTAND AND PREDICT SOIL BIODIVERSITY <i>Speaker:</i> Wilfried Thuiller, FR	10:00 - 10:30
129	LANDSCAPE HETEROGENEITY AND BIOTIC INTERACTIONS SHAPE MULTI-TAXA BETA DIVERSITY <i>Speaker:</i> Vannesa Montoya-Sánchez, CH	10:30 - 10:45
159	SPATIO-TEMPORAL NETWORKS FOR WETLAND BIODIVERSITY CONSERVATION <i>Speaker:</i> Nivedita Varma Harisena, CH	10:45 - 11:00
301	INTERPRETABLE MACHINE LEARNING FOR FORECASTING DYNAMICAL PROCESSES IN ECOSYSTEMS <i>Speaker:</i> Victor Boussange, CH	11:00 - 11:15
298	MODELING WILD BEE HABITAT FROM LANDSCAPE FEATURES <i>Speaker:</i> Sophie Meier, DE	11:15 - 11:30
386	CLIMATE CHANGE IMPACTS ON THE UNIQUE BIODIVERSITY OF DEEP PERIALPINE LAKES <i>Speaker:</i> Dario Josi, CH	11:30 - 11:45

Parallel Session

10:00 - 12:00

Wisshorn

MON3-a - From the species to the individual: investigating plant diversity on the scale that matters most*Session Chair:* Paolo Villa,*Convener:* Meredith C Schuman, CH

	Intro Slot MON3a	10:00 - 10:15
509	MULTIMODAL REMOTE SENSING OF AQUATIC PLANT DIVERSITY <i>Speaker:</i> Paolo Villa,	10:15 - 10:30
561	SCALABLE SPATIAL ANALYSES OF FUNCTIONAL GENETICS IN REAL PLANT COMMUNITIES <i>Speaker:</i> Meredith C Schuman, CH	10:30 - 10:45
78	ASSOCIATION STUDY OF GENETIC VARIATION AND SPECTROSCOPIC IMAGING VARIANTS <i>Speaker:</i> Cheng Li, CH	10:45 - 11:00
155	TRAIT VARIATION IN TREES AND SPECIES: INSIGHTS FROM TREE DIVERSITY EXPERIMENTS <i>Speaker:</i> Andréa Davrinche, DE	11:00 - 11:15
173	PATTERNS OF TREE PHENOTYPIC INTEGRATION AND INTRA-INDIVIDUAL TRAIT VARIATION	11:15 - 11:30

	<i>Speaker:</i> Pablo Castro Sánchez-Bermejo, DE	
101	THE WOOD AND THE TREES: TAXONOMIC TRANSPARENCY FACING THE INTRICACIES OF NATURE <i>Speaker:</i> Vincent Cuypers, BE	11:30 - 11:45
	Discussion MON3a	11:45 - 12:00
<i>Workshop/Training Session</i>		
	10:00 - 12:00	Studio
	WS_WedB9 - "Thriving Spaces": Sustainability and Spatial Development <i>Organizer:</i> Gabriela Wülser, CH	
<i>Workshop/Training Session</i>		
	12:30 - 14:00	Studio
	WS_WedB12 - Expert insights on research-policy collaborations to inspire researchers to engage in policy <i>Organizer:</i> Debra Zuppinger-Dingley, CH <i>Organizer:</i> Andrew Berger, CH	
<i>Workshop/Training Session</i>		
	12:45 - 14:00	Dischma
	WS_WedD10 - Agroforestry in oil palm landscapes: a win-win option for biodiversity, smallholders and industries? <i>Organizer:</i> Delphine Clara Zemp, CH	
<i>Workshop/Training Session</i>		
	13:00 - 13:30	Foyer
	Demo_Wed - Biodiversity Sensor Project live demo	
<i>Poster Session</i>		
	14:00 - 16:00	Hall
	MON2 - Detecting and attributing biodiversity change: linking essential variables to indicators and goals	
190	ASSESSING THE POTENTIAL OF ALIEN TREE SPECIES FOR REGIONAL FOREST RESTORATION <i>Speaker:</i> Kureha F Suzuki, JP	14:00 - 14:00
342	ECOSYSTEM EXTENT ACCOUNTING OF BIODIVERSITY AT FEDERAL LEVEL <i>Speaker:</i> Ralf-Uwe Syrbe, DE	14:00 - 14:00
394	COASTAL ESSENTIAL BIODIVERSITY VARIABLES FROM SATELLITE FOR SCIENCE AND POLICY <i>Poster Presenter:</i> Stefanie Broszeit, GB	14:00 - 14:00
511	DIVERSITY OF DESERT VEGETATION OF SINAI, EGYPT <i>Speaker:</i> Mohamed Z. Hatim, NL	14:00 - 14:00
582	CLIMATE DATA MACROECOLOGISTS – FROM SOLAR RADIATION TO SITE WATER BALANCE <i>Speaker:</i> Philipp Brun, CH	14:00 - 14:00

Poster Session

14:00 - 16:00

Hall

MON1 - Scaling up terrestrial biodiversity monitoring - needs, challenges and opportunities

- | | | |
|-----|---|---------------|
| 126 | TOWARDS TRAINABLE BIOHYBRID SENSORS VIA OSTRACOD-MICROFLUIDICS INTERFACE
<i>Speaker:</i> Donato Romano, IT | 14:00 - 14:00 |
| 203 | GLOBAL FOREST CANOPY HEIGHT AND DENSITY RELATIONSHIPS FROM SPACEBORNE LIDAR
<i>Speaker:</i> Heather Kay, GB | 14:00 - 14:00 |
| 265 | MONITORING CONFIGURATOR: BIODIVERSITY ASSESSMENTS IN PROTECTED AREAS.
<i>Speaker:</i> Klaus Steinbauer, AT | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

MOD2 - A Model for Life: Toward a universal biodiversity projection platform (by invitation only)

- | | | |
|-----|---|---------------|
| 185 | TOWARDS A REFERENCE PLATFORM FOR BIODIVERSITY MODELLING IN SWITZERLAND
<i>Speaker:</i> Antoine Adde, CH | 14:00 - 14:00 |
| 451 | INVASIVE SPECIES CONTROL THROUGH REINFORCEMENT LEARNING
<i>Speaker:</i> Alice Scarpa, GB | 14:00 - 14:00 |
| 475 | BIODIVERSITY RESPONSES TO CLIMATE CHANGE AND LAND USE IN THE TROPICS
<i>Speaker:</i> Tim Newbold, GB | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

BEF2 - Functional diversity in space and time: measurements, models and experiments to advance trait-based ecology

- | | | |
|-----|--|---------------|
| 379 | FUNCTIONAL DIVERSITY RANGE SHIFTS UNDER GLOBAL CHANGE
<i>Speaker:</i> Julia Joswig, CH | 14:00 - 14:00 |
| 556 | BIOCLIMATIC MODELS OF SEED MASS VARIABILITY OF THE PINUS GENDER OVER SIBERIA, RUSSIA
<i>Speaker:</i> Elena Parfenova, RU | 14:00 - 14:00 |
| 576 | UNRAVELLING THE FUNCTIONAL DIVERSITY OF A DEHESA WITH SUN-INDUCED FLUORESCENCE
<i>Speaker:</i> Giulia Tagliabue, IT | 14:00 - 14:00 |
| 579 | TOWARDS IDENTIFYING ALL SWISS PLANT SPECIES FROM PHOTOS AND HABITAT INFORMATION
<i>Speaker:</i> Philipp Brun, CH | 14:00 - 14:00 |
| 200 | FUNCTIONAL DIVERSITY AND LONG-TERM RESILIENCE IN EUROPEAN NATURAL FORESTS | 14:00 - 14:00 |

Speaker: Maik Billing, DE

Poster Session

14:00 - 16:00

Hall

CIT2 - Growing African Cities, Culture and Biodiversity

- | | | |
|-----|--|---------------|
| 147 | CULTURE AND FOREST CONSERVATION IN COMMUNITIES IN GHANA: A CASE OF AKYEM TAFO
<i>Speaker:</i> Madinatu Bello, GH | 14:00 - 14:00 |
| 6 | ANALYSIS OF CO₂ AND CH₄ DISSEMINATION IN NATURE AND ITS IMPACT ON BIODIVERSITY
<i>Speaker:</i> Bulonze Chibaderhe Leonce, RW | 14:00 - 14:00 |
| 564 | KNOWLEDGE OF URBAN TREES IN MEDELLÍN, AS A BASIS FOR THEIR CONSERVATION | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

CUL2 - Convivial Constitutionality: historical-institutional perspectives on human-predator interrelations and conservation policies

- | | | |
|----|--|---------------|
| 69 | KIN, COEXISTENCE, AND COPING WITH WILDLIFE IN HIMALAYAN COMMUNITY FORESTS, INDIA
<i>Speaker:</i> Madison Stevens, CA | 14:00 - 14:00 |
|----|--|---------------|

Poster Session

14:00 - 16:00

Hall

ARC1 - Arctic biodiversity under global change – from documenting changes to identifying pathways toward sustainable development

- | | | |
|-----|---|---------------|
| 340 | LATITUDE DOES NOT EXPLAIN PLANT SPECIES RICHNESS ACROSS WESTERN SIBERIAN TUNDRA
<i>Speaker:</i> Vitalii Zemlianskii, CH | 14:00 - 14:00 |
| 419 | BIODIVERSITY OF TERRESTRIAL MAMMALS IN THE EURASIAN TUNDRA BIOME
<i>Speaker:</i> Ludmila Emelyanova, RU | 14:00 - 14:00 |
| 458 | FACE-IT: DEVELOPING ADAPTIVE CO-MANAGEMENT OF ARCTIC FJORDS IN TRANSITION
<i>Speaker:</i> Simon Jungblut, DE | 14:00 - 14:00 |
| 521 | DISTRIBUTION OF VASCULAR PLANTS IN THE WEST SIBERIAN ARCTIC
<i>Speaker:</i> Tatiana Ivleva, RU | 14:00 - 14:00 |
| 570 | ADVENTIVE COMPONENT OF FLORA IN NORTHEASTERN YAMAL TUNDRA
<i>Speaker:</i> Nikita Kadetov, RU | 14:00 - 14:00 |
| 263 | TRANSFORMATION OF BIODIVERSITY OF BIRDS AND MAMMALS IN THE MIDDLE EUROPEAN TAIGA
<i>Speaker:</i> Ludmila Emelyanova, RU | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

