

# 15th International Conference on

# Diffuse Pollution & Eutrophication

A 3rd update on what to expect at DIPCON2011 - Rotorua Energy Events Centre, New Zealand 18-23rd September 2011 - [www.dipcon2011.org](http://www.dipcon2011.org)

Issue 3, May 2011

**Wetlands symposium**  
*The full programme for this OECD CRP-sponsored workshop is on the website.*

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**Abstract reviews**  
*Abstract submission has now closed. We give information to authors on 'what happens next.'*



**Young Water Professionals**  
*A special programme catering for YWPs and students including social events, Zumba, and mentoring. Professors - bring your students!*

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**Keynote addresses**



*Be informed on NZ and international policies on diffuse pollution with keynotes from Jan Wright and Kevin Parris*

**Water Quality Trading**  
*We outline what you will learn in the third in this series of workshops organised by the IWA Specialist Group on Diffuse Pollution*

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**Post-conference tour**  
*For overseas delegates short on time, we offer this 4 day post-conference tour to one of the most scenic parts of New Zealand*



## Abstracts

*The portal for submitting abstracts on the DIPCON2011 website has now closed. Nearly 200 submissions have been received (excluding workshop papers) from 27 countries. The review teams organised by the theme chairs are now reviewing abstracts.*

Abstracts have been received from:

Australia, Austria, Brazil, Canada, China, Czech Republic, Finland, France, Germany, India, Iran, Ireland, Italy, Japan, Korea, Mexico, Netherlands, New Zealand, Nigeria, Romania, Sweden, Switzerland, Thailand, Turkey, United Kingdom, and the United States.

About 150 authors requested 'oral' papers and there are places in the programme for ~60. We remind authors that DIPCON2011 regard poster papers as equivalent to oral presentations. We will have dedicated sessions for poster papers, which will provide more time for discussion with authors than can be provided in the platform presentations.

### What happens next?

The review teams and theme chairs will report back to the Programme Coordinator by the end of May. Authors will be notified whether their paper has been accepted for the conference as



Get up close and personal with New Zealand's water quality on the 'alternative' field trip

soon as possible after that, and by 15 June at the latest. Authors whose contributions are chosen for poster or oral presentation will be invited to submit a full length paper before July, 15 2011, for (informal) publication in the conference proceedings. Some authors may choose not to publish a full length paper in the proceedings, and the default is that the extended abstract will be included in the proceedings.

### Publication

The programme team will invite the authors of selected papers to submit full length papers for submission to either *Water Science and Technology*

or *Marine and Freshwater Research* after the conference. It is not necessary to provide a full paper for the conference proceedings to have your paper published in one of the above journals. Papers will be selected on merit based on the usual criteria for scientific publications.

## Field trips

*Field trips will take place on Wednesday 21st September. We offer 3 separate field trips, details of which are on the website at:*

<http://on-cue.co.nz/dipcon/field%20trips.html>

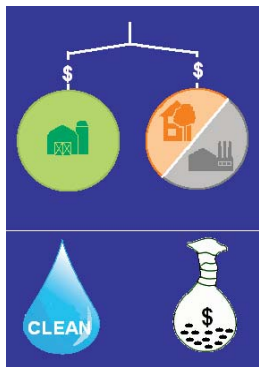
Delegates are asked to indicate which field trip they will be attending when registering for the conference. The field trips are:

**Best management practices: Waikato River and Lake Taupo** - sponsored by Environment Waikato

**Land use and lake water quality in the Rotorua lakes** - Sponsored by Environment Bay of Plenty

And, for the adventurous we offer an alternative to 'traditional' field trips:

**The Kaituna River Rafting Trip**



## Keynote addresses

In this issue, we highlight 2 keynote speakers who will 'set the scene' for the conference.

**Dr Jan Wright** has a multidisciplinary background with a Physics degree from Canterbury, NZ, a Masters degree in Energy and Resources from Berkeley in California, and a PhD in Public Policy from Harvard. In the last year she has released reports on four major investigations – mining on conservation land, a strategic approach to biofuels, state of the environment reporting and, most recently, the greenhouse gases associated with large scale use of lignite. Dr Wright will provide an overview on diffuse pollution issues in New Zealand.

