

Seminar/Workshop: Reanimating land-water interfaces and associated habitats using Integrated Constructed Wetlands

Presenter: Rory Harrington, VESI Environmental Ltd, Ireland

Date & Time: Wednesday, 17 February 2016, 9:00am–4:00pm

Venue: Lecture Room S.1.05, Hillcrest Road, University of Waikato, Hamilton ([S Block Map](#))

Cost & Registration: \$50 (to cover catering and admin costs). Lunch & morning/afternoon tea provided
Please register by 12 February 2016 at:
<https://workshop-for-integrated-constructed-wetlands.lilregie.com>

Background: Recent government freshwater reforms aim to improve how freshwater is managed in New Zealand. For example the NPS-FM 2014 requires councils to include mechanisms in regional plans to allow freshwater quality objectives to be met. These may include “edge-of-field” mitigations such as constructed wetlands, and larger multi-landowner mitigations such as Integrated Constructed Wetlands (ICWs). ICWs involve the reanimation (restoration) of wetlands to treat point and diffuse sources of polluted water while delivering on extensive biodiversity, cultural, aesthetic, and recreational values at local and catchment scales. We are lucky to have Dr Rory Harrington (Ireland), founder of the ICW concept, visit New Zealand in mid-February 2016 and present a seminar/workshop on ICWs, and how they might be applied to New Zealand situations.

The presentation will cover 30 years of engagement in land and water management including:

- Towards coherent land, water (and air) management
- Ecological reanimation and restoration
- Integrating social, economic, environmental, and cultural needs
- Creativity, innovation and entrepreneurship... asking... what if?
- Some ICW examples, performance, and opportunities
- Understanding how society engages/might engage in innovative land and water management
- How a collaborative network might be developed towards applying the concept



ICW: Dunhill Catchment, Ireland



Organisers: Bev Clarkson (bev@landcareresearch.co.nz) and Dave Campbell (davec@waikato.ac.nz)

Biography: Rory Harrington BAgSc (Hons), MFS, PhD



A graduate of University College Dublin and Yale University, Rory Harrington currently works for VESI Environmental Ltd. He was formerly Senior Resident Engineer with Waterford County Council, Senior Scientist at the Department of Environment, Community and Local Government, and Senior Scientist/Divisional Manager in the National Parks and Wildlife Service.

His formal education has been in agriculture, forestry, the economics and social aspects of land-use, genetics, evolutionary biology, and ecosystem dynamics/function.

He has a keen working interest in developing new paradigms and innovative approaches to sustainable environmental management.

He has been a pioneer in the science and management of deer, agro-forestry and over the past 25 years, he has pioneered the “Integrated Constructed Wetland” (ICW) concept. His interest in land and water management includes collaborative and multi-disciplinary involvement in Ireland and numerous other countries.