FRW3 - The role of coordination and harmonization for detection of trends in freshwater biodiversity at a global scale

- | | | |
|-----|---|---------------|
| 529 | CHALLENGES IN FRESHWATER BIODIVERSITY: THE CASE OF DATA PUBLISHING
<i>Speaker:</i> Astrid Schmidt-Kloiber, AT | 14:00 - 14:00 |
|-----|---|---------------|

Poster Session

14:00 - 16:00

Hall

COM1 - Habitat loss and management Africa & Communicating biodiversity to engage and inspire people to act

- | | | |
|-----|--|---------------|
| 64 | CHARACTERISING THE SPATIO-TEMPORAL DYNAMICS OF WEST-AFRICA FOREST FRAGMENTS
<i>Speaker:</i> Vladimir Wingate, CH | 14:00 - 14:00 |
| 217 | IMPLEMENTATION GAPS IN BIODIVERSITY CONSERVATION POLICY IN CHINA
<i>Speaker:</i> Weiye Wang, CN | 14:00 - 14:00 |
| 218 | CONVERGING AND COMPETING AIMS OF SUSTAINABILITY IN CHINA
<i>Speaker:</i> Chunhong Sheng, CN | 14:00 - 14:00 |
| 222 | POWER ADJUSTMENT IN CHINA'S NATIONAL PARK POLICY PROCESS.
<i>Speaker:</i> Pei Zhang, DE | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

GOV1 - The influence of environmental, social and governance (ESG) reporting on investors' decisions - is this an alternative, effective way to achieve biodiversity conservation goals? & Building back better in the post-COVID era: Locking in insights for sustainable ocean governance

- | | | |
|-----|--|---------------|
| 290 | REVIEW OF THE EFFECTS OF PPES ON BIODIVERSITY PRODUCTIVITY IN THE OCEAN
<i>Speaker:</i> FUSEINI TIA IDDRISU, GH | 14:00 - 14:00 |
| 571 | WIND ENERGY-LAND USE-BIODIVERSITY NEXUS STATUS IN NORTH AFRICA: CASE OF TUNISIA
<i>Speaker:</i> Faten ATTIG BAHAR, TN | 14:00 - 14:00 |
| 62 | THINKING AND ACTING IN A DISRUPTED WORLD: GOVERNANCE, ENVIRONMENT AND PEOPLE
<i>Speaker:</i> André Francisco Pilon, BR | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

MOD4 - Challenges and opportunities for using the IPBES Nature Futures Framework for scenarios and modelling to identify transformative pathways for biodiversity and people

- | | | |
|-----|---|---------------|
| 497 | ADAPTING THE NFF TO PROTECT THE FUTURE OF EUROPEAN VERTEBRATE TROPHIC NETWORKS | 14:00 - 14:00 |
|-----|---|---------------|

	<i>Speaker:</i> Wilfried Thuiller, FR	
468	MODELLING A LANDSCAPE USING NATURE FUTURES FRAMEWORK: A CASE STUDY IN JAPAN <i>Speaker:</i> Chihiro Haga, JP	14:00 - 14:00
604	ECOSYSTEM STRUCTURE, FUNCTION AND HUMAN PRESSURE ON NIGERIAN PROTECTED AREAS <i>Speaker:</i> Felicia O. Akinyemi, CH	14:00 - 14:00
527	A PLURALISTIC NATURE FUTURES FRAMEWORK FOR POLICY AND ACTION <i>Speaker:</i> Carolyn Lundquist, NZ	14:00 - 14:00
<i>Poster Session</i>		
14:00 - 16:00		Hall
DAT1 - Integrating biodiversity and human well-being data		
238	SWISS-WIDE ECOSYSTEM SERVICES ASSESSMENT <i>Speaker:</i> Nathan Külling, CH	14:00 - 14:00
<i>Poster Session</i>		
14:00 - 16:00		Hall
DAT2 - Be FAIR and CARE; synergies, tradeoffs, and perspectives in biodiversity data for science, policy, and action		
252	DEVELOPING A FAIR ATLAS OF KNOWLEDGE FOR INVASION SCIENCE AND BEYOND <i>Speaker:</i> Tina Heger, DE	14:00 - 14:00
357	IPBES GOES FAIR & CARE! DATA AND KNOWLEDGE MANAGEMENT POLICY ADAPTED <i>Speaker:</i> Aidin Niamir, DE	14:00 - 14:00
446	EXERCISING INDIGENOUS DATA SOVEREIGNTY WITHIN HERBARIUM COLLECTIONS <i>Speaker:</i> Warren Cardinal-McTeague, CA	14:00 - 14:00
533	EKLIPSE: BRIDGING THE GAP BETWEEN POLICY AND KNOWLEDGE ON BIODIVERSITY IN EUROPE <i>Speaker:</i> Marie Vandewalle, DE	14:00 - 14:00
269	WHAT FACTORS INFLUENCE THE QUALITY OF OPEN DATASETS IN ECOLOGY AND EVOLUTION? <i>Speaker:</i> Dominique Roche, CA	14:00 - 14:00
<i>Poster Session</i>		
14:00 - 16:00		Hall
FRW1 - Freshwater biodiversity crisis: horizon scanning of challenges and solutions		
54	AQUATIC INSECT BIODIVERSITY IN KOSOVO: CHALLENGES AND SOLUTIONS <i>Speaker:</i> Bardh Xerxa, XK	14:00 - 14:00

151	MODELLING EDNA TRANSPORT IN RIVERS REVEALS SPATIOTEMPORAL BIODIVERSITY PATTERNS <i>Speaker:</i> Luca Carraro,	14:00 - 14:00
358	THE ALLIANCE FOR FRESHWATER LIFE <i>Speaker:</i> Sonja Jähnig, DE	14:00 - 14:00
488	FRAGMENTATION OF FRESHWATER FISH HABITAT DUE TO GLOBAL HYDROPOWER EXPANSION <i>Speaker:</i> Valerio Barbarossa, NL	14:00 - 14:00
558	EFFECTS OF NUTRIENT ADDITION ON FRESHWATER SPECIES ASSEMBLAGES: A META-ANALYSIS <i>Speaker:</i> Floris Neijens, NL	14:00 - 14:00
337	MONITORING MACROINVERTEBRATE COMMUNITIES AT LARGE SCALES USING EDNA SAMPLES <i>Speaker:</i> Jeanine Brantschen, CH	14:00 - 14:00
250	SPATIO-TEMPORAL PATTERNS OF BIODIVERSITY AND FOOD-WEBS ACROSS A CATCHMENT <i>Speaker:</i> Hsi-Cheng Ho, CH	14:00 - 14:00
286	RECYCLING OF POTENTIAL WATER POLLUTANTS WITH BLACK SOLDIER FLY (BSF) <i>Speaker:</i> Daniela Sheifer, RU	14:00 - 14:00

Poster Session

14:00 - 16:00

Hall

MOD3 - Connecting Science to Action: Inspiring Ordinary Citizens to Become a Positive Environmental Force

53	AUGMENTING SDG 11 IMPLEMENTATION AND BIODIVERSITY FINANCING THROUGH INNOVATION <i>Speaker:</i> Dumisani Chirambo, MW	14:00 - 14:00
----	--	---------------

Poster Session

14:00 - 16:00

Hall

VAL1 - An interdisciplinary discourse on biodiversity values

150	FROM BIRD'S-EYE-VIEWS TO JOINT LANDSCAPE VISIONS <i>Speaker:</i> Fritz Kleinschroth, CH	14:00 - 14:00
289	CRITERIA FOR SUCCESSFUL MARINE BIODIVERSITY CONSERVATION POLICY TARGETS <i>Speaker:</i> Jan-Claas Dajka, DE	14:00 - 14:00
380	ON THE IMPORTANCE OF VALUES IN CONSERVATION SCIENCE. <i>Speaker:</i> Martin A. Schlaepfer, CH	14:00 - 14:00
38	AFRO-INDIANITY AND ENVIRONMENTAL JUSTICE: TOWARDS A "POLITICAL ECOSOPHY" <i>Speaker:</i> Samuel Urbina, VE	14:00 - 14:00

Poster Session

14:00 - 16:00

Hall

SOI2 - Soil biodiversity and function scenarios

- | | | |
|-----|---|---------------|
| 473 | MICROBIAL DYNAMICS IN TRADITIONAL ECO-KNOWLEDGE AGRI-AMENDMENT SYSTEMS
<i>Speaker:</i> Seema B. sharma, IN | 14:00 - 14:00 |
| 490 | BOREAL FOREST SOIL MESOFAUNA RESPOND TO DECADAL CLIMATE FLUCTUATIONS
<i>Speaker:</i> Viesturs Melecis, LV | 14:00 - 14:00 |
| 180 | DOMAIN ONTOLOGIES TO EXPLORE AND MANAGE FUNCTIONAL SOIL-INVERTEBRATE DIVERSITY
<i>Speaker:</i> Carlos A. Martínez-Muñoz, DE | 14:00 - 14:00 |
| 258 | VEGETATION DIVERSITY BUFFERS MACROCLIMATE FLUCTUATIONS AND EXTREMES IN SOILS
<i>Speaker:</i> Rémy Beugnon, DE | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

SES2 - Placing biodiversity research within a social-ecological context

- | | | |
|-----|---|---------------|
| 234 | SCENARIOS FOR BIODIVERSITY TARGETS IN CHINA BASED ON NATURE FUTURES FRAMEWORK
<i>Speaker:</i> Dandan Yu, CN | 14:00 - 14:00 |
| 316 | BOTTOM-UP SYNTHESIS OF COFFEE AND CACAO AGROFORESTRY RESEARCH
<i>Speaker:</i> Dominic Andreas Martin, CH | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

