

Connecting waterway monitoring to policy, planning and management outcomes



Do you want to:

- ✓ Improve your understanding of SEQ freshwater, estuarine and marine monitoring programs? (*Session 1*)
- ✓ Understand how these programs can contribute to your work in policy, planning and management of aquatic ecosystems? (*Session 1*)
- ✓ Improve your understanding of the Freshwater EHMP methods for using macroinvertebrates and fish in ecological assessment? (*Session 2*)

Then come along to this training workshop hosted by Moreton Bay Regional Council and the Aquatic Ecosystem Health Learning & Development Team from the Department of Environment & Resource Management (DERM).

When: Thursday 11th February 2010

Session 1: Connecting monitoring to policy, planning & management outcomes, 8:45 – 11:00am

Session 2: Freshwater EHMP methods for using macroinvertebrates and fish in ecological assessment, 11:20 – 5:00pm

Where: Caboolture Region Environmental Education Centre (CREEC)
150 Rowley Road, Burpengary (UBD ref 67 M14)

(See link <http://www.moretonbay.qld.gov.au/uploadedFiles/common/forms/environment/CREEC-Brochure.pdf>)

Who: Representatives involved in policy, planning, management and monitoring of SEQ waterways, including officers from:

- SEQ Catchments
- SEQ Water
- SEQ local governments
- SEQ industry- and community-based groups (including *Waterwatch*)

Morning tea, lunch and afternoon tea will be provided

Session 1 places limited to 50 participants. Session 2 places limited to 15 participants. Confirm your attendance and dietary requirements by 1st February 2010. Please direct enquiries and RSVP to:

Sherridan.Rosewarne@derm.qld.gov.au

phone (07) 3362 9384

Program

SESSION 1 - Connecting waterway monitoring to policy, planning and management outcomes

9:00 Introduction, welcome and objectives

9:20 Overview of DERM freshwater, estuarine and marine monitoring in SEQ and their connection to local and state policy, planning and management outcomes

(Dr Dave Rissik, Chief Scientist Water Quality & Aquatic Ecosystem Health, DERM)

9:50 Case study: Moreton Bay Regional Council's bio-monitoring approach

(Rainer Haase, Coordinator Monitoring & Reporting Environmental Services, Moreton Bay Regional Council)

10:20 Overview of the SEQ Healthy Waterways Freshwater Ecosystem Health Monitoring Program (EHMP)

(David Moffatt, Senior Scientist Aquatic Ecosystem Health, DERM)

11:00 Morning tea

SESSION 2 - Freshwater EHMP methods for using macroinvertebrates and fish in ecological assessment

11:20 Part 2 - Introduction & objectives

11:35 Effects of exotic fish on SEQ waterways

11:50 EHMP macroinvertebrate and fish sampling, processing, analyses and field safety

12:30 Basic techniques for macroinvertebrate identification

12:50 Macroinvertebrate taxa and fish species in Burpengary Creek

13:20 Lunch

14:00 Demonstrations and application of sampling methods & live picking techniques

16:00 Questions, discussion and review: how to make use of this data

16:30 Feedback on training workshop

16:45 Afternoon tea & close

Note: the above program may be subject to change.