Summer School "RESTORING REGULATED STREAMS LINKING THEORY AND PRACTICE" [1]

The summer school 'RESTORING REGULATED STREAMS LINKING THEORY AND PRACTICE' (Saturday 27 June - Monday 29 June) addressed students and young researchers before the final conference [2] (30 June - 2 July 2015). The summer school was attended by 12 participants. The 3-day programme included:

- An introduction and field visits to two contrasting stream restoration projects (Day 1)
- The theoretical background of assessing hydromorphological modification of streams and rivers and identifying appropriate restoration measures considering the socio-economic context (Day 2)
- The application of the theory on the visited restoration project to draft a restoration plan (Day 3)

Lecture Notes

1. Prof. Ian Cowx (University of Hull International Fisheries Institute, UK) - PLANNING STREAM AND RIVER RESTORATION AND COST- BENEFIT ANALYSIS

2. Prof. Angela Gurnell (Queen Mary University London, UK) - THE REFORM HYDROMORPHOLOGY FRAMEWORK: WORKING WITH RIVER PROCESSES

3. Prof. Massimo Rinaldi (Università di Firenze, Italy) - HYDROMORPHOLOGICAL ASSESSMENT

4. Dr Christian Wolter (Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Germany) - BIOLOGICAL ASSESSMENT

5. Dr Nikolai Friberg (Norwegian Institute for Water Research NIVA, Norway) - COUPLING HYDROMORPHOLOGY TO BIOTIC RESPONSES: CHALLENGES IN ASSESSING RIVER RESTORATION OUTCOMES

6. Dr Jochem Kail (University of Duisburg- Essen, Germany) - SELECTION OF RESTORATION MEASURES: GENERAL PRINCIPLES AND APPROACHES, POTENTIAL RESTORATION MEASURES AND EFFECTS ON RIVER MORPHOLOGY AND BIOTA

7. Dr Gertjan Geerling (Deltares / Radboud University, Nijmegen, The Netherlands) - RECAP OF THE KEY REFORM STEPS FOR EFFECTIVE RIVER RESTORATION

The powerpoints of the individual lecture notes can be downloaded through the links below. The corresponding presentations can be viewed on the video channel of STOWA [3] (Netherlands Foundation for Applied Water Research) under the title: Summer Course | REFORM Rivers | 2015 [4]. The description of the summer school is documented in the deliverable ‘Lecture notes of the summer school’ [5].

File:

- P01 Cowx REFORM Summer School.pptx [6]
- P02 Gurnell REFORM Summer School.pptx [7]
- P03 Rinaldi REFORM Summer School.pptx [8]
- P04 Wolter REFORM SummerSchool.pptx [9]

REFORM has received funding from the European Union’s Seventh Programme for Research, Technological Development and Demonstration under Grant Agreement no. 282656.