<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td>Introduction</td>
<td>Remote sensing-based measures of habitat variation &amp; species richness using LiDAR data as an indicator of species occurrence</td>
<td>Pedro J. Leitao, Angela Lomba</td>
</tr>
<tr>
<td>09:45</td>
<td>Discussion</td>
<td>Towards a Computational Model of Place: Assessing progress towards the Aichi Biodiversity Targets, the SDGs and the 2050 Vision for Biodiversity</td>
<td>Robert Panipilla, Fabian Ewald Fassnacht</td>
</tr>
<tr>
<td>11:15</td>
<td>Discussion</td>
<td>Continental-scale assessment of indicators for measuring marine species richness</td>
<td>Mark Costello, Michael Diepenbroek</td>
</tr>
<tr>
<td>12:30</td>
<td>Lunch</td>
<td></td>
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</tr>
<tr>
<td>13:30</td>
<td>Introduction</td>
<td>Tandem-L: Global Observation of Ecological Processes on the Earth's Surface with Satellite Imagery for Ecosystem Extent of Natural Habitats for Terrestrial Biodiversity</td>
<td>Oscar Bautista, Julien Radoux</td>
</tr>
<tr>
<td>14:15</td>
<td>Discussion</td>
<td>Assessing progress towards the Aichi Biodiversity Targets, the SDGs and the 2050 Vision for Biodiversity</td>
<td>Michael Diepenbroek, Mark Costello</td>
</tr>
<tr>
<td>15:00</td>
<td>Coffee break + Poster session</td>
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</tr>
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</tbody>
</table>

**Session Descriptions**

**Remote sensing-based measures of habitat variation & species richness using LiDAR data as an indicator of species occurrence**

By Pedro J. Leitao and Angela Lomba

- Description: The presentation will focus on the use of LiDAR data for measuring habitat variation and species richness. The LiDAR data will be analyzed to provide an overview of species occurrence patterns and ecosystem health.

**Towards a Computational Model of Place: Assessing progress towards the Aichi Biodiversity Targets, the SDGs and the 2050 Vision for Biodiversity**

By Robert Panipilla and Fabian Ewald Fassnacht

- Description: The talk will discuss the development of a computational model to assess progress towards the Aichi Biodiversity Targets, the SDGs, and the 2050 Vision for Biodiversity. The model will be used to evaluate the impact of various factors on biodiversity and to identify areas for improvement.

**Continental-scale assessment of indicators for measuring marine species richness**

By Mark Costello and Michael Diepenbroek

- Description: The presentation will focus on the ongoing work to develop and implement continental-scale assessment frameworks for marine species richness. The frameworks will be used to monitor biodiversity trends and to inform conservation efforts.
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<th>Topic</th>
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<tr>
<td>9:45</td>
<td>SESSION 1A</td>
<td>Laetitia Navarro &amp; Diana Bowler</td>
<td>The Biodiversity Intactness Index: model for freshwater biodiversity for conservation and sustainable development.</td>
</tr>
<tr>
<td>9:45</td>
<td>SESSION 1B</td>
<td>Dania Abdul Malak</td>
<td>Mapping ecosystem service values: a case study from the Mediterranean.</td>
</tr>
<tr>
<td>9:45</td>
<td>SESSION 1C</td>
<td>Ilse Geijzendorffer</td>
<td>Assessing the contribution of Earth Observation for the measurement and monitoring of global freshwater biodiversity.</td>
</tr>
<tr>
<td>9:45</td>
<td>SESSION 1D</td>
<td>Walter Jetz</td>
<td>Essential Ecosystem Services Variables Across Ecosystems.</td>
</tr>
<tr>
<td>10:15</td>
<td>SESSION 1A</td>
<td>Roland Krämer</td>
<td>Sensitivity of the Biodiversity Intactness Index to the choice of biodiversity indicators.</td>
</tr>
<tr>
<td>10:15</td>
<td>SESSION 1B</td>
<td>Ilse Geijzendorffer</td>
<td>Essential Ecosystem Services Variables: an overview of recent developments.</td>
</tr>
<tr>
<td>10:15</td>
<td>SESSION 1C</td>
<td>Patricia Balvanera</td>
<td>Essential Ecosystem Services Variables: an overview of recent developments.</td>
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<td>Walter Jetz</td>
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</tr>
<tr>
<td>10:45</td>
<td>SESSION 1A</td>
<td>Ingolf Kühn</td>
<td>Modelling intraspecific genetic diversity for biodiversity monitoring and management.</td>
</tr>
<tr>
<td>10:45</td>
<td>SESSION 1B</td>
<td>Patricia Balvanera</td>
<td>Applying ecosystem services valuation to assess and prioritize biodiversity and ecosystem service conservation priorities.</td>
</tr>
<tr>
<td>10:45</td>
<td>SESSION 1C</td>
<td>Roland Krämer</td>
<td>Sensitivity of the Biodiversity Intactness Index to the choice of biodiversity indicators.</td>
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<td>11:15</td>
<td>SESSION 1A</td>
<td>Kristin Krewenka</td>
<td>Methodological and technological challenges of the Biodiversity Intactness Index.</td>
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<td>11:30</td>
<td>Closing Plenary</td>
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</table>
Conference Programme (Day 3) 
Wednesday, 6th July 2016

