

Kolloquium des Institutes für Landschaftsökologie WS 16/17

Dienstags 18 Uhr c.t.
Hörsaal Heisenbergstr. 2

10. Januar 2017

Prof. Dr. Markus Reichstein

Max-Planck-Institut für Biogeochemie, Jena

**Towards global data-driven Earth System Science for improving
climate and Earth system modeling**

I will present on current efforts to diagnose and understand the contemporary global carbon and water cycles on land using a combination of eddy covariance flux and remote sensing observations. The talk will highlight the importance of the water cycle for several carbon cycle components and show that state-of-art coupled-climate-carbon-cycle models do not always capture the respective relationships well.