Claudia Kuenzer is University Professor at the Chair of Remote Sensing of Wuerzburg University, Germany, and also head of the department "Land Surface Dynamics" at the Earth Observation Center, EOC, of the German Aerospace Center, DLR near Munich. This department with currently 60 scientists, studies and quantifies global environmental change, and in this context addresses societal relevant questions. Focus is on the development of information products useful for planning and decision-making purposes based on innovative data analyses methods. A wide range of geoscience topics, employing all types of earth observation sensors (multispectral, hyperspectral, SAR) at various spatial scales (global, regional, national, local) is addressed. Claudia currently supervises 10 PhD students as first supervisor, mainly focussing on big data and time series processing in the context of geoscientific analyses.

Claudia received her Diploma in Physical Geography from the University of Trier, Germany and also studied two years in the USA, at Huxley College of Environmental Science of Western Washington University, WWU. She received her PhD in remote sensing from Vienna University of Technology in 2005 and has held post doc positions in Vienna (Austria), Wuerzburg (Germany), Beijing (China), and at DLR (Germany). She has been scientific director of several international, trans-disciplinary geoscience projects mainly focussing on integrated water resources management, as well as coast-related topics. Claudia has acted as a reviewer for the German Ministry of Education and Research, BMBF, the German Science Foundation, DFG, the National Geographic Society, NatGeo, the International Foundation for Science, IFS, the Chinese Scholarship Council, CSC, as well for PhD co-evaluations at a variety of international universities.

Claudia frequently lectures and has lectured for the Universities of Wuerzburg, Germany, Vienna University of Technology, Austria, the European Space Agency, ESA, the Chinese Academy of Sciences, CAS, and the Vietnamese Academy of Sciences, VAST. She has authored and co-authored over 130 Science Citation Index listed journal papers, > 35 book chapters, > 140 conference contributions, and published four books (h-index in 04/2020: 45). Claudia furthermore is member of two journal editorial boards.

Her current main research interest is on time series analyses of temporally dense, high resolution Earth Observation data, as well as on the Ai-based analyses of natural and social sciences or multi-source data, all within the field of land surface dynamics.