



Franziska Kroll

I studied Geoecology at the University of Tuebingen, Germany and wrote my diploma thesis about “the influence of demographic change on land use change in Germany” at the Centre for Environmental Research – UFZ in Leipzig, Germany.

Since July 2007, I am working on my PhD-thesis at the Ecology Centre in Kiel, Department for Ecosystem Research. My PhD-topic is related to the European integrated research project PLUREL: Peri-urban Land Use Relationships - Strategies and Sustainability Assessment Tools for Urban-Rural Linkages.

I am interested in land use and ecosystem services along the rural-urban gradient and in the influence that demographic change might have on them. With help of the modelling tool WASMOD, I aim at quantifying some landscape integrity components like nitrogen, carbon and water cycles in the urban, suburban and rural areas of one or more PLUREL case study regions (starting with Leipzig in eastern Germany). A translation of these integrity components to the relating ecosystem services should follow subsequently as one part of an overall indicator system.