OPEN SESSION - Open Poster Session without specific topic

- | | | |
|-----|--|---------------|
| 1 | PROMOTING OPEN DATA FOR BIODIVERSITY CONSERVATION AMONG TARGET GROUPS
<i>Speaker:</i> Thy Try, KH | 14:00 - 14:00 |
| 48 | THE HABITAT MAP OF SWITZERLAND
<i>Speaker:</i> Bronwyn Price, CH | 14:00 - 14:00 |
| 113 | INTEGRATING CLIMATE CHANGE INTO MARINE PROTECTED AREA MANAGEMENT PLANS
<i>Speaker:</i> Vincenzo Corelli, CA | 14:00 - 14:00 |
| 140 | SUSTAINABILITY PRACTICES AT SECONDARY SCHOOL OF MYMENSINGH REGION, BANGLADESH
<i>Speaker:</i> Md Rishad Abdullah, BD | 14:00 - 14:00 |
| 356 | COUNTRYWIDE, HIGH-RESOLUTION CLASSIFICATION OF PERMANENT GRASSLAND HABITATS
<i>Speaker:</i> Nica Huber, CH | 14:00 - 14:00 |

- 420 **MEASURING EQUALITY OF ACCESS TO INTACT BIODIVERSITY USING FINE-RESOLUTION DATA** 14:00 - 14:00
Speaker: Adriana De Palma, GB

Poster Session

14:00 - 16:00

Hall

Onsite and virtual posters & coffee & cake!*Poster Session*

14:00 - 16:00

Hall

MOD5 - Models and scenarios for biodiversity & ES at regional to global scales

- 365 **BIODIVERSITY FOOTPRINTS OF NITROGEN EMISSIONS** 14:00 - 14:00
Speaker: Alexandra Marques, NL

- 407 **THREATS OF LAND USE TO THE GLOBAL DIVERSITY OF VASCULAR PLANTS** 14:00 - 14:00
Speaker: Hadassa Moreira, NL

- 425 **THREATS OF GLOBAL WARMING TO THE WORLD'S FRESHWATER FISHES** 14:00 - 14:00
Speaker: Valerio Barbarossa, NL

- 484 **BIODIVERSITY MODELS TO INFORM SUSTAINABLE AGRICULTURAL POLICIES AND PRACTICES** 14:00 - 14:00
Speaker: Samantha L.L. Hill, GB

- 559 **REFINING THE BIODIVERSITY INTACTNESS INDEX TO BETTER REFLECT HUMAN IMPACTS** 14:00 - 14:00
Speaker: Andy Purvis, GB

Poster Session

14:00 - 16:00

Hall

MON4 - Radar-based approaches to monitoring the abundance, morphological diversity and movements of aerial taxa

- 329 **TRACKING DESERT LOCUST SWARMS USING DUAL-POLARISATION WEATHER RADAR** 14:00 - 14:00
Speaker: William Kunin, GB

- 370 **ESTIMATION OF BIRD SPECIES COMPOSITIONS IN WEATHER RADAR DATA BY CITIZEN SCIENCE** 14:00 - 14:00
Speaker: Nadja Weisshaupt, FI

Poster Session

14:00 - 16:00

Hall

SES1 - Biodiversity changes in social-ecological systems – use of data and knowledge to support societal transformation towards sustainability

- 231 **MODELLING BIODIVERSITY IMPACTS OF LAND-USE CHANGE IN AREAS OF COCOA CULTIVATION** 14:00 - 14:00
Speaker: Calum Maney, GB

- 347 **TOURISM CARRYING CAPACITY AND OPTIONS FOR THE** 14:00 - 14:00

SUNDARBANS ECOSYSTEM, BANGLADESH*Speaker:* Salma Begum, BD

502 **IMPACT OF RURAL TRANSFORMATION ON ECOSYSTEM SERVICES IN THREE “REAL LABS”** 14:00 - 14:00

Speaker: Suili Xiao, DE

281 **FEDA: A NEW TRANSDISCIPLINARY RESEARCH INITIATIVE TO REVERSE BIODIVERSITY LOSS** 14:00 - 14:00

Speaker: Volker Mosbrugger, DE*Poster Session*

14:00 - 16:00

Hall

FRW4 - The importance of being small: biodiversity conservation in ponds and other small freshwater systems

108 **IT’S JUST A DITCH... OR IS IT? ECOSYSTEM SERVICE PROVISIONING IN AGRO-LANDSCAPES** 14:00 - 14:00

Speaker: Natalie K. Rideout, CA*Poster Session*

14:00 - 16:00

Hall

AGR1 - Intercropping – exploitation of biodiversity benefits in arable fields

257 **IDENTIFYING AND MAPPING THE SEMIOCHEMICALS OF “PUSH-PULL” MIXED CROPPING SYSTEMS** 14:00 - 14:00

Speaker: Jakob Lang, CH

327 **DIVERSITY OF COWPEA IN MAIZE INTERCROPPING FOR SUSTAINABLE HIGHLAND AGRICULTURE** 14:00 - 14:00

Speaker: Tonapha Pusadee, TH

455 **EVALUATION OF THE POTATO-SOYBEAN INTERCROPPING SYSTEM IN MALAWI** 14:00 - 14:00

Speaker: Austin Tenthani Phiri, MW

439 **SYNTHESISING LOCAL EFFECTS OF AGRICULTURAL DIVERSIFICATION ON MAMMAL DIVERSITY** 14:00 - 14:00

Speaker: Koen Kuipers, NL*Poster Session*

14:00 - 16:00

Hall

FRW2 - Research and implementation to restore and protect Blue-Green biodiversity

577 **UNRAVELLING FOOD WEBS IN AQUATIC-TERRESTRIAL SYSTEMS WITH STABLE ISOTOPES** 14:00 - 14:00

Speaker: Bastiaan Jan Willem Drost, CH

525 **CLIMATE CHANGE SHIFTS THE TIMING OF NUTRITIONAL FLUX FROM AQUATIC INSECTS** 14:00 - 14:00

Speaker: Jeremy Ryan Shipley, CH

Poster Session

14:00 - 16:00

Hall

RES1 - Taking Action to Secure a Future for the World's Threatened Trees

- | | | |
|-----|--|---------------|
| 169 | LONG-TERM RESTORATION SUCCESS AFTER SELECTIVE LOGGING IN BORNEAN RAINFORESTS
<i>Speaker:</i> Nadine Keller, CH | 14:00 - 14:00 |
| 532 | CONIFER TREE SPECIES HABITATS IN SIBERIA UNDER CURRENT AND FUTURE CLIMATE
<i>Speaker:</i> Elena Parfenova, RU | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

MOU1 - Global mountain biodiversity

- | | | |
|-----|---|---------------|
| 584 | DIVERSITY, USES AND ECOSYSTEM SERVICES OF WEINMANNIA SPECIES ACROSS THE ANDES
<i>Speaker:</i> Francisco Fajardo-Gutiérrez, DE | 14:00 - 14:00 |
| 154 | MOUNTAIN AGROBIODIVERSITY: POTATO LANDRACES OF LIGURIAN APPENNINES
<i>Speaker:</i> Valeria Leoni, IT | 14:00 - 14:00 |
| 292 | FUNCTIONAL TRAITS OF CARABIDS (COLEOPTERA: CARABIDAE) ALONG AN ELEVATIONAL GRADIENT
<i>Speaker:</i> Julia Seeber, IT | 14:00 - 14:00 |
| 153 | EXPLORING ITALIAN ALPINE WILDFLOWER HONEY: CRITICALITIES, DIVERSITY, AND VALUE
<i>Speaker:</i> Valeria Leoni, IT | 14:00 - 14:00 |
| 519 | UPWARD RANGE SHIFT OF A DOMINANT ALPINE SHRUB RELATED TO SNOW COVER CHANGE
<i>Speaker:</i> Christian Rixen, CH | 14:00 - 14:00 |
| 272 | BIODIVERSITY OF MOUNTAIN BIOMES OF RUSSIA AND THEIR MAPPING
<i>Speaker:</i> Galina Ogureeva, RU | 14:00 - 14:00 |
| 448 | HISTORICAL SIGNATURES OF BIODIVERSITY ASSEMBLY IN THE EUROPEAN ALPS
<i>Speaker:</i> Ian R. McFadden, CH | 14:00 - 14:00 |

Poster Session

14:00 - 16:00

Hall

MON3 - From the species to the individual: investigating plant diversity on the scale that matters most

- | | | |
|-----|--|---------------|
| 24 | RESOLUTION IN SPECIES DISTRIBUTION MODELS SHAPES PATTERNS OF PLANT DIVERSITY
<i>Speaker:</i> Yohann Chauvier, CH | 14:00 - 14:00 |
| 334 | REMOTELY SENSED FOREST FUNCTIONAL TRAITS: DOES THE INDIVIDUAL TREE MATTER? | 14:00 - 14:00 |

- Speaker: Zhaoju Zheng, CH
- 354 **TRANSCRIPTOME DYNAMICS OF ENVIRONMENT REGULATED
FLOWERING IN A SEASONAL TROPICS** 14:00 - 14:00
- Speaker: Chongmeng Xu, CH

Poster Session

14:00 - 16:00

Hall

BEF1 - Scaling diversity-functioning relationships from plot-scale experiments to real-world landscapes: emergent mechanisms

- 433 **SPECIES RICHNESS INCREASES STABILITY IN A LARGE-
SCALE FOREST EXPERIMENT** 14:00 - 14:00
- Speaker: Florian Schnabel, DE
- 486 **GENETIC IDENTITY AFFECTS TREE GROWTH PLASTICITY IN
RESPONSE TO BIODIVERSITY LOSS** 14:00 - 14:00
- Speaker: Ting Tang, CN

Poster Session

14:00 - 16:00

Hall

MOD1 - Spatiotemporal Scales and Novel Methods in Modelling Biodiversity at a Landscape Level

