

Conference Program (Day 2)

Tuesday, 5th July 2016

8:30	Plenary Talks (room 1A & 1B)				8:30
	Matt Hansen Assessing global land change in support of biodiversity monitoring				
	Patricia Balvanera Monitoring ecosystem services for policy design				
9:45	Sessions				9:45
	Essential Biodiversity Variables		Development of Biodiversity Observation Networks		
	Biodiversity <i>(room 1A)</i>	Ecosystem Services <i>(room 1B)</i>	National BONs and tools for BON development <i>(room 1C & 1D)</i>	Thematic and Regional BONs <i>(room 2A & 2B)</i>	
	EBV: data to models (Henrique M. Pereira)	Essential Ecosystem Services Variables (Patricia Balvanera)	National & Regional BON Examples, Experiences & Applications (Aletta Bonn)	SASSCAL (Norbert Jürgens)	
	Introduction	Introduction	Introduction	Introduction	
	Peter Brenton: A new flexible platform enabling broad-based, democratised data collection & aggregation for biodiversity & environmental monitoring	Patricia Balvanera & Tuyeni Mwampamba: Essential Ecosystem Service Variables	Toon Westa: Monitoring networks for habitats & species in Flanders	Norbert Jürgens: Regional monitoring activities in SASSCAL as related to the GEO BON goals	
	Joan Maso: Generalize the concept of EV to prioritize EO systems	Jan Philipp Schägner: Mapping ecosystem service values: a review of literature, a case study & future data needs	Eun-Shik Kim: Promoting the Effectiveness of Network Activities of Terrestrial Observation of Biodiversity, Ecosystems, & Ecosystem Services	Ben Strohbach: Plant biodiversity in arid woodland savannas: trends observed over the past decade on four observatories along an aridity gradient in the Greater Kalahari in Namibia	
	Sebastien Barot: Abiotic characteristics have to be taken into account in ecosystem EBV	Benis Nchine Ego: Strengthening Ecosystem Service tools for BON in a Box: A collaboration of GEO BON Working Group on Ecosystem Services	Tetsukazu Yahara: Asia-Pacific BON since 2008: its achievements & challenges	Priscilla Sichone: Influence of land use intensity on species size-class distribution & biomass in the Miombo Woodland, western Zambia	
	Laetitia Navarro & Diana Bowler: Integrating Drivers of Essential Biodiversity Variables Across Ecosystems	Miguel Martinez-Ramos: Long-term monitoring of biodiversity in tropical rain forests: understanding ecological determinants & human disturbance influences		Ute Schmiedel: Drivers of diversity & vegetation dynamics in the arid Succulent Karoo of South Africa - 15 years of annual vegetation monitoring	
10:45	Coffee break + Poster session (30 min)				10:45
11:15	EBV: data to models (Henrique M. Pereira)	Essential Ecosystem Services Variables (Patricia Balvanera)	National & Regional BON Examples, Experiences & Applications (Aletta Bonn)	SASSCAL (Norbert Jürgens)	11:15
	Patricia Milostavich: Identifying priorities for global monitoring of marine biology & ecosystems	Talie Musavi: "Essential Ecosystem Variables" emerge from linking Essential Climate & Biodiversity Variables	Peter Brenton: The Atlas of Living Australia - A modular biodiversity information platform with global implementations	Norbert Jürgens: Monitoring biotic interactions of different complexity in highly variable dryland environments of the wider Namib Desert	
	Michael Harfoot: Can General Ecosystem Models be to Essential Biodiversity Variables what General Circulation Models have been to Essential Climate Variables?	Uta Heiden: Contribution of Earth Observation for deriving soil information in the biodiversity context	Marie-Elise Lecoq: Atlas of Living France: GBIF France's portal - access to primary data about biodiversity provided by French institutions	Kristin Krewenka: Establishing a monitoring system for diversity of above ground nesting solitary bees & wasps in Namibia, with regard to different fire regimes & management strategies	
	Ingolf Kühn: eLTER – european backbone infrastructure for integrated long-term ecosystem, critical zone & socio-ecological system research - aims & challenges of the scientific analyses of long-term ecological research	Perrine Laroche: Lessons learnt from existing Essential Variables & the way forward for Ecosystem Services	Roland Krämer: "Living Atlas - Nature Germany" - synthesizing volunteer conservation & biodiversity observation initiatives in Germany	Marion Stellmes: Understanding the fire regime of Southern Africa & its impacts on ecosystems	
	Carlos Rodriguez: The key role of metadata in Biodiversity Information networks: the EU BON experience	Carlos Guerra: Policy impacts on regulating Ecosystem Services	Tanja Weibulat: From regional to national & international biodiversity networks - data of the Flora of Bavaria initiative free for use	Achim Röder: Using the full depth of the Landsat archive to analyze post-war forest cover dynamics in Angola	
	Discussion	Discussion	Discussion	Discussion	
12:30	Lunch break				12:30
13:30	EBV: models to indicators (Simon Ferrier)	Measure, Map & Model Ecosystem Services (Anna Cord & Matthias Schröter)	Citizen Science (Donald Hobern)	SASSCAL (Norbert Jürgens) / Capacity building in Africa (Maarten Vanhove & Anne-Julie Rochette)	13:30
	Simon Ferrier: Sharpening the resolution of biodiversity indicators transforms global picture of status & trends	Ilse Geijzendorffer: Measuring ecosystem services variables in Mediterranean wetlands	Eren Turak: Contribution of Citizen Science towards Global Biodiversity Monitoring	Wellington Masamba: Water quality monitoring of the Okavango delta	
