

NN		Aquatische Ökologie

# Revisiting Feld et al. (2011): the role of riparian buffers for river ecology

## – Outline of Assignment –

**Name of candidate:** NN

**Supervisor:** Christian K. Feld

**Co-supervisor:** Jochem Kail

**17. November 16**

### **Title**

A review of the role of riparian buffers for river ecology with a focus on the evidence of buffer restoration on riverine hydrology, morphology, physico-chemistry, and ecology.

### **Tasks and research questions**

- Revisit Feld et al. (2011) and build on this review
- Update the evidence published since 2010
- Update and further elaborate the conceptual model of riparian buffer restoration effects on abiotic and biological responses
- Draft a tool to help users derive the main information

### **Methods**

The methodology is described in Feld et al. (2011).

### **Prerequisites**

This work is mainly a review study, which requires the student to be dedicated to literature (computer) work. As most references are published in English language, the student should be familiar with English texts.