- 184 **TOO MANY CANDIDATES: NEW COVARIATE SELECTION
METHOD FOR MODELLING BIODIVERSITY** 14:00 - 14:00
- Speaker: Antoine Adde, CH
- 243 **INTEGRATION OF ECOLOGICAL PROCESSES IN SPATIAL
CONSERVATION PRIORITIZATION** 14:00 - 14:00
- Speaker: André Pinto Da Silva, SE

Poster Session

14:00 - 16:00

Hall

CIT1 - Towards Blue Green Cities: nature-based solutions for enhancing urban ecology

- 42 **ECOSYSTEM SERVICES ASSESSMENT TO SUPPORT THE
NATURE-BASED SOLUTIONS** 14:00 - 14:00
- Speaker: Mei-Hua Yuan, TW

Poster Session

14:00 - 16:00

Hall

BEF3 - Climate change impacts on biodiversity and ecosystem functioning: Lessons learned from climate change manipulation experiments

- 578 **THE MULTIBEF PROJECT: MULTI-SCALE B-EF
RELATIONSHIPS UNDER MULTIPLE STRESSORS** 14:00 - 14:00
- Speaker: Thibaut Rota, CH

Poster Session

14:00 - 16:00

Hall

FIN2 - Ecosystem Services in Sustainable Finance

- 388 **CARBON, CLIMATE AND COFFEE: PUSHING THE NEEDLE ON** 14:00 - 14:00

ENVIRONMENTAL SERVICE PAYMENTS*Speaker:* Monika Firl, CA

422 **MANAGING SECONDARY TROPICAL FORESTS ENSURES BIODIVERSITY AND LIVELIHOODS** 14:00 - 14:00

Speaker: Jefferson Hall, US

534 **OPTIMIZATION MODELS FOR SUSTAINABLE CITY PLANNING IN ECOSYSTEM PERSPECTIVE** 14:00 - 14:00

Speaker: Francesco Sica, IT*Poster Session*

14:00 - 16:00

Hall

FIN1 - Transformative Change in Economic and Financial Systems

229 **'BIODIVERSITY IN GOOD COMPANY': FROM PIONEER TO ROLE MODEL** 14:00 - 14:00

Speaker: Adina Arth, DE

539 **DEVELOPING A GLOBAL BIODIVERSITY CREDIT STANDARD** 14:00 - 14:00

Speaker: Richard Field, GB*Poster Session*

14:00 - 16:00

Hall

COM2 - Communicating biodiversity to engage and inspire people to act

104 **LIVE-CENTRED DESIGN: SUPPORTING SCIENCE COMMUNICATION AND COMMUNITY ACTIVATION** 14:00 - 14:00

Speaker: Oliver Szasz, DE

137 **EFFECTIVE BIODIVERSITY COMMUNICATION TO BUILD BACK BETTER IN THE POST-COVID ERA** 14:00 - 14:00

Speaker: Felix Kwabena Donkor, GH

228 **CATALYZING POST-2020 BIODIVERSITY ACTION BY EFFECTIVE COMMUNICATION** 14:00 - 14:00

Speaker: Yun Cao, CN

253 **SYMBIO(S)CENE: ART AND SCIENCES COLLABORATION FOR AN ERA BEYOND THE ANTHROPOCENE** 14:00 - 14:00

Speaker: Tina Heger, DE

313 **BOOSTING WILD BEE DIVERSITY IN VILLAGES** 14:00 - 14:00

Speaker: Sonja Schröck, DE

581 **DESIGNING INTERSPECIES ENCOUNTERS AND EDUCATIONAL MEDIA FOR BIODIVERSITY** 14:00 - 14:00

Speaker: Felix Gerloff, CH

585 **HOW TO GET THE MEDIA'S -- AND THE PUBLIC'S -- ATTENTION** 14:00 - 14:00

Speaker: Susan Misicka, CH

387 **RAISING CONSUMER AWARENESS TO MAKE AGROFORESTRY COFFEE A REAL CLIMATE SOLUTION** 14:00 - 14:00

Speaker: Monika Firl, CA

Poster Session

14:00 - 16:00

Hall

CIT3 - Urban Biodiversity – European best practice examples for a better future

- | | | |
|-----|---|---------------|
| 20 | CAN GREEN ROOFS COMPENSATE FOR THE LOSS OF BIODIVERSITY IN CITIES?
<i>Speaker:</i> Jeffrey Jacobs, BE | 14:00 - 14:00 |
| 21 | CONSERVING WILDFLOWER BIODIVERSITY IN CITIES: ZURICH A CASE STUDY
<i>Speaker:</i> Kevin Vega, CH | 14:00 - 14:00 |
| 633 | CO-PRODUCTION IN CITY MAKING: GUIDING PRINCIPLE FOR SUSTAINABLE URBAN DEVELOPM.
<i>Speaker:</i> Martin Schwegmann, DE | 14:00 - 14:00 |

Parallel Session

16:00 - 18:00

Dischma

SYN - Biodiversity in Agroecosystems

Session Chair: Michael Wironen, US

- | | | |
|-----|---|---------------|
| 652 | NATURE-BASED SOLUTIONS AND THE TRANSITION TO REGENERATIVE FOODSCAPES
<i>Speaker:</i> Michael Wironen, US | 16:00 - 16:15 |
| 650 | TOWARDS HOLISTIC MONITORING OF AGROBIODIVERSITY
<i>Speaker:</i> Christoph Scherber, DE | 16:15 - 16:40 |
| 653 | ALL-EMA: MONITORING BIODIVERSITY IN THE SWISS AGRICULTURAL LANDSCAPE
<i>Speaker:</i> Chantal Herzog, CH | 16:40 - 17:00 |
| 651 | TRANSFORMING HOW WE MEASURE BIODIVERSITY IN AGRICULTURAL LANDSCAPES
<i>Speaker:</i> Vasileios Vasileiadis, CH
<i>Speaker:</i> M.A. O'Neill, GB | 17:00 - 17:20 |
| | Discussion SYN | 17:20 - 18:00 |

Parallel Session

16:00 - 18:00

Flüela

eDNA1 - Environmental eDNA and Spatial Ecology

Session Chair: Andrew Skidmore,

- | | | |
|-----|--|---------------|
| 295 | GLOBAL BIODIVERSITY MONITORING BY SAMPLING EDNA HOTSPOTS-A LAKE PERSPECTIVE
<i>Speaker:</i> Kristy Deiner, | 16:00 - 16:15 |
| 268 | MONITORING THE MICROBIOME WITH REMOTE SENSING
<i>Speaker:</i> Andrew Skidmore, | 16:15 - 16:30 |
| 16 | BIOCUBE: INTEGRATING REMOTE SENSING AND IN-SITU | 16:30 - 16:45 |

DIMENSIONS OF BIODIVERSITY*Speaker:* Ryan Pavlick, US

- | | | |
|-----|--|---------------|
| 375 | SURVEYING THE WORLD'S BIODIVERSITY WITH DNA, AUDIO AND IMAGE
<i>Speaker:</i> Otso Ovaskainen, FI | 16:45 - 17:00 |
| 569 | UNTANGLING CALIFORNIA'S SEASONALITY FROM RESILIENCE AND CONVERSION WITH CALEDNA
<i>Speaker:</i> Rachel Sarah Meyer, US | 17:00 - 17:15 |
| 580 | SPATIOTEMPORAL BIODIVERSITY PATTERNS AS INFERRED FROM ANCIENT ENVIRONMENTAL DNA
<i>Speaker:</i> Peter Heintzman, NO | 17:15 - 17:30 |

Parallel Session

16:00 - 18:00

Sertig

COM1 - Habitat loss and management Africa & Communicating biodiversity to engage and inspire people to act*Session Chair:* Marvious Kiwanuka,*Session Chair:* Jiacheng Zhao, DE

- | | | |
|-----|--|---------------|
| 513 | MAPPING BIODIVERSITY RISK AREAS FROM POTENTIAL COCOA EXPANSION IN CONGO BASIN
<i>Speaker:</i> Vignesh Kamath, GB | 16:00 - 16:15 |
| 535 | EFFECTS OF CHARCOAL PRODUCTION ON CARBON CYCLING IN MAJOR AFRICAN BIOMES
<i>Speaker:</i> Dabwiso Sakala, CH | 16:15 - 16:30 |
| 117 | LIVELIHOOD STRATEGIES AND POLICY PROCESS UNDER THE HUMAN-ELEPHANT CONFLICT.
<i>Speaker:</i> Feng Ba, CN | 16:30 - 16:45 |
| 310 | FOREST POLITICS FROM BELOW: PROTESTING FOR FOREST AND BIODIVERSITY CONSERVATION
<i>Speaker:</i> Ricardo Kaufer, DE | 16:45 - 17:00 |
| 224 | FOSTERING FOREST NATURE CONSERVATION IN CHINA BY STATE-ENGO PARTNERSHIP
<i>Speaker:</i> Jiacheng Zhao, DE | 17:00 - 17:15 |
| 233 | THE ROLE OF POLITICAL PARTIES IN FOREST NATURE CONSERVATION IN GERMANY
<i>Speaker:</i> Christiane Hubo, DE | 17:15 - 17:30 |
| 296 | EFFECTIVE MANAGEMENT OF MANGROVES: REFLECTIONS FOR BIODIVERSITY CONSERVATION.
<i>Speaker:</i> Henry Bikwibili Tantoh, CM | 17:30 - 17:45 |

Parallel Session

16:00 - 18:00

Schwarzhorn

MOU1-b - Global mountain biodiversity*Session Chair:* Davnah Urbach,

99	UNVEILING THE UNSEEN MICROBIAL DIVERSITY IN THE WORLD'S GLACIER-FED STREAMS <i>Speaker:</i> Tom Battin, CH	16:00 - 16:15
132	TINTENSTRICH COMMUNITIES IN SWITZERLAND <i>Speaker:</i> Francesca Pittino, CH	16:15 - 16:30
328	HOW STABLE ARE MICROBIAL COMMUNITIES: THE CASE OF NIVICOLOUS MYXOMYCETES <i>Speaker:</i> Oleg Shchepin, DE	16:30 - 16:45
157	HOW HUMAN DISTURBANCE AFFECTS MYCORRHIZAL ASSOCIATIONS IN MOUNTAIN SYSTEMS <i>Speaker:</i> Jan Clavel, BE	16:45 - 17:00
288	ALPINE SOIL MACRO-INVERTEBRATE COMMUNITIES ALONG HIGH ELEVATION GRADIENTS <i>Speaker:</i> Michael Steinwandter, IT	17:00 - 17:15
25	CONSERVATION IN THE ALPS: THE MEDITERRANEAN AND ALPINE PLANT DIVERSITY AT RISK <i>Speaker:</i> Yohann Chauvier, CH	17:15 - 17:30
396	SPATIO-TEMPORAL REPORTING ON MOUNTAIN BIODIVERSITY CONSERVATION WITH SDG 15.4.1	17:30 - 17:45
	Discussion MOU1b	17:45 - 18:00

