

## Events



Foto by Kiara Worth, IISD/ENB

Monday, December 5, Cancun, Quintana Roo, Mexico: The Mexican president's speech opening the **13<sup>th</sup> conference of the parties (COP) of the Convention on Biodiversity (CBD)** caused some delays. This gave us (Arne Cierjacks, TU Berlin, Manuel Krauss, Uni Stuttgart, Stefan Hotes, Uni Marburg) some more time to prepare presentations for our side event at the Rio Pavilion on the results of GLUES and the launch of the book "Making Sense of Research for Sustainable Land Management.". We were happy to be introduced by David Cooper, Deputy Executive Secretary of CBD but also warmly welcomed by Dr. Else Nickel, BMU and head of the German Delegation, who also joined us for the very interesting panel discussion, see more at <http://nachhaltiges-landmanagement.de/index.php?id=1160>

Making sense of research for sustainable land management



More information and book order: [here](#)

## ESCALATE Evaluation

On May 5 2016 the mid-term evaluation of ESCALATE took place. Three international, scientific reviewers, Garry Perterson from the Stockholm Resilience Centre, Vicky Temperton from Leuphana University Luenburg and Paul van Gardingen from the University of Edinburgh as well as two graduate education experts visited ESCALATE. The evaluation was officially opened by Prof. Teutsch and followed by overview presentations given by Ralf Seppelt and Michael Beckmann. Afterwards the reviewers had a chance to meet the ESCALATE PhD students during a poster session and engage in a discussion with them after three short presentations given by Andreas Dittrich, Rita Radzeviciute and Bartosz Bartkowski. In the final feedback round Garry Peterson, the chair of evaluation committee, clearly stated that the committee was impressed with the achievements of ESCALATE. There was a consensus that the focus on ESCALATE synthesis projects such as HistES and FAWKES is a perfect way to promote PhD researchers while at the same time develop new tools for interdisciplinary research. They were also impressed by the enthusiasm and creativity of all our PhD students. In the written report, which was received in October, the reviewers suggest, for example, to better support research stays abroad and increase international networking - aspects that have been taken up immediately in the second call for PhD projects.

## GLUES / LandYOUS



The BMBF funded project GLUES now enters its last year. More and more research results are translated into products beyond scientific publication. The online game LandYOUS was substantially updated given the feedback from the Biology Didactics group at Martin-Luther University Halle Wittenberg and is now accompanied by material for schools teachers. This brief 16 page booklet was developed in cooperation with KLETT Mint Publishers. Find the material [here on our Department website](#) (PDF in German).

## Miscellaneous



**Jule Schulze**, our former team member in GLUES, now finished her Ph.D. and graduated at Osnabrück University under the supervision of Karin Frank. Congratulations! Jule will now focus on modelling migration processes and start a PostDoc position in Kathleen Herman's group MigSoKo. So, welcome back!

After changing position from CLE to iDiv **Katharina Gerstner** came back for participating in this year UFZ price ceremony. Katharina was awarded the UFZ price for best Ph.D. student in 2016, recognising her great achievements in research but also for her enthusiasm and support in statistic training and tool establishment at UFZ and HIGRADE.



## Publications „Editor's Choice“

Lange, M., Schaber, J., Marx, A., Jäckel, G., Badeck, F.W., **Seppelt, R., Doktor, D.** (2016). Simulation of forest tree species' phenological phases for different climate scenarios: chilling requirements and photo-period may limit bud burst advancement. *International Journal of Biometeorology*. DOI 10.1007/s00484-016-1161-8

This study investigates whether the assumed future increase of winter and spring temperatures is depicted by phenological models in correspondingly earlier bud burst dates. Until the year 2100, we found a decreasing trend magnitude for beech and chestnut, stagnation for birch and an increasing trend (towards earlier budburst) for oak. Results suggest that not fulfilled chilling requirements accompanied by an increasing dependency on photo-period potentially limit future budburst advancement.

Ziv, G., Mullin, K., Boeuf, B., Fincham, W., Taylor, N., Villalobos-Jiménez, G., Vittorelli, L. von, Wolf, C., Fritsch, O., **Strauch, M., Seppelt, R., Volk, M., Beckmann, M.**, 2016. Water Quality Is a Poor Predictor of Recreational Hotspots in England. *Plos One 11*: DOI:10.1371/journal.pone.0166950.

In Europe, the Water Framework Directive (WFD) defines water quality based on a set of biological, hydro-morphological and chemical targets, and aims to reach good quality conditions in all river bodies by the year 2027. We tested the hypothesis that good water quality is associated with increased utilization of recreational services. In only 25% of the river bodies positive association between WFD water quality and use of recreational services was found. This suggests that achieving the WFD water quality goals may not enhance recreational ecosystem services.

## Imprint

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