08:30 - 09:00  
Plenary Talk

Mário Ribeiro  
What are some of the main threats to biodiversity change in the Anthropocene

9:00 - 10:05  
Plenary Talk

Hans-Peter Richter (ID)  
Aims and structure of the IDB Hands Meeting

10:05 - 10:15  
Break

10:15 - 12:30  
Workshops

Environmental Indicators | Biological diversity | Development of biodiversity observation networks

Thematic and Regional BONs | Species Distribution | Species distribution monitoring - distribution monitoring services (Enrico Paolucci and Croce Carbonara)

National BONs and tools for BON development | National biodiversity | Building mask for BON development services (Corinne Martin & Carsten Nessho)

Thematic and Regional BONs | Essential biodiversity variables | Essential biodiversity variables (Jitendra Gaikwad & Aletta Bonn)

Thematic and Regional BONs | Regional BONs | Regional biodiversity (Frank Muller-Karger)

12:30 - 13:30  
Lunch & Coffee breaks

13:30 - 14:00  
Plenary Talk

Anne Kleyer (GEO BON)  
GEO BON: Establishing & Connecting Global, Regional and Thematic BONs

14:00 - 15:30  
Workshops

Species distribution monitoring - distribution monitoring services (Enrico Paolucci and Croce Carbonara) | National biodiversity | Building mask for BON development services (Corinne Martin & Carsten Nessho)

Thematic and Regional BONs | Thematic and Regional BONs | Global standards for monitoring freshwater biodiversity (Henrique M. Pereira & Miguel Fernandez)

Thematic and Regional BONs | Thematic and Regional BONs | Global Wetland Observation System (GWOS) (Kathrin Weise & Frank Muller-Karger)

15:30 - 16:00  
Break

16:00 - 17:30  
Workshops

Species distribution monitoring - distribution monitoring services (Enrico Paolucci and Croce Carbonara) | The GEO Marine Biodiversity Observation Network (MBON) (Adrian Strauch & Marc Paolucci)

Thematic and Regional BONs | Thematic and Regional BONs | The Red List of Ecosystems (Corinne Martin & Carsten Nessho)

Thematic and Regional BONs | Thematic and Regional BONs | Essential Ecosystem Service Variables (Jitendra Gaikwad & Aletta Bonn)

17:30 - 18:00  
Break

18:00 - 18:30  
Plenary Talk

Miguel Fernandez & Carlos Zambrana  
Connecting National, Regional and Thematic BONs

18:30 - 19:00  
Outlook & Farewell

Henrique M. Pereira

Conference Programme (Day 4) 
Thursday, 7th July 2016

08:30 - 09:00  
Plenary Talk

Pereira & Miguel Fernandez  
Mobilising indicators for the implementation of EBVs (Henrique M. Pereira & Miguel Fernandez)

09:00 - 10:30  
Workshops

Pathways between biodiversity and decision-making (Enrico Paolucci & Croce Carbonara)  
Future visions in EBVs development (Corinne Martin & Carsten Nessho)

National biodiversity | National biodiversity | Essential biodiversity variables (Jitendra Gaikwad & Aletta Bonn)

Thematic and Regional BONs | Thematic and Regional BONs | Global standards for monitoring freshwater biodiversity (Henrique M. Pereira & Miguel Fernandez)

Thematic and Regional BONs | Thematic and Regional BONs | Global Wetland Observation System (GWOS) (Kathrin Weise & Frank Muller-Karger)

10:30 - 11:00  
Break

11:00 - 12:30  
Workshops

Pathways between biodiversity and decision-making (Enrico Paolucci & Croce Carbonara)  
Future visions in EBVs development (Corinne Martin & Carsten Nessho)

National biodiversity | National biodiversity | Essential biodiversity variables (Jitendra Gaikwad & Aletta Bonn)

Thematic and Regional BONs | Thematic and Regional BONs | Global standards for monitoring freshwater biodiversity (Henrique M. Pereira & Miguel Fernandez)

Thematic and Regional BONs | Thematic and Regional BONs | Global Wetland Observation System (GWOS) (Kathrin Weise & Frank Muller-Karger)

12:30 - 13:30  
Lunch & Coffee breaks

13:30 - 14:00  
Plenary Talk

Miguel Fernandez & Carlos Zambrana  
Connecting National, Regional and Thematic BONs

