

Woodlands for Water

Trees can be used to alleviate flooding and slow the flow in a catchment. Woodlands and riparian vegetation should be sited appropriately and considered in the context of the entire catchment.

Types of Woodlands:

- Catchment Woodland
- Cross-slope Woodland
- Floodplain Woodland
- Riparian Woodland



Benefits of Woodlands:

- Capture water and slow the flow
- Reduce run-off
- Reduce sedimentation
- Increase carbon sequestration
- Increase biodiversity
- Improve habitats
- Increase recreational facilities
- Increase health and well-being
- Decrease air pollution
- Decrease noise pollution

There are a large number of studies that show the multiple benefits of planting trees and riverbank vegetation. In addition to these benefits the woodlands can be managed to provide economic returns and the timber used for further river enhancement such as bank revetment projects and leaky dams.

For further advice and information on creating a woodland contact Forest Service, Dept of Agriculture, Food and the Marine ; Coillte; Teagasc



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