



*Valerie Graw (Bonn):*

## Pixel for People and People for Pixel - EO to support the Global Development Agenda

### *Abstract*

Earth observation has a huge potential to support the Sustainable Development Goals and monitor its targets. But what information within the huge number of datasets needs to be obtained and which links need to be made? To support the Global Development Agenda, information about the pixel but also about the people living within this pixel is needed. Further, also advice is necessary how to manage this pixel or further information from the ground needs to be given to support the understanding of occurring coupled socio-ecological processes. This talk will give insights into ongoing research activities where especially those are involved that benefit from innovative approaches using remote sensing analysis and GIS. This includes participatory mapping with indigenous communities in the Amazon guiding to renewable energy provision or disaster risk management which benefits from earth observation tools adjusted to the national needs.