**Dr Kevin Parris** from the OECD Trade and Agriculture directorate in Paris gave the closing address at DIPCON2010 in Quebec. By popular acclaim he returns to address DIPCON2011 on the path governments might take to move agriculture onto a more sustainable path to minimise water pollution. This includes the reform of the current mix of policy instruments, such as enforcing compliance with regulation to control pollution and removing perverse incentives to production which can provoke pollution. In addition, the paper examines new policy opportunities and market approaches to address water pollution in agriculture, that some OECD countries are beginning to undertake. These include using water quality trading for nutrient pollution; developing cooperative agreements between farmers and water supply utilities to lower pollution; and, encouraging integrated water catchment management so that all stakeholders can manage pollution together.

## Wetlands workshop

The workshop on "Bringing Together Science and Policy to Protect and Enhance Wetland Ecosystem Services in Agricultural Landscapes" sponsored by the OECD cooperative Research Programme will run all day on Thursday 22nd September

The OECD sponsorship has allowed top international researchers in this field to attend the symposium. The complete programme for the symposium is now on the website at <http://on-cue.co.nz/dipcon/Wetlands%20Symposium.html>

## Water Quality Trading Workshop

The third and final in a series of workshops on this topic which started at Belo Horizonte (Brazil), continued in Quebec (Canada) and will culminate in the Rotorua Declaration!

This workshop will be jointly chaired by Ray Earle, former Diffuse Pollution Specialist Group Chair and Dublin City Council, and Sean Blacklocke, Environmental Consultant, Dublin, Ireland.

Two leading experts on water quality trading will provide introductory case studies following which the workshop will address the following issues:

- What types of permitting or licensing systems have proven the best for experimentation with water quality trading?
- How can dischargers buy and sell essentially provisional discharge 'rights' in legal environments that gives ownership of the water body, and its associated uses, to the public at large?
- In cases in which a seller of water quality credits (e.g., a farmer that receives money for implementing a BMP fails to deliver on the commitment made with a credit buyer (e.g., a municipality that pays to forego a treatment plant upgrade proposed by a regulator), to which party will penalties be imposed?
- If contraventions of ambient water quality standards result in damage, nuisance, etc. to other water users, which party is liable in civil courts?
- To what extent should cost savings arising from reallocations of pollution control responsibilities be used to cover the transaction costs (e.g., additional monitoring and modelling, cost-effectiveness analysis, etc.) associated with water quality trading?
- To what extent should trading ratios be applied to account for how different discharges affect water-quality-limited stream segments? Should we apply a safety margin to water quality trading ratios to account for uncertainty in modelling predictions?

## Post-conference tour

For overseas delegates short on time, we offer this 4 day post-conference tour to one of the most scenic parts of New Zealand

Participants in this optional tour fly from Rotorua to Queenstown on Saturday 24th September. The tour includes Lakes Te Anau, Manapouri, and Wakatipu as well Doubtful Sound where wildlife sightings are common.

Details and costs are on the website at:

<http://dipcon2011.org/Post%20Conference%20Tour.html>

## Young Water Professionals

Our YWP coordinator has left no stone unturned in her efforts to make sure YWPs remember this conference for years to come. There are special social events (pub quiz, pub nights), fitness workouts (Zumba), and field trips (whitewater rafting) all designed for the young, and young at heart. We will also be offering a mentoring programme whereby a YWP is paired with an experienced water professional who works in their area of interest. Anyone willing to mentor YWPs should indicate this on the conference registration form. Similarly, YWPs wishing to be mentored should indicate this on their registration form, along with their area of scientific interest.

Details of the YWP programme are on the website:

<http://on-cue.co.nz/dipcon/Young%20Water%20Professionals%20%20Students.html>

## Registration and accommodation

Thinking of attending DIPCON2011? Early bird registration closes on 15 June. After that date fee in all categories increase NZ\$200.

We have arranged a range of accommodation options from 4 star hotels to backpacker accommodation at NZ\$ 26 per night. See:

<http://on-cue.co.nz/dipcon/accommodation.html>

We will be providing a shuttle bus each morning and evening in case of wet weather.