

Monaghan Water Resources Management Training

Introductory webinar will outline the course content and take your queries

from 7-8pm on

- Thursday 14th July
- Monday 29th August

To register to attend and or learn more, contact LEADER@midl.ie / 042 974 9500 / 087 176 0877

Water Resources Management Training Days run from

- 9.30am - 1pm
- 1.30pm - 3.30pm

Saturday 3rd September – North Monaghan

- Physical structure & function of Irish lakes & rivers
 - Invertebrate & plant life in our rivers, lakes & wetlands
 - Using animals & plants to assess water quality
- Afternoon: field visit

Sunday 4th September – North Monaghan

- Fish & other wildlife in our rivers, lakes & wetlands
 - Water Quality Assessment - Local Catchments
- Afternoon: field visit

Saturday 17th September – South Monaghan

- The Physical structure and functioning of Irish lakes and rivers
 - Invertebrate and plant life in our rivers, lakes and wetlands
 - Using animals and plants to assess water quality
- Afternoon: field visit

Sunday 18th September – South Monaghan

- Fish and other wildlife in our rivers, lakes and wetlands
 - Water Quality Assessment - Local Catchments
- Afternoon: field visit

Saturday 24th September - North Monaghan

- Pollution -Threats and opportunities
 - What can community groups do to improve water quality and the local environment?
 - Refresher - Key elements of the Course / Barriers to progress and advice on overcoming these
 - Developing Community Based Water Projects
- Afternoon: field visit

Sunday 25th September - South Monaghan

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 - What can community groups do to improve water quality and the local environment?
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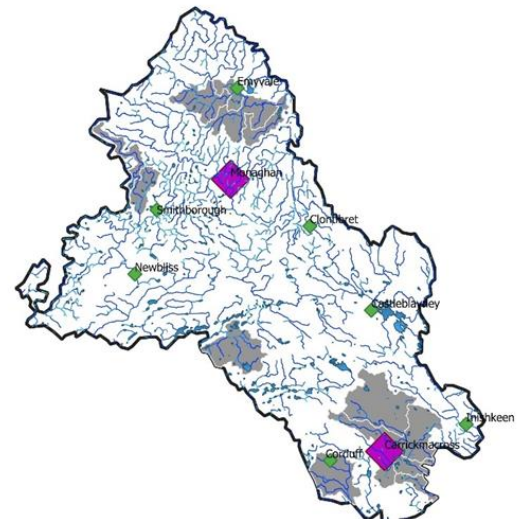


Figure 1. The Priority Action Areas in Monaghan

Main themes

1. The Physical structure and functioning of Irish lakes and rivers

- Glacial history
- Geology and Topography
- The sources of water and the water cycle

2. Invertebrate and plant life in our rivers, lakes and wetlands

- An introduction to the ecology of freshwater life in rivers, streams and wetlands
- The main invertebrate and plant groups
- Live material will be presented in the classroom (videos) and later at the river bank or lake shore

3. Using animals and plants to assess water quality

- The Biological index of water quality
- River corridors – their conservation and management
- The importance of the lake and wetland environments

4. Fish and other wildlife in our rivers, lakes and wetlands

- Getting to know the freshwater fish of Ireland
- The biology of resident and migratory stocks
- Fish predators – detecting their presence
- Invasive species or new neighbours?
- Birds and mammals – dipper, heron, kingfisher, ducks, otter, mink, bats

5. Threats and opportunities

- Pollution & degradation of habitat – sources and types of pollution and other pressures
- Wastewater treatment plants and septic tanks
- Diffuse pollution from farming, forestry and peat harvesting
- Managing pollution sources in rivers and lakes at local and international level
- The concept of “Good Ecological Status” under the Water Framework Directive (WFD)
- The national water resource and its wise use

6. Local Catchment Assessment

- The current state of the local catchments in County Monaghan
- Are they getting better or deteriorating?
- What are the key pressures in Monaghan?
- How do we improve/protect our local catchments?
- Where are the so-called “Priority Action Areas” and what needs to be done?

7. What can community groups do to improve water quality and the local environment?

- How are the ‘Good Ecological Status’ targets to be achieved?
- What can you do as community groups/stakeholders?
- Presenting and discussing ideas for potential projects (see appendix)
- Exploring sources of funding (see appendix)
- Health and Safety near water