



Stormwater

INDUSTRY ASSOCIATION
OF QUEENSLAND INC.
IA. 173 66

Proudly Presents
**Potential Climate Change Impacts
on Terrestrial Ecosystems and Waterway Health**

18 September 2008

**Presented by:
Ian Joliffe**

Manager Business Improvement, Principal Water Engineer
GHD

Presentation Overview

We are all familiar with the regularly discussed climate change issues of a rising sea level changed rainfall patterns as the relate to flooding and impacts on urban populations. While these issues will be important in respect to terrestrial ecosystems and waterway health at some locations there will also be effects on the stream health from the less obvious effects of potential changes in:

- annual runoff volumes;
- changed runoff regimes and event characteristics;
- modified tidal extents into waterways;
- geomorphologic response of waterways to changed flow regimes; and
- vegetation response to changed climatic and flow conditions; and
- stream temperature.

The presentation will consider these effects to infer how streams and riparian ecosystems may respond to projected climate change impacts.

Ian Joliffe

Dr Joliffe has over 30 years experience in a broad range of engineering and eco-engineering projects and has been involved in many of the early studies and designs that have been completed in relation to improved usage of waterways and then the integration of riparian ecology considerations with flood conveyance and flood control measures. Some of the early projects of significance that he has been involved with have included urban development studies for North Western Sydney taking an integrated approach to the consideration of soil salinity, waterway geomorphologic/hydraulic design and function as well as recreation uses; design of fauna friendly detention basin walls and reconstruction of several natural urban waterways in developed areas.

Registration Form on following page



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INDUSTRY ASSOCIATION
OF QUEENSLAND INC.
IA. 173 66

PO Box 2100
Fortitude Valley BC
Qld 4006
Phone: 07 3000 2116
Fax: 07 3257 2392

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**Potential Climate Change Impacts
on Terrestrial Ecosystems
and Waterway Health**

18 September 08

Programme **5.45 pm Registration**
 6:15 pm Dinner
 7.00 pm Presentation

To be held at The Greek Club & Convention Centre, Edmonstone St, West End

Please note—Registrations cannot be accepted after 10am on 15 September 2008 – fax to 3257 2392

1st Registrant

Name:

2nd Registrant

Name:

3rd Registrant

Name:

4th Registrant

Name:

Company: Contact:

Address:

Tel: () Fax: ()

E-Mail:

(We would appreciate your e-mail address so that we can forward correspondence to you electronically in future)

I am paying by Cheque Purchase order Mastercard Visa Amex Diners

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Valid until: / 20.....

Name:
as appears on credit card

Card holders Signature:

Registration Fees

This payment is for persons at \$55.00 per head for non-members (\$10 day membership included)

This payment is for persons at \$45.00 per head for SIA members

This payment is for persons at \$35.00 per head for students

TOTAL \$ _____

Please make cheques payable to: Stormwater Industry Association (Qld) Inc

Enquiries phone Carolyn Hick on (07) 3000 2116, fax (07) 3257 2392 or e-mail at: siagld@stormwater.asn.au

Please notify your Registration by 10am 15 September 2008

Stormwater Industry Association Qld Inc., PO Box 2100, Fortitude Valley BC, Qld 4006

Cancellations must be notified no later than two (2) days before the event otherwise registration fees will be charged.