	Isabel Rosa: The environmental legacy of modern tropical deforestation	Dania Abdul Malak: Mapping of temporal changes in flood regulating capacity of wetland ecosystems. Earth Observation techniques applied to two Mediterranean river basins	Patricia Tiago: Modelling species distributions with citizen science data - benefits & limitations	Michael Murray-Hudson: Automated interpretation of MODIS imagery flood extent as a proxy for monitoring floodplain plant communities in the Okavango Delta	
	Virgilio Hermoso: Modelling intraspecific genetic diversity of freshwater biodiversity for conservation prioritisation	Evangelia Drakou: Mapping cultural marine ecosystem services from space: fact or fiction?	Ute Schmiedel: How long-term biodiversity monitoring benefits from the involvement of paraecologists	Keoikantse Sianga: Monitoring wildlife movements in relation to resource availability in the Savuti-Mababe-Linyanti Ecosystem (SMLE) in Northern Botswana	
	Simon Linke: HydroATLAS: A global database of river & catchment attributes to facilitate aquatic ecosystem modelling & conservation planning	Mateus Dantas de Paula: The extent of edge effects in fragmented landscapes: Insights from satellite measurements of tree cover	Romain Julliard: How citizen science can contribute to a national BON: the French experience	Michael Murray-Hudson: Fish Diversity in the Okavango Delta seasonal floodplains - 12 years of monthly monitoring	
	Andy Purvis: The Biodiversity Intactness Index: modelling a global, fine-scale, annual indicator of terrestrial biodiversity to assess the biosphere integrity Planetary Boundary	Daniel Doktor: Mapping pollination types with remote sensing	Patricia Tiago: Participants' motivations in a citizen science project: a Portuguese case-study	Anne-Julie Rochette: Capacity building for the monitoring, reporting & verification (MRV) of biodiversity & ecosystem services in Africa	
	Eric Le Tortorec: Forest biodiversity & ecosystem services in the era of bio-based economy	Daniela Braun: Ecosystem service mapping using imaging spectroscopy: Applications in land management & conservation	Walter Jetz: Map of Life - supporting citizen science networks to map, report, & monitor species distributions	Maarten Vanhove: Collection valorisation & stakeholder involvement for the sustainable management of African aquatic ecosystems as best practices in capacity building	
	Diana Bowler: Climate Change Indicators to indicate Climate Change – Can we improve the Community Temperature Index?	Silvia Ceausu: No ecosystem service left behind: rediscovering the biodiversity basis of ecosystem services		Erik Verheyen: Working together to develop biodiversity research & monitoring related capacities in the DR Congo	
	Eren Turak: Generating global condition surfaces for freshwater biodiversity to represent variables in the community composition EBV class			Tewogbade Jean Didier Akpona: Capacity building, prioritization & definition of biodiversity monitoring indicators in Benin	
	Discussion	Discussion	Discussion	Discussion	
15:45	Coffee break + Poster session (30 min)				15:45
16:15	EBV: indicators to policy (Cornelia Krug & Anna Chenery)	Measure, Map & Model Ecosystem Services (Anna Cord & Matthias Schröter)		Great Apes BON (Hjalmar Kühl & Tenekwetche Sop)	16:15
	Andy Purvis: Indicators of broad-sense biodiversity: an overview of recent developments	Alessandro Gimona: The role of MODIS in national-level assessment of Ecosystem Services		Benoit Nzigidahera: Capacity building to define the trends of ecosystems, to assess ecosystem services & to monitor & report the status of biodiversity based on indicators	
	Melodie McGeoch: Scaling essential variables, indicators & monitoring of biological invasion	Ana Strith: Bayesian modelling of ecosystem services using Earth Observation: A prototype for avalanche protection		Elina A. Virtanen: Assessment of coral reefs & their ecosystem services in western Indian Ocean - first results of a capacity building project in Zanzibar	
	Tuyeni Mwampamba: Biodiversity, ecosystem services & human well-being: a selection of indicators for IPBES assessments	Grzegorz Mikusinski: Modelling boreal & alpine ecosystem characteristics & services based on monitoring variables & remote sensing data		Hjalmar Kühl: Studying great apes synergistically across levels of biological organization: A hierarchical concept for global biodiversity monitoring & research	
	Ilse Geijzendorffer: Use & availability of Ecosystem Services Variables in Sustainable Development Goals	Guy Ziv: Modelling Water Yield using InVEST: Lessons Learned in US & UK		Erin Wessling: Incorporating habituated great ape research into a regional perspective: Life at the edge of the chimpanzee (Pan troglodytes verus) range	
	Eugenie Regan: Biodiversity & ecosystem services: What data does business need?	Karla Locher-Krause: Influence of temporal scale on ecosystem services supply & interactions in Southern Chile		Mimi Arandjelovic: The Pan African Programme: The Cultured Chimpanzee - Video, Organic & Ecological Sampling At 40 Temporary Research Sites Across Africa	
	Anna Chenery: The Biodiversity Indicators Partnership - coordinating biodiversity indicator delivery	Maria Vallejos: Linking Ecosystem Services demand & supply on indigenous hunter-gatherers communities of the Chaco Salteno forests (Argentina)		Tenekwetche Sop: IUCN SSC A.P.E.S. Database: A tool to support great apes conservation & research	
	Jon Paul Rodríguez: Portfolio of IUCN knowledge products in support of national biodiversity reporting	Roland Krämer: Mapping ecosystem services & tree diversity of urban gardens in the City of Leipzig using a hybrid remote sensing approach		Nathalie Pettorelli: Remote sensing for biodiversity monitoring: opportunities & challenges	
				Ammie K. Kalan: Passive acoustic monitoring (PAM) of primates: progress & challenges	
	Discussion	Discussion		Discussion	
18:45-19:15	Coordination meeting with sessions chairs				18:45-19:15