

**Seminar by Prof. Josef Strobl from University of Salzburg
on 2 Sept 2015**

Current Trends in Geoinformatics

Abstract

As a discipline at the interfaces of Spatial Sciences with ICT and sensor technologies, Geoinformatics is confronted with rapid and partly disruptive changes. Fundamental concepts in Geographic Information Science, and the methods linking these concepts with practice across numerous geospatial industries struggle to keep up with this change. Technology trends discussed include Internet of Things and cloud computing, UAVs and real-time image analysis, indoor positioning and building/city modeling, and collective sensing through social media. Explicitly geospatial (big) data and methods now are being leveraged by an expanding array of domains, raising the bar for qualified professionals. As a consequence, innovative approaches to curricula and educational pathways are needed to warrant adequate capacity building and academic qualifications.