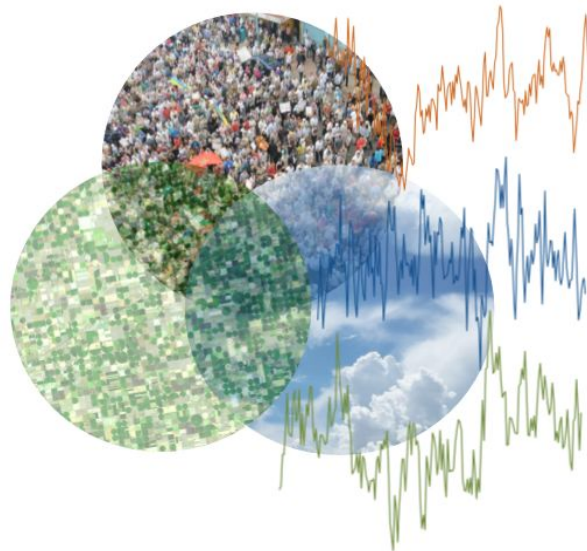


iLEAPS and BACI are supporting a workshop on:

Progress on Biosphere-Atmosphere-Change indices

Max Planck Institute for Biogeochemistry
(MPI-BGC), Jena, Germany

4-5th February 2019



A data-driven index for tracing the interactions of biosphere-atmosphere and society

Location: MPI-BGC, Jena, Germany

Date: 4-5th February 2019

Organizers Miguel Mahecha, MPI-BGC
 Markus Reichstein, MPI-BGC
 Toby Marthews, CEH

Monday 4th February 2019 (full day)

Setting the stage		
09:00-09:15	<i>Welcome and get to know each other!</i>	All
09:15-09:30	<i>The original idea</i>	Markus Reichstein
09:30-09:45	<i>The specific avenues explored so far</i>	Miguel Mahecha
09:45-10:00	<i>An iLEAPS perspective on the BASi vision</i>	Garry Hayman
10:00-10:15	First brainstorming: <i>Defining the targets of the workshop e.g.</i> <ul style="list-style-type: none"> ● <i>Conceptual discussions?</i> ● <i>Towards a product?</i> ● <i>Agreement on methods?</i> ● <i>Publication?</i> 	All
10:15-10:30	Coffee break	
Ongoing activities		
10:30-10:45	<i>Anomaly detections baseline. applications to biosphere-atmosphere data</i>	Maha Shadaydeh, Yanira Guancho et al.
10:45-11:00	<i>Anomalies in the Human Appropriation of NPP</i>	Johannes Reiche & Sarah Matej
11:00-11:15	<i>Trajectory baselines: applications to society and biosphere</i>	Guido Kraemer
11:15-11:30	<i>Cascading regime shifts within and across scales</i>	Juan Rocha
11:30-11:45	<i>Biodiversity Indices</i>	Cornelia Krug
11:45-12:30	Discussion: <ul style="list-style-type: none"> ● <i>What is the common line of research?</i> ● <i>Are we on the same page?</i> 	All

12:30-13:30	Lunch	
Open issues		
13:30-14:30	Discussion: <i>Food availability, biodiversity or megacity behaviour: What part of society should the BASi try to measure?</i>	Eleanor Blyth
14:30-15:00	Discussing existing approaches: <ul style="list-style-type: none"> • <i>Anomalies vs. events</i> • <i>Reconciling transient changes and event detection?</i> • <i>What are the sensitivities we need?</i> 	All
15:00-15:30	Discussion on uncertainty, validation, interpretation <ul style="list-style-type: none"> • <i>Feedback</i> • <i>What is missing?</i> 	All
15:30-15:45	Coffee break	
15:45-Close	Floor request topics 1 and 2	
19:00	Beer and German food	Place to be announced

Tuesday 5th February 2019 (3/4 day)

Future plans		
09:00-09:30	Recap of day 1	Toby Marthews
09:30-10:15	<i>Discussing on a draft for a joint BASi concept paper</i>	
10:15-10:30	Coffee break	
10:30-11:30	<i>Floor request topic 2</i>	
11:30-12:30	Plans for implementation, timeline, and commitments (including definition of scope of the follow-up ESA/FE workshops in April and June)	
12:30-13:30	Lunch	
Future		
13:30-open	Plans for future activities	

List of participants

Not possible to publish online. Circulated internally.