14:00 - 15:30  
Workshops

Pathways between biodiversity and decision-making (Enrico Paolucci & Croce Carbonara)  
Future visions in EBVs development (Corinne Martin & Carsten Nessho)

National biodiversity | National biodiversity | Essential biodiversity variables (Jitendra Gaikwad & Aletta Bonn)

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15:30 - 16:00  
Break

16:00 - 17:00  
Workshops

Pathways between biodiversity and decision-making (Enrico Paolucci & Croce Carbonara)  
Future visions in EBVs development (Corinne Martin & Carsten Nessho)

National biodiversity | National biodiversity | Essential biodiversity variables (Jitendra Gaikwad & Aletta Bonn)

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Thematic and Regional BONs | Thematic and Regional BONs | Global Wetland Observation System (GWOS) (Kathrin Weise & Frank Muller-Karger)

17:00 - 18:00  
Conference Closing

Rita Hangartner, GEO BON

Conference Programme (Day 5) 
Friday, 8th July 2016

08:30 - 09:00  
Plenary Talk

Pereira & Miguel Fernandez  
Connecting National, Regional and Thematic BONs

09:00 - 10:30  
Workshops

Pathways between biodiversity and decision-making (Enrico Paolucci & Croce Carbonara)  
Future visions in EBVs development (Corinne Martin & Carsten Nessho)

National biodiversity | National biodiversity | Essential biodiversity variables (Jitendra Gaikwad & Aletta Bonn)

Thematic and Regional BONs | Thematic and Regional BONs | Global standards for monitoring freshwater biodiversity (Henrique M. Pereira & Miguel Fernandez)

Thematic and Regional BONs | Thematic and Regional BONs | Global Wetland Observation System (GWOS) (Kathrin Weise & Frank Muller-Karger)

10:30 - 11:00  
Break

11:00 - 12:30  
Workshops

Pathways between biodiversity and decision-making (Enrico Paolucci & Croce Carbonara)  
Future visions in EBVs development (Corinne Martin & Carsten Nessho)

National biodiversity | National biodiversity | Essential biodiversity variables (Jitendra Gaikwad & Aletta Bonn)

Thematic and Regional BONs | Thematic and Regional BONs | Global standards for monitoring freshwater biodiversity (Henrique M. Pereira & Miguel Fernandez)

Thematic and Regional BONs | Thematic and Regional BONs | Global Wetland Observation System (GWOS) (Kathrin Weise & Frank Muller-Karger)

12:30 - 13:30  
Lunch

13:30 - 14:00  
Plenary Talk

Pereira & Miguel Fernandez  
Connecting National, Regional and Thematic BONs

14:00 - 15:30  
Workshops

Pathways between biodiversity and decision-making (Enrico Paolucci & Croce Carbonara)  
Future visions in EBVs development (Corinne Martin & Carsten Nessho)

National biodiversity | National biodiversity | Essential biodiversity variables (Jitendra Gaikwad & Aletta Bonn)

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Thematic and Regional BONs | Thematic and Regional BONs | Global Wetland Observation System (GWOS) (Kathrin Weise & Frank Muller-Karger)

15:30 - 16:00  
Break

16:00 - 17:00  
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Pathways between biodiversity and decision-making (Enrico Paolucci & Croce Carbonara)  
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17:00 - 18:00  
Outlook & Farewell

Henrique M. Pereira

Lunch & Coffee breaks

We have chosen a local buffet during the conference to open up – so enjoy the food of the region! The participants who selected lunch buffet for next day will get local dishes at the restaurant. A coffee, tea, water and juices will be provided for all participants during the whole conference. For the participants who have breakfast at the hotel all conference events are integrated into the hotel’s breakfast buffet. (Corinne Martin & Croce Carbonara)

In the neighborhood you can find many restaurants, businesses, supermarkets and small stores as well as a big shopping center (near one walk with)

There is a local pharmacy (open at night) as well as an international pasta restaurant (at one walk)

Please act responsibly: the buffet is not intended to cost us the capacity of 202 during the time of the conference.

Therefore, we are kindly asked you to enter the buffet at 12:00.
**Kuljian, Andrew - Mapping Long-term Biodiversity Observations across an Aridity Gradient**

**Luz, P. - Invasive Species Dynamics in the European Hub**

**Nahli, S. & Strohbach, B. - Vital Signs: An Integrated Biodiversity Data Network**

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**Poster sessions**

**6-8 July 2016, Leipzig, Germany**

**Programme / DAY 3**

**Monday - Tuesday, 4-5 July 2016**

**Poster sessions**

**Programme / DAY 4**

**Wednesday, 6 July 2016**

**DAY 5**

**Thursday - Friday, 7-8 July 2016**

**Programme / DAY 5**

**Saturday, 9 July 2016**