Parallel Session
16:00 - 18:00

Seehorn

MOD1-b - Spatiotemporal Scales and Novel Methods in Modelling Biodiversity at a Landscape Level

Session Chair: Heng Zhang,

459	TREE CANOPIES AND BIODIVERSITY: FROM STANDS TO TREE-TREE INTERACTIONS <i>Speaker:</i> Maria D. Perles-Garcia, DE	16:00 - 16:30
460	EARTH OBSERVATION FOR BIODIVERSITY MODELLING IN TERRESTRIAL ECOSYSTEMS <i>Speaker:</i> Margarita Huesca Martinez, NL	16:30 - 16:45
135	LANDSCAPE BIODIVERSITY ANALYSES USING EDNA AND EARTH OBSERVATION IN CALIFORNIA <i>Speaker:</i> Meixi Lin, US	16:45 - 17:00
462	SPATIOTEMPORAL RHIZOBIOME CHANGES INFERRED FROM ANCIENT DNA SHOTGUN SEQUENCING <i>Speaker:</i> Barbara von Hippel, DE	17:00 - 17:15
225	DETECTING HORIZONTAL/ SPATIAL STRUCTURAL DIVERSITY ACROSS SCALES <i>Speaker:</i> Leila Schuh, CH	17:15 - 17:30
418	A SPATIAL FINGERPRINT OF LAND-WATER LINKAGE OF BIODIVERSITY BY RS AND E-DNA	17:30 - 17:45

Speaker: Heng Zhang,

Parallel Session

16:00 - 18:00

Wisshorn

MON3-b - From the species to the individual: investigating plant diversity on the scale that matters most

Session Chair: Meredith C Schuman, CH

Convener: Paolo Villa,

	Intro Slot MON3b	16:00 - 16:15
395	GENETIC DIVERSITY LOSS IN THE ANTHROPOCENE <i>Speaker:</i> Moises Exposito-Alonso, US	16:15 - 16:30
116	THE EVOLUTIONARY LEGACIES ON TRAIT DISTRIBUTIONS AND ECOSYSTEMS FUNCTIONING <i>Speaker:</i> Jesús Pinto-Ledezma, US	16:30 - 16:45
2	ECO-EVOLUTIONARY CONTRIBUTIONS TO BIODIVERSITY CHANGES <i>Speaker:</i> Lynn Govaert,	16:45 - 17:00
8	GENOMICS OF WITHIN-SPECIES MIXED PLANTING AGAINST INSECT HERBIVORES <i>Speaker:</i> Yasuhiro Sato, CH	17:00 - 17:15
	Discussion MON3b	17:15 - 17:30

Parallel Session

16:00 - 18:00

Forum

CUL2 - Indigenous knowledge networks for biocultural conservation (by invitation only) & Convivial Constitutionality: historical-institutional perspectives on human-predator interrelations and conservation policies.

Session Chair: Rodrigo Cámara-Leret,

Session Chair: Tobias Haller,

383	INDIGENOUS KNOWLEDGE NETWORKS AND LANGUAGE EXTINCTION <i>Speaker:</i> Jordi Bascompte, CH	16:00 - 16:15
161	HOW TO ACHIEVE PERSISTENT CROP-LIVESTOCK INTEGRATION IN SOUTH SUDANIAN FARMS? <i>Speaker:</i> cédric gaucherel, FR	16:15 - 16:30
377	CULTURAL KEYSTONE SPECIES FOR BIOCULTURAL CONSERVATION ACTION <i>Speaker:</i> Victoria Reyes-García, ES	16:30 - 16:45
305	PROTECTING THE SOCIO-ECOLOGICAL LOOP <i>Speaker:</i> Pablo Marquet, CL	16:45 - 17:00
	Introduction convivial constitutionality <i>Speaker:</i> Tobias Haller,	17:00 - 17:15
551	HUMAN-PREDATOR INTERRELATIONS AND CONSERVATION	17:15 - 17:30

POLICIES IN ECUADOR AND ROMANIA*Speaker:* Lisa Alvarado, CH

479 **WHY LEGACY IS KEY TO MAINTAINING AND REBUILDING
RESILIENT CO-WORLD INSTITUTIONS.** 17:30 - 17:45

Speaker: Samuel Weissman, CH

476 **LIVING IN HARMONY WITH NATURE: THE KACHCHH CASE
STUDY** 17:45 - 18:00

Speaker: Khayali Vaidya, IN*Workshop/Training Session*

16:00 - 18:00

Studio

WS_WedB6 - Co-designing a European Biodiversity Observation Network: Monitoring for Policy and Action*Organizer:* Hannah Moersberger, DE*Social Events*

19:00 - 23:00

Davos

Socials - WBF2022 Conference Dinner

Thursday, 30. June 2022*Plenary Session*

08:00 - 10:00

Davos

PlenThu1 - Plenary Session Thursday morning

- | | | |
|-----|--|---------------|
| 643 | BUILDING ECOLOGICALLY SMART CITIES: URBAN BIODIVERSITY IN THE ANTHROPOCENE
<i>Speaker:</i> Harini Nagendra, IN | 08:00 - 08:45 |
| 640 | SHEPHERDING SUB-SAHARAN AFRICA'S BIODIVERSITY TOWARDS A GREEN ANTHROPOCENE
<i>Speaker:</i> Alice Ruhweza, KE | 08:45 - 09:30 |

Workshop/Training Session

10:30 - 14:00

Davos

WS_ThuC2 - Democratizing Spatial Conservation Planning with Marxan*Organizer:* Jennifer McGowan, US*Parallel Session*

10:30 - 12:30

Dischma

SOI2-a - Soil biodiversity and function scenarios*Session Chair:* Nico Eisenhauer,

- | | | |
|-----|--|---------------|
| 503 | SOIL BIODIVERSITY CHANGE CONTRIBUTES TO POLICY OPTIONS
<i>Speaker:</i> Diana H. Wall, US | 10:30 - 11:00 |
| 145 | WHY NATURE CONSERVATION OF SOIL BIODIVERSITY IS NOT A SIDE EFFECT
<i>Speaker:</i> Romy Zeiss, DE | 11:00 - 11:15 |
| 75 | DEVELOPING A GLOBAL SOIL BIODIVERSITY INTACTNESS INDICATOR
<i>Speaker:</i> Victoria J Burton, GB | 11:15 - 11:30 |
| 125 | GLOBAL DISTRIBUTION OF SPRINGTAIL DENSITY, DIVERSITY, AND METABOLISM
<i>Speaker:</i> Anton Potapov, DE | 11:30 - 11:45 |
| 120 | SOIL MICROBIOME PREDATORS: THEIR GLOBAL BIOGEOGRAPHY & FUNCTIONAL IMPORTANCE
<i>Speaker:</i> Stefan Geisen, NL | 11:45 - 12:00 |
| 223 | SYNTHESIS OF GLOBAL DISTRIBUTION OF TESTATE AMOEBAE DIVERSITY
<i>Speaker:</i> Valentyna Krashevskaya, DE | 12:00 - 12:15 |
| 163 | STRUCTURE AND FUNCTION OF THE SOIL MICROBIOME ON A GLOBAL SCALE
<i>Speaker:</i> Mohammad Bahram, SE | 12:15 - 12:30 |

Parallel Session

10:30 - 12:30

Flüela

MON1-a - Scaling up terrestrial biodiversity monitoring - needs, challenges and opportunities

Session Chair: Kristy Deiner,

93	AN OVERVIEW OF BIODIVERSITY MONITORING TOOLS: CHALLENGES AND OPPORTUNITIES <i>Speaker:</i> PJ Stephenson, CH	10:30 - 10:45
166	BIODIVERSITY MONITORING IN THE 21ST CENTURY: LESSONS LEARNED <i>Speaker:</i> Klaus Steinbauer, AT	10:45 - 11:00
601	DEEP LEARNING AND COMPUTER VISION WILL TRANSFORM ENTOMOLOGY <i>Speaker:</i> Toke T. Høye, DK	11:00 - 11:15
195	DERIVING PLANT GENETIC DIVERSITY FROM IMAGING SPECTROSCOPY SYSTEMS <i>Speaker:</i> Ewa A. Czyż, CH	11:15 - 11:30
119	MAPPING AN INVASIVE SHRUB WITHIN GRASSLANDS USING SUPER-RESOLUTION IMAGERY <i>Speaker:</i> Kasselman Jurie Theron, ZA	11:30 - 11:45
90	MONITORING THE EFFECTIVENESS OF HABITAT CONSERVATION IN SWITZERLAND <i>Speaker:</i> Steffen Boch, CH	11:45 - 12:00
59	MODELLING BIODIVERSITY FROM FOREST STRUCTURE ACROSS ECOCLIMATIC GRADIENTS <i>Speaker:</i> Christopher Hakkenberg, US	12:00 - 12:15
95	GROUND-NESTING POLLINATORS NEED PROTECTION AS PART OF SOIL BIODIVERSITY <i>Speaker:</i> Stefanie Christmann, MA	12:15 - 12:30

