

# Introduction to Hydromorphology (Level 1)

19<sup>th</sup> September 2018

Grampian Hotel, Perth, Scotland

09:30 - 16:00



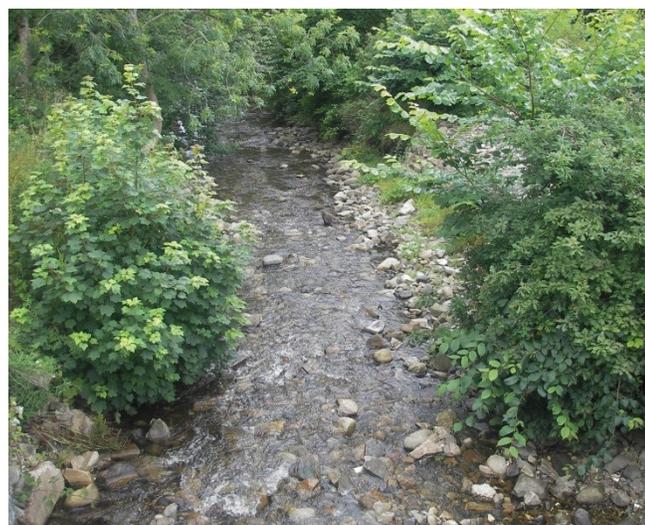
This practical one-day overview course, featuring field-based demonstration on a nearby river, will introduce participants to hydromorphology. The course will cover aspects of geomorphology and hydrology, and will enable improved outcomes in the related fields of river restoration, green infrastructure for bank protection, ecology and natural flood management (NFM). The course is open to all practitioners with an interest in hydromorphology and river restoration, and will not require significant prior knowledge of these topics. This course is suitable for consultants, contractors, academics, catchment partners, and representatives from local authorities, local government and statutory agencies.

*Cost (incl. VAT)*

£200 RRC members; £260 non-members

## Key learning outcomes

- Understand the drivers behind geomorphological and hydrological processes and features, and the way these vary along the length of a river
- Recognise common channel modifications and artificial features, and learn how these impact river form and habitat quality
- Identify potential actions to restore natural functioning of modified rivers and improve habitat diversity
- Apply hydromorphological knowledge to assessing the potential for working with rivers and natural processes (e.g. NFM, green infrastructure and habitat management) to allow for stronger decision making in these areas.



To register, fill in a [booking form](#)

<b>SCHEDULE</b>		
09:00 – 09:30	<b>Registration and refreshments</b>	30 mins
<b>Morning session</b>		
09:30 – 09:40	<b>Introduction to the course</b>	10 mins
09:40 – 10:30	<b>Introduction to Hydromorphology</b>	50 mins
10:30 – 10:50	<b>Break and refreshments</b>	20 mins
10:50 – 11:20	<b>How to identify issues with rivers</b>	30 mins
11:20 – 11:40	<b>Break out session on issues identification</b>	20 mins
11:40 – 12:15	<b>River Restoration, NFM, GI &amp; hydromorphology</b>	35 mins
12:15 – 13:00	<b>Break out session on River Restoration, NFM, GI &amp; hydromorphology</b>	45 mins
13:00 – 14:00	<b>Lunch (provided)</b>	60 mins
<b>Afternoon session</b>		
14:00 – 15:40	<b>Site visit</b>	100 mins
15:40 – 16:00	<b>Q&amp;A, summary and close</b>	20 mins

*Reminder:*

- It would be useful to bring along a notebook and pencil (with a WeatherWriter if possible)
- During the day the course will involve a short walk along the river for the fieldwork component. Please wear weather appropriate clothing and comfortable walking shoes (wellies are fine but not required as we won't be entering the water)
- Bring along any snacks/drinks if desired (lunch, tea and coffee will be provided)
- There is limited parking at the hotel (9 spaces). There is parking at the library across from the hotel. There is also parking at Dewars centre and Thimblelow car park which are pay and display and just a few minutes' walk. There will be a short drive to the afternoon site visit. We will organise car sharing arrangements to the site on the day of the course.
- The nearest train station is Perth Train Station, 0.5 miles away, approximately a 6 minute walk to the hotel venue.