

Using Remote Sensing for Biodiversity Assessments

A series of key note lectures on the occasion of two workshops on *Informing Species Distribution Models and Essential Biodiversity Variables using Remote Sensing*, held at the University of Zurich, 5 – 7 February 2018

Programme Part II

Wednesday, 7 February 2018, 11:00 – 18:00

Room Y03-G85, Irchel Campus

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| 11:00 – 11:45 | Informing species distribution models and essential biodiversity variables using remote sensing
<i>Jeannine Cavender-Bares, University of Minnesota</i> |
| 11:45 – 12:00 | Closing words of Workshop Part I
<i>Davnah Payne, University of Bern</i> |
| 12:00 – 13:30 | Lunch |
| 13:30 – 14:15 | Welcome and Introduction to <i>GlobDiversity</i>
<i>Michael Schaepman, Rogier de Jong, Claudia Rösli (University of Zurich)</i> |
| 14:15 – 15:00 | “New remote sensing missions for observing biodiversity change: filling gaps in the global program”
<i>David Schimel (JPL and NASA)</i> |
| 15:00 – 15:30 | Coffee break |
| 15:30 – 16:15 | “Remote Sensing-Constrained Predictions of Terrestrial Ecosystem Function”
<i>Paul Morecroft (Harvard University)</i> |
| 16:15 – 17:00 | “Monitoring biodiversity change through effective global coordination”
<i>Nestor Fernandez (GEO BON)</i> |
| 17:00 – 18:00 | Panel discussion: How can RS-enabled EBVs inform about global biodiversity?
<i>Panelists: Nicolas Coops, Walter Jetz, David Coomes, Michael Schaepman</i> |

For more information, contact Claudia Rösli (claudia.rooesli@geo.uzh.ch)

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Using Remote Sensing for Biodiversity Assessments

A series of key note lectures on the occasion of two workshops on *Informing Species Distribution Models and Essential Biodiversity Variables using Remote Sensing*, held at the University of Zurich, 5 – 9 February 2018

Programme Part I

Monday, 5 February 2018, 12:00 – 16:20

Room Y03-G85, Irchel Campus

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|---------------|---|
| 12:00 – 12:15 | Welcome
<i>Michael Schaepman (University of Zurich) & Davnah Payne (University of Bern)</i> |
| 12:15 – 12:55 | Species distribution models: state-of-the-art and challenges
<i>Niklaus Zimmermann (WSL), Stefan Dullinger (University of Vienna) & Nigel Yoccoz (University of Tromsø)</i> |
| 13:00 – 13:40 | Challenges of using land use dynamics in biodiversity modelling: spatial, temporal and thematic resolution
<i>Peter Verburg (Vrije Universiteit Amsterdam), Janine Bolliger (WSL) & Christophe Randin (University of Lausanne)</i> |
| 13:45 – 14:25 | Remote sensing for biodiversity prediction and monitoring
<i>Walter Jetz (Yale University), Miska Luoto (University of Helsinki) & A. Guisan (University of Lausanne)</i> |
| 14:25 – 14:45 | Break |
| 14:45 – 15:00 | Contribution of Long-Term Ecological Research and the Ecopotential project to advancing Essential Biodiversity Variables and Remote Sensing
<i>Thomas Dirnböck (University of Vienna)</i> |
| 15:05 – 15:20 | Mechanistic species distribution and forest diversity-functioning models: using remote sensing data to reach better predictions?
<i>Xavier Morin (University of Montpellier)</i> |
| 15:25 – 15:40 | Microclimates as a link between remote sensing and species distribution models
<i>Michael Ashcroft (University of Wollongong)</i> |
| 15:45 – 16:00 | Species distribution models and remote sensing in the Anthropocene
<i>Erle Ellis (University of Maryland)</i> |
| 16:05 – 16:20 | Sampling errors and error propagation: what is the problem?
<i>N. Yoccoz</i> |

Please contact Davnah Payne (davnah.payne@ips.unibe.ch) for more information.

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