Parallel Session

10:30 - 12:30

Sertig

MOD2 - A model for life: toward a universal biodiversity projection platform

Session Chair: Mark Urban,

324	A MODEL FOR LIFE: THE NEED FOR A UNIVERSAL BIODIVERSITY PROJECTION PLATFORM <i>Speaker:</i> Mark Urban,	10:30 - 10:45
351	CAN INCLUDING BIOLOGICAL MECHANISMS IMPROVE BIODIVERSITY FORECASTS? <i>Speaker:</i> Lauren Buckley, US	10:45 - 11:00
590	WHY MOVING BEYOND STATIC MODELS REQUIRES EMBRACING THEIR SUCCESSES <i>Speaker:</i> Damaris Zurell, DE	11:00 - 11:15
547	BIODIVERSITY PATTERNS AND DYNAMICS FROM LOW-LEVEL ECO-EVOLUTIONARY MODELS	11:15 - 11:30

	<i>Speaker:</i> Juliano Sarmiento Cabral, DE	
390	THE CHALLENGE OF TRANSCENDING SCALES: AN EXAMPLE WITH MOVEMENT PARAMETERIZING <i>Speaker:</i> Cécile H. ALBERT, FR	11:30 - 11:45
491	INTEGRATED MODELLING OF BIODIVERSITY IN THE LAND SYSTEM <i>Speaker:</i> Calum Brown, DE	11:45 - 12:00
538	TOWARDS THE NEXT GENERATION OF GENERAL ECOSYSTEM MODELLING <i>Speaker:</i> Michael Harfoot, GB	12:00 - 12:15
616	DEMOGRAPHIC-DISPERSAL FORECASTING FOR TERRESTRIAL AND MARINE POPULATIONS UNDER ENVIRONMENTAL CHANGE: THE RANGESHIFTER AND MERMADE PLATFORMS <i>Speaker:</i> Greta Bocedi, GB	12:15 - 12:30

Parallel Session

10:30 - 12:30

Schwarzhorn

WS_ThuB2 - Harnessing conservation tools/technologies to enhance planetary health*Convener:* Britta Garfield, US*Parallel Session*

10:30 - 12:30

Seehorn

MOD5-a - Models and scenarios for biodiversity & ES at regional to global scales*Session Chair:* David Leclere, AT*Co-Chair:* Aafke Schipper, NL

34	GLOBAL SPECIES LOSS UNDER FUTURE EU CLIMATE AND FOREST MANAGEMENT SCENARIOS <i>Speaker:</i> Francesca Rosa, CH	10:30 - 10:45
610	ASSESSING EU POLICIES FOR BIODIVERSITY AND CLIMATE <i>Speaker:</i> Piero Visconti, AT	10:45 - 11:00
565	SCENARIOS AND MODELS TO ADDRESS FOOD-CLIMATE-BIODIVERSITY NEXUS FOR THE OCEAN <i>Speaker:</i> William Cheung, CA	11:00 - 11:15
572	OCEAN SYSTEM PATHWAYS (OSP) FOR DRIVING MARINE ECOSYSTEMS & FISHERIES MODELS <i>Speaker:</i> Olivier Maury, FR	11:15 - 11:30
413	PATHWAYS FOR HALTING AQUATIC BIODIVERSITY LOSS EXPLORED BY A GLOBAL MODEL <i>Speaker:</i> Jan Janse, NL	11:30 - 11:45
373	BIOLOGICAL INVASION SCENARIOS – THE NEGLECTED DRIVER IN BIODIVERSITY SCENARIOS <i>Speaker:</i> Bernd Lenzner, AT	11:45 - 12:00
369	EFFECTS OF GLOBAL CHANGE ON ECOSYSTEM SERVICES	12:00 - 12:15

PROVIDED BY VERTEBRATES IN EUROPE*Speaker:* Ana Carolina Antunes, DE*Parallel Session*

10:30 - 12:30

Wisshorn

DAT2 - Be FAIR and CARE; synergies, tradeoffs, and perspectives in biodiversity data for science, policy, and action*Session Chair:* Tim Hirsch, DK*Convener:* Rainer Michael Krug,

408	INTERNATIONAL POLICY FRAMEWORK FOR OPEN SCIENCE <i>Speaker:</i> Ana Persic, FR	10:30 - 10:45
457	IMPLEMENTING BE FAIR AND CARE FOR BIODIVERSITY DATA: POLICIES AND PRACTICES <i>Speaker:</i> Stephanie Russo Carroll, US	10:45 - 11:00
374	INDIGENOUS AND LOCAL KNOWLEDGE IN GLOBAL-SCALE IPBES BIODIVERSITY ASSESSMENTS <i>Speaker:</i> Peter Bates, FR	11:00 - 11:15
321	ADD CARE TO FAIR - THE STORY BEHIND THE NEW IPBES DATA MANAGEMENT POLICY <i>Speaker:</i> Rainer Michael Krug,	11:15 - 11:30
428	RECONCILING CARE AND FAIR IN AN OPEN DATA INFRASTRUCTURE AND COMMUNITY <i>Speaker:</i> Mélianie Raymond, DK	11:30 - 11:45
505	OPEN SCIENCE PRINCIPLES FOR ACHIEVING POSITIVE BIODIVERSITY OUTCOMES WORLDWIDE <i>Speaker:</i> Maria Cecilia Londono Murcia, CO	11:45 - 12:00
211	BEYOND THE PRINT AND PDF PRISONS: DATA ABOUT BIODIVERSITY WANT TO BE FREE <i>Speaker:</i> Donat Agosti, CH	12:00 - 12:15
	Discussion DAT2	12:15 - 12:30

Parallel Session

10:30 - 12:30

Forum

FRW2-a - Research and implementation to restore and protect Blue-Green biodiversity*Session Chair:* Agnieszka Sendek, CH*Session Chair:* Martin Gossner, CH

492	I'M IN FAVOUR OF BIODIVERSITY, BUT <i>Speaker:</i> Thomas Wirth, CH	10:30 - 11:00
508	TOWARDS PREDICTING HUMAN IMPACTS ACROSS REALMS USING FUNDAMENTAL PROCESSES <i>Speaker:</i> Agnieszka Sendek, CH	11:00 - 11:30
47	PERSISTENT CONSERVATION ACTION LEADS TO LANDSCAPE-SCALE RECOVERY OF AMPHIBIANS	11:30 - 11:45

	<i>Speaker:</i> Helen Moor, CH	
548	SOIL NUTRIENT CONTENT DRIVES MANGROVE FOREST ABOVEGROUND BIOMASS ON ALDABRA ATOL <i>Speaker:</i> Annabelle Constance, CH	11:45 - 12:00
487	RIPARIAN VEGETATION AFFECTS MACROINVERTEBRATE COMMUNITIES AND LEAF BREAKDOWN <i>Speaker:</i> Rebecca Oester, CH	12:00 - 12:15
583	QUANTIFYING THE ECOLOGICAL PERFORMANCE OF BLUE-GREEN INFRASTRUCTURE <i>Speaker:</i> Andreas Dietzel, CH	12:15 - 12:30

Workshop/Training Session

10:30 - 14:00

Studio

WS_ThuB4 - Cultural importance of freshwater biodiversity*Organizer:* Sonja Jähnig, DE*Workshop/Training Session*

12:30 - 13:45

Seehorn

WS_ThuD4 - Biodiversity post-2020: Closing the gap between global targets and national-level implementation.

Scientific advances to support implementation of the post2020 global biodiversity framework 12:30 - 12:55

Speaker: Andrea Perino, DE

Mind the gap: effective biodiversity policy by 2030 12:55 - 13:20

Speaker: Henrique Pereira, DE

Managing post-normality for contentious science policy 13:20 - 13:45

Speaker: Taylor Dotson, US*Parallel Session*

12:30 - 13:45

Wisshorn

WS_ThuD7 - Be FAIR and CARE; synergies, trade offs, and perspectives in biodiversity data for science, policy, and action - The Discussion*Organizer:* Rainer Michael Krug,*Parallel Session*

12:30 - 14:00

Forum

WS_ThuD5 - The Value of Community in Forest Restoration*Convener:* Tali Orad, US*Workshop/Training Session*

13:00 - 13:30

Foyer

Demo_Thu - Biodiversity Sensor Project live demo*Plenary Session*

14:00 - 15:30

Davos

PlenThu2 - Plenary Session Thursday afternoon

641 **LIVING FOR THE CITY: EXPLORING SOCIAL-ECOLOGICAL DRIVERS OF URBAN BIODIVERSITY** 14:00 - 14:45
Speaker: Christopher J. Schell, US

648 **BIODIVERSITY AND HEALTH: THE ECOLOGY OF INFECTION AT THE ANTHROPOGENIC INTERFACE** 14:45 - 15:30
Speaker: Thomas R. Gillespie, US

Parallel Session
 16:00 - 18:00

Dischma

SOI2-b - Soil biodiversity and function scenarios

Session Chair: Nico Eisenhauer,

142 **THE ROLE OF SOIL MICROBIAL DIVERSITY IN ECOSYSTEM MULTIFUNCTIONALITY.** 16:00 - 16:15
Speaker: Guillaume Patoine, DE

318 **SOILTEMP: A GLOBAL DATABASE OF MICROCLIMATE MEASUREMENTS** 16:15 - 16:30
Speaker: Jonas Lembrechts, BE

274 **RUSSIA: AN IDEAL PLACE FOR STUDYING THE ECOLOGICAL PREFERENCES OF ENCHYTRAEIDS** 16:30 - 16:45
Speaker: Maxim Degtyarev, RU

350 **PUSHING FORWARD OUR UNDERSTANDING OF SOIL BIODIVERSITY DISTRIBUTION** 16:45 - 17:00
Speaker: Irene Calderon Sanou, FR

164 **HOW URBANIZATION AND LAND-USE CHANGE DRIVES SOIL FAUNA COMMUNITY** 17:00 - 17:15
Speaker: Xin Sun, CN

536 **IMPACT OF LAND-USE INTENSITY ON ABOVE- AND BELOWGROUND DIVERSITY AND FUNCTIONING** 17:15 - 17:30
Speaker: S. Franz Bender,

156 **THRESHOLDS AND TIPPING POINTS IN ECOSYSTEM RESPONSES TO GLOBAL WARMING** 17:30 - 17:45
Speaker: Paul Kardol, SE

478 **DRIVERS OF SOIL MULTIFUNCTIONALITY IN TERRESTRIAL ECOSYSTEMS** 17:45 - 18:00
Speaker: Marie Sünemann, DE

