Stormwater Industry Association of Queensland Inc

ABN 49 031 103 834 / IA 173 66

Technical Event - Thursday, 29th July 2010

IFD Estimates - Evolving to Meet Changing User Needs and Emerging Science

Janice Green - Supervising Hydrologist
Water Division, Bureau of Meteorology

Urban Hotel - 345 Wickham Terrace, Brisbane
Panorama Room (Level 10)

Complimentary Canapés and Cash Bar 5.00 pm - 6.00 pm
Technical Event Presentation 6.00 pm - 7.00 pm

Presentation Overview

The current Intensity-Frequency-Duration (IFD) estimates for Australia were developed by the Bureau of Meteorology over 20 years ago, using a database that was comprised mainly of information from the Bureau's network of daily read and pluviograph stations, and adopting techniques for the statistical analysis of the data that were considered appropriate at the time. The focus of the IFDs was the design of structures on relatively large rural catchments and therefore durations of less than one hour were not considered necessary.

In the intervening time, considerable advances have been made in the techniques available for the analysis of the data, the mapping of the regionalised data, and the dissemination of the IFD information. Further, the requirements of the end-users have changed with a significant shift in focus to urban design on small catchments necessitating the provision of IFD estimates for durations as short as one minute.

The presentation will provide an overview of the revision of the IFD estimates currently being undertaken by the Bureau of Meteorology which is adopting 'state of the science' methods and addressing the changing needs of users.

About the Presenter

Janice Green is a Supervising Hydrologist in the Bureau of Meteorology's Water Division and has 25 years experience in hydrology, hydraulics, and water resource management in Australia, India and Asia.

Her main area of expertise is in the estimation of extreme rainfalls and floods. In addition to undertaking extreme rainfall and flood analyses, she has been influential in the development of new methods and guidelines associated with their application.

She is currently project manager of the Bureau's revision of the Intensity-Frequency-Duration Estimates across Australia.

SIA QLD Technical Event — REGISTRATION FORM
Thursday, 29th July 2010

IFD Estimates - Evolving to Meet Changing User Needs and Emerging Science

Presenter: Janice Green - Supervising Hydrologist. Water Division, Bureau of Meteorology

Welcome Canapés from 5.00 pm - 6.00 pm
Technical Event Presentation from 6.00 pm - 7.00 pm

Technical Event to be held in the Panorama Room (10th Floor)
Urban Hotel Brisbane - 345 Wickham Terrace, Brisbane

FAX REGISTRATION FORM TO - 02 9747 8366

Company: _____

Contact Name: _____

Address: _____

Suburb: _____ State: _____ Postcode: _____

Tel: (____)_____ Fax: (____) _____ Mobile: (____) _____

E-Mail: _____ ❑ Yes, I wish to receive mail-outs
(We would appreciate your e-mail address so that we can forward correspondence to you electronically)

1st Registrant Name: _____Position: _____

2nd Registrant Name: _____ Position: _____

3rd Registrant Name: _____ Position: _____

4th Registrant Name: _____ Position: _____

Industry Sector: _____

Registration Fees

This payment is for _____ (no.) persons at $65.00 per head for non-members ($10 day membership included)

This payment is for _____ (no.) persons at $55.00 per head for SIA members

This payment is for _____ (no.) persons at $40.00 per head for students

Payment

☐ Cheque (Please make cheques payable to: **Stormwater Industry Association (Qld) Inc**)
☐ Purchase order ☐ MasterCard ☐ Visa ☐ Amex

Name on Card: _____ Signature: _____

Credit Card Expiry: ____/____ Total Due: _____

Please Note: If you register after the cut-off date of 26th July, 2010, there will be a late fee of $10
Cancellations must be notified no later than five (5) working days before the event otherwise the full registration fees will be charged.

Enquiries: phone Michelle Glasson on Deb Hudnall on 02 9744 5252 or e-mail siaqevents@stormwater.asn.au
Stormwater Industry Association Qld Inc., PO Box 1221, Burwood, NSW 1805