

The Hyporheic Network: Record of workshop discussions, 11-12 July 2007

Workshop number: Day 2, Workshop 2

Workshop leader: Prof David Lerner, University of Sheffield

Workshop goal:

"The Hyporheic Handbook – is the outlined handbook what you need the Network to produce to help disseminate research to environmental managers?"

Outcomes:

- Feedback on the objectives of the Handbook (goal, audience, etc)
- Is the structure OK?
- Volunteers to join work group teams"

Record of Workshop:

1. Audience

- Primarily science end-users such as regulators

2. Goals

- To raise awareness of the importance of the HZ

3. Structure

- Structure as proposed considered OK, with addition of sections on:
 - Research gaps
 - Addition of flow-charts in scenarios – provide hyperlinks out if necessary
 - Highlight end-user uncertainties in decision making processes. Quantify HZ. Quantify HZ uncertainty against other uncertainties?

4. Chapters

- Recommended to develop a set of conceptual models soon and use these to underpin subsequent chapter writing (so all working to consistent basis).
- Need to discuss issues of spatial scales

- Possible to combine 'invertebrate' and 'fish ecology' chapters?
- Possible to combine 'microbial ecology' and 'biogeochemical processes' chapters?
- Are we still short of some skills – e.g. geomorphology