Parallel Session
 16:00 - 18:00

Flüela

MON1-b - Scaling up terrestrial biodiversity monitoring - needs, challenges and opportunities

Session Chair: Kristy Deiner,

381 **DNA BARCODING, BIODIVERSITY CHARACTERISATION, AND BIOMONITORING** 16:00 - 16:15
Speaker: Peter Hollingsworth, GB

618 **AIRBORNE ENVIRONMENTAL DNA - AN EMERGING** 16:15 - 16:30

TECHNOLOGY FOR BIODIVERSITY MONITORING*Speaker:* Fabian Roger, CH

- | | | |
|-----|--|---------------|
| 574 | A MULTI-STRATEGY APPROACH TO SCALE UP BIODIVERSITY MONITORING WITH DNA
<i>Speaker:</i> Mailyn A. Gonzalez, CO | 16:30 - 16:45 |
| 526 | USING DRONES AND SPECIES-SPECIFIC ASSAYS FOR FAST EDNA SURVEYS
<i>Speaker:</i> Benjamin Flück, CH | 16:45 - 17:00 |
| 472 | PLANT-INSPIRED ROBOTICS FOR UNDERSTANDING AND PRESERVING NATURAL BIODIVERSITY
<i>Speaker:</i> Barbara Mazzolai, IT | 17:00 - 17:15 |
| 482 | BIODIVERSA+: IMPROVING TRANSNATIONAL BIODIVERSITY MONITORING ACROSS EUROPE
<i>Speaker:</i> Petteri Vihervaara, FI | 17:15 - 17:30 |
| | Discussion MON1b | 17:30 - 18:00 |

Parallel Session

16:00 - 18:00

Sertig

EVO1 - Gene to ecosystem ecology for a changing world*Session Chair:* Matthew Barbour,

- | | | |
|-----|--|---------------|
| 435 | GENE TO ECOSYSTEM ECOLOGY FOR A CHANGING WORLD
<i>Speaker:</i> Matthew Barbour, | 16:00 - 16:15 |
| 431 | LINKING GENES TO FOOD-WEB PERSISTENCE
<i>Speaker:</i> Jordi Bascompte, CH | 16:15 - 16:30 |
| 436 | EFFECTS OF WARMING AND RESOURCE LIMITATION PHYTOPLANKTON METABOLISM AND GROWTH
<i>Speaker:</i> Anita Narwani, CH | 16:30 - 16:45 |
| 553 | EXPERIMENTAL COEVOLUTION IN COMMUNITIES OF FRESHWATER INVERTEBRATES
<i>Speaker:</i> Jelena Pantel, FR | 16:45 - 17:00 |
| 504 | THE EVOLUTIONARY ECOLOGY OF SPECIES COEXISTENCE
<i>Speaker:</i> Rachel Germain, CA | 17:00 - 17:15 |
| | Discussion EVO1 | 17:15 - 18:00 |

Parallel Session

16:00 - 18:00

Schwarzhorn

SES1 - Biodiversity changes in social-ecological systems – use of data and knowledge to support societal transformation towards sustainability*Session Chair:* Kirsten Thonicke,

- | | | |
|-----|---|---------------|
| 447 | BRAZILIAN CERRADO: A BIODIVERSITY HOTSPOT AT THE CROSSROAD OF THE GLOBAL CRISES
<i>Speaker:</i> Mercedes Bustamante, BR | 16:00 - 16:30 |
|-----|---|---------------|

63	CONCURRENT GLOBAL CHANGES IMPACT BIODIVERSITY AND FUNCTION OF EARTH'S GRASSLANDS <i>Speaker:</i> Elizabeth Borer, US	16:30 - 17:00
209	PARTICIPATORY DEVELOPMENT OF ARCHETYPES FOR MANAGING ECOLOGICAL INFRASTRUCTURE <i>Speaker:</i> Adrienne Grêt-Regamey, CH	17:00 - 17:15
506	SPATIAL ASSOCIATION BETWEEN TERRESTRIAL CARBON STORAGE AND BIODIVERSITY <i>Speaker:</i> Baoxiao Liu, NL	17:15 - 17:30
27	BIODIVERSITY OFFSETS – A GOVERNANCE TOOL TO ACHIEVE NO NET LOSS AND NET GAIN <i>Speaker:</i> Wolfgang Wende, DE	17:30 - 17:45
575	PREDICTING SPECIES DISTRIBUTION AS BASIS FOR BIODIVERSITY CONSERVATION PLANNING <i>Speaker:</i> Antoine Guisan, CH	17:45 - 18:00

Parallel Session

16:00 - 18:00

Seehorn

MOD5-b - Models and scenarios for biodiversity & ES at regional to global scales*Session Chair:* Aafke Schipper, NL*Co-Chair:* David Leclere, AT

463	THE IMPACT OF AGRICULTURAL INTENSIFICATION ACROSS BIODIVERSITY METRICS <i>Speaker:</i> Silvia Ceausu, GB	16:00 - 16:15
79	EXPLORING THE ROLE OF AGRICULTURAL TRADE IN THE FUTURE OF NATURE AND PEOPLE <i>Speaker:</i> David Leclere, AT	16:15 - 16:30
400	THE INTERNATIONAL TRADE IN FOOD: ENVIRONMENTAL VERSUS SOCIOECONOMIC FOOTPRINTS <i>Speaker:</i> Elizabeth Boakes, GB	16:30 - 16:45
542	BIODIVERSITY LOSS EMBEDDED IN CONSUMPTION: A GLOBAL FOOTPRINT ANALYSIS <i>Speaker:</i> Alexandra Marques, NL	16:45 - 17:00
465	TOWARDS AMBITIOUS 2050 GOALS: ASSISTING GLOBAL DECISIONS TO A SUSTAINABLE FUTURE <i>Speaker:</i> Gabriela Teixeira Duarte, BR	17:00 - 17:15
477	EQUITY AND JUSTICE IN GLOBAL BIODIVERSITY SCENARIOS AND MODELLING <i>Speaker:</i> Marco Immovilli, NL	17:15 - 17:30
541	ON THE FAIRNESS OF SCENARIOS OF BENDING THE CURVE OF BIODIVERSITY LOSS <i>Speaker:</i> Michael Harfoot, GB	17:30 - 17:45
586	WHAT IS THE POINT OF BIODIVERSITY AND ECOSYSTEM	17:45 - 18:00

SERVICE SCENARIOS?*Speaker:* David Williams, GB*Parallel Session*

16:00 - 18:00

Wisshorn

CIT3 - Urban Biodiversity – European best practice examples for a better future*Session Chair:* Nike Sommerwerk,

- | | | |
|-----|--|---------------|
| 626 | URBAN BIODIVERSITY – EUROPEAN BEST PRACTICE EXAMPLES FOR A BETTER FUTURE
<i>Speaker:</i> Nike Sommerwerk, | 16:00 - 16:15 |
| 627 | BIODIVERSITY POLICY IN THE CITY - EXAMPLES FROM BRUSSELS-CAPITAL REGION
<i>Speaker:</i> Alain Maron, BE | 16:15 - 16:45 |
| 628 | URBAN BIODIVERSITY COUPLING STRATEGIES, PRIVATE DEVELOPMENT ACTIONS IN HUNGARY
<i>Speaker:</i> Éva Beleznay, HU | 16:45 - 17:00 |
| 249 | MUNICIPAL BIODIVERSITY STRATEGIES – SOLUTIONS FOR HARMONIZED URBAN NATURE
<i>Speaker:</i> Juliane Mathey, DE | 17:00 - 17:15 |
| 629 | A FRAMEWORK FOR PARTICIPATION FOR COLLABORATIVE INFRASTRUCTURES FOR URBAN DESIGN

<i>Speaker:</i> Nikolett Puskás, GB | 17:15 - 17:30 |
| 630 | CITIZEN SCIENCE 2.0: QUALITY DATA AND COLLECTIVE INTELLIGENCE
<i>Speaker:</i> Nathalie MORATA CHARLIAC, FR | 17:30 - 17:45 |
| 631 | DEVELOPMENT OF FEASIBLE ACTION PLANS FOR EUROPE'S URBAN BIODIVERSITY LANDSCAPE
<i>Speaker:</i> Lennart Siebert, DE | 17:45 - 18:00 |

Parallel Session

16:00 - 18:00

Forum

FRW2-b - Research and implementation to restore and protect Blue-Green biodiversity*Session Chair:* Ian R. McFadden, CH*Session Chair:* Morgane Brosse,

- | | | |
|-----|---|---------------|
| 207 | GLOBAL REMOTELY SENSED PHENOLOGY OF BLUE-GREEN ECOSYSTEMS
<i>Speaker:</i> Jelle Lever, CH | 16:00 - 16:15 |
| 124 | BLUE AND GREEN FOOD WEBS RESPOND DIFFERENTLY TO ELEVATION AND LAND USE
<i>Speaker:</i> Hsi-Cheng Ho, CH | 16:15 - 16:30 |
| 133 | UNPACKING THE LAND-SEA BIODIVERSITY PARADOX USING A 307,328 SPECIES DATASET
<i>Speaker:</i> Ian R. McFadden, CH | 16:30 - 16:45 |

221	STABILITY-DIVERSITY RELATIONSHIPS AND PATTERNS OF SYNCHRONY DIFFER ACROSS REALMS <i>Speaker:</i> Shyamolina Ghosh, CH	16:45 - 17:00
339	WARMING-RELATED COMMUNITY TURNOVER IN FRESHWATER AND TERRESTRIAL ECOSYSTEMS <i>Speaker:</i> Imran Khaliq, CH	17:00 - 17:15
368	HUMAN PRESSURES DRIVE MULTIFACETED HOMOGENIZATION OF BLUE-GREEN BIODIVERSITY <i>Speaker:</i> Mark Wong, CH	17:15 - 17:30

Workshop/Training Session

16:00 - 18:00

Studio

WS_ThuB10 - The Science-based Pathways for Sustainability: A theory of change to support the development of pathways on the ground*Organizer:* Gilles Marciniak, GB*Social Events*

17:45 - 19:15

Hall

Socials - Apéro

Friday, 01. July 2022*Plenary Session*

08:00 - 09:30

Davos

PlenFri1 - Plenary Session Friday morning

- | | | |
|-----|---|---------------|
| 645 | TRANSFORMATIVE CHANGE FOR BIODIVERSITY: A RESEARCH AGENDA ON NARRATIVES
<i>Speaker:</i> Heidi Wittmer, DE
<i>Speaker:</i> Sina Leipold, DE | 08:00 - 08:45 |
| 642 | THE NATURE FUTURES FRAMEWORK: A NEW GLOBAL FRAMEWORK FOR BIODIVERSITY SCENARIOS
<i>Speaker:</i> Carolyn Lundquist, NZ | 08:45 - 09:30 |

Parallel Session

10:00 - 12:00

Dischma

GOV1 - The influence of environmental, social and governance (ESG) reporting on investors' decisions - is this an alternative, effective way to achieve biodiversity conservation goals? & Building back better in the post-COVID era: Locking in insights for sustainable ocean governance

Session Chair: Lynne Shannon,*Session Chair:* Felix Kwabena Donkor, GH

- | | | |
|-----|---|---------------|
| 401 | THE CATALYTIC ROLE OF ESG INVESTMENT IN ECOSYSTEM-BASED FISHERIES MANAGEMENT
<i>Speaker:</i> Lauren Waller, ZA | 10:00 - 10:15 |
| 73 | OCEAN ACCOUNTS TO INTEGRATE ENVIRONMENTAL, SOCIAL AND ECONOMIC OCEAN INDICATORS
<i>Speaker:</i> Ken Findlay, ZA | 10:15 - 10:30 |
| 550 | ESG INVESTING – PERSPECTIVES FROM AN INVESTMENT COMPANY
<i>Speaker:</i> Anthony Sedgwick, ZA | 10:30 - 10:45 |
| 474 | TOWARDS NATURE-POSITIVE AGRICULTURE. A META-META ANALYSIS.
<i>Speaker:</i> Christina Raw, GB | 10:45 - 11:00 |
| | GOV1 Discussion | 11:00 - 11:15 |
| 467 | COVID-19: THE NEXUS OF NATURAL RESOURCE DEGRADATION AND SUSTAINABILITY
<i>Speaker:</i> Henry Bikwibili Tantoh, CM | 11:15 - 11:30 |
| 562 | URBAN FOREST ECOSYSTEM SERVICES AND STEWARDSHIP IN MEDELLÍN, COLOMBIA
<i>Speaker:</i> Maria Arroyave-Maya, CO | 11:30 - 11:45 |

Parallel Session

10:00 - 12:00

Flüela

BEF3 - Climate change impacts on biodiversity and ecosystem functioning: Lessons learned from climate change manipulation experiments

Session Chair: Nadia Soudzilovskaia, BE

146	LARGE-SCALE EXPERIMENTAL INFRASTRUCTURES FOR BIODIVERSITY RESEARCH: ANAEE <i>Speaker:</i> Ivan Nijs, BE	10:00 - 10:15
87	SUSTAINABLE LAND USE MITIGATES THE BELOWGROUND CONSEQUENCES OF CLIMATE CHANGE <i>Speaker:</i> Nico Eisenhauer,	10:15 - 10:30
171	HEATHLAND ECOSYSTEM FUNCTIONING UNDER A GRADIENT OF CLIMATE CHANGE SCENARIOS <i>Speaker:</i> François Rineau, BE	10:30 - 10:45
235	SOIL FAUNA DRIVES VERTICAL REDISTRIBUTION OF SOIL ORGANIC CARBON UNDER DROUGHT <i>Speaker:</i> Claudia Guidi, CH	10:45 - 11:00
259	GRASSLAND RESILIENCE TO DROUGHT MODULATED BY BIODIVERSITY AND INVASIVE SPECIES <i>Speaker:</i> Hans J De Boeck, BE	11:00 - 11:15
293	DROUGHT ACCELERATES LOCAL EXTINCTION AND ERODES MOUNTAIN PLANT COM. STABILITY <i>Speaker:</i> Max Schuchardt, DE	11:15 - 11:30
267	CLIMATE AND NITROGEN EXPERIMENTS ON SENSITIVITY OF GLOBAL SHRUBLANDS <i>Speaker:</i> Daijun Liu, AT	11:30 - 11:45

Parallel Session

10:00 - 12:00

Sertig

EVO2 - Harnessing rapid evolution to conserve global biodiversity

Session Chair: Lynn Govaert,

186	AN ECO-EVO TOOLBOX FOR CONSERVATION IN THE 21ST CENTURY <i>Speaker:</i> Mark Urban,	10:00 - 10:15
588	THE NEED FOR A HOLISTIC PERSPECTIVE OF ADAPTATION TO HUMAN INDUCED CHANGE <i>Speaker:</i> Katja Räsänen, FI	10:15 - 10:30
456	COMPETITIVE HISTORY SHAPES EVOLUTIONARY TRAJECTORY IN A CHANGING CLIMATE <i>Speaker:</i> Tess Grainger, CA	10:30 - 10:45
417	CHANGES IN SPECIES' COMPETITIVE ABILITIES IN NATURAL COMMUNITIES UNDER SELECTION <i>Speaker:</i> Irene Gallego, CH	10:45 - 11:00
282	HOTSPOTS OF ECO-EVOLUTIONARY INTERACTIONS IN THE	11:00 - 11:15

LANDSCAPE*Speaker:* Luc De Meester, DE

- | | | |
|-----|--|---------------|
| 426 | THE ROLE OF FOOD-WEB COMPLEXITY IN SHAPING THE SPEED, TRAJECTORY, AND PREDICTABILITY OF EVOLUTIONARY CHANGE | 11:15 - 11:30 |
| | <i>Speaker:</i> Matthew Barbour, | |
| 13 | EVOLUTION CAN BOTH PREVENT ECOSYSTEM COLLAPSE AND DELAY ECOSYSTEM RECOVERY | 11:30 - 11:45 |
| | <i>Speaker:</i> Catalina Chaparro, CH | |
| 498 | SIMULATING THE PAST TO BETTER UNDERSTAND THE FUTURE OF BIODIVERSITY | 11:45 - 12:00 |
| | <i>Speaker:</i> Oskar Hagen, DE | |

Parallel Session
10:00 - 12:00

Schwarzhorn

SES2 - Placing biodiversity research within a social-ecological context*Session Chair:* Maria Santos,

- | | | |
|-----|--|---------------|
| 162 | UNDERSTANDING SOCIAL-ECOLOGICAL SYSTEM DYNAMICS WITH POSSIBILISTIC MODELS | 10:00 - 10:15 |
| | <i>Speaker:</i> cédric gaucherel, FR | |
| 57 | COUPLED SETTLEMENT AND HABITAT NETWORKS AS SOCIAL-ECOLOGICAL SYSTEMS | 10:15 - 10:30 |
| | <i>Speaker:</i> Maarten J. van Strien, CH | |
| 94 | ECOLOGICAL RESTORATION IN OIL PALM WITHOUT YIELD LOSS | 10:30 - 10:45 |
| | <i>Speaker:</i> Delphine Clara Zemp, CH | |
| 382 | BIODIVERSITY MEDIATES HUMAN-ENVIRONMENT INTERACTIONS ACROSS GLOBAL SYSTEMS | 10:45 - 11:00 |
| | <i>Speaker:</i> Martin Oliver Reader, CH | |
| 372 | DRIVERS AND CONSEQUENCES OF ARCHETYPICAL SHIFTING CULTIVATION TRANSITIONS | 11:00 - 11:15 |
| | <i>Speaker:</i> Dominic A. Martin, CH | |
| 609 | UNDERSTADING CHOICES FOR NATURAL CAPITAL AND OTHER LIVELIHOODS ACROSS SYSTEMS | 11:15 - 11:30 |
| | <i>Speaker:</i> Maria Santos, | |
| 589 | BIODIVERSITY DYNAMICS AS A DRIVER OF SOCIAL-ECOLOGICAL SYSTEM TRANSITIONS | 11:30 - 11:45 |
| | <i>Speaker:</i> Maarten B. Eppinga, CH | |

Parallel Session
10:00 - 12:00

Seehorn

MOD4 - Challenges and opportunities for using the IPBES Nature Futures Framework for scenarios and modelling*Session Chair:* HyeJin Kim,

	Methodological guide to the Nature Futures Framework	10:00 - 10:15
110	BEYOND VALUES : HELPING PEOPLE COLLABORATE WHEN WORLDVIEWS COLLIDE. <i>Speaker:</i> Claude Garcia, CH	10:15 - 10:30
427	USING NATURE'S FUTURES AS A LENS FOR DEVELOPING EUROPEAN LAND USE SCENARIOS <i>Speaker:</i> Yue Dou, NL	10:30 - 10:45
480	NFF USED FOR COMMUNITY BIODIVERSITY MONITORING IN TROPICAL DRY FOREST <i>Speaker:</i> Maria Cecilia Londono Murcia, CO	10:45 - 11:00
	ADAPTING THE NFF TO PROTECT THE FUTURE OF EUROPEAN VERTEBRATE TROPHIC NETWORKS - Speaker: Wilfried Thuiller	11:00 - 11:15
	MODELLING A LANDSCAPE USING NATURE FUTURES FRAMEWORK: A CASE STUDY IN JAPAN - Speaker: Chihiro Haga	11:15 - 11:30
	Panel Discussion MOD4 (Challenges and Opportunities with NFF)	11:30 - 11:55
	Synthesis and concluding remarks	11:55 - 12:00

Parallel Session

10:00 - 12:00

Wisshorn

WS_FriB5 - A Feminist Ecosystem: Shifting Power Towards a New Relationship with the Earth*Organizer:* Sophie Jama Malindi, CA*Plenary Session*

12:00 - 12:15

Davos

PlenFri2 - Closing Plenary Session