



Australasian Chapter

Newsletter

IECA (Australasia) Presidents Report.

Michael Frankcombe

I have once again been fortunate enough to attend the IECA Conference and Trade Exposition in the USA. This year it was called ECO4 and was held in Philadelphia. The ECO4 theme reflected IECA's plan of forming strategic relationships with other professional environmental organisations. Many of those organisations were represented at the conference.

Approximately 1700 people attended ECO4 (not bad considering IECA has around 2400 members world wide). The numbers were a little down on Los Vegas last year but more than Orlando in 2002. ECO5 will be in Dallas, Texas which will be a blast.

Every year the USA conference has a greater international focus. At the international breakfast it was exciting to meet IECA members from South Africa, India, Singapore, Italy, New Zealand, South America and China. I was fortunate to spend time with the Singapore members discussing erosion and sediment control standards and legislation. The Singapore members are very keen to set up a chapter and introduce the CPESC program to their country.

ECO4 had the traditional Hyd-rodeo event although this year because it was held indoors it was called the Colonial E Rodeo (the Marriott didn't like the idea of a bunch of hillbillies spraying hydro-seeding equipment inside their convention centre!). Neil Taylor from Treemax in Melbourne and I took out one of the events and our prize was one of Mike Harding's famous belt buckles. Now I have something to wear if I ever go to Tamworth for the country music festival!

ECO4 spelled the end for Ed Steins rein as IECA President. Ed held the position for two years. His leadership and contribution to IECA will be sadly

missed. My USA IECA friends may be forgiven for thinking that 2004 will be remembered as the year that the Aussies took over the IECA board. Ex IECA (Australasia) President and current board member Doug Wimble was elected President. Bill Leggatt retained his position as honorary board member and I was elected to the position of Technical Vice President.

Doug is the first non USA person to be elected to the President's position – pretty amazing really. I think Doug's election will result in a change in direction for IECA and a activities. A key component of this change of direction will be the development of a Strategic Plan for IECA with clear goals and measurable performance indicators. The Plan is a combination of work by IECA staff, particularly Ben Northcutt and Jill Altman, a team of IECA members from around the world (the "FAST" team) and the IECA Board. The Strategic Plan is expected to be completed by the July 2004 board meeting.

Time is fast approaching to mark the date for our Australasian conference. This year we are running a conference with ISCO. It will be held at the Brisbane Expo Centre from 4 – 9 July. Our collaboration with ISCO this year will bring a much greater international focus to our conference. Further it will allow our members to experience a different segment of our industry, including leaders in erosion and sediment control research but still with a practical focus that is a fundamental component of all our events.

I look forward to seeing you in Brisbane in July.

Michael Frankcombe
IECA (Australasia) President.

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IECA (AUSTRALASIA) AGM

THURSDAY 8 JULY 2004.

BRISBANE CONVENTION AND EXHIBITION CENTRE, BRISBANE.



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2004 Chapter Board and Chapter Committees.

IECA (Australasia) Board.

IECA (Australasia) would like to congratulate Tim Duckett, Bill Gardyne and Bill Leggatt on their appointment as Directors to the IECA (Australasia) Board. Tim, Bill Gardyne and Bill Leggatt have been appointed for a 3 year term. Bill Leggatt has had a number of years on the Board and has been reappointed, Bill Gardyne has spent 1 year on the Board and has also been reappointed. Tim Duckett brings some fresh blood to the Board and it is great to see some Tasmanian representation. Tim will be replacing Rick Morse. Rick has decided not to re-nominate for the board.

Ricks involvement in the Board will be sadly missed. He and Doug Wimble founded our chapter back in 1993. It would be fair to say Rick is one of Australia's leading soil and water management professionals. His influence and leadership, particularly in NSW is without question. IECA (Australasia) would like to thank Rick for his tireless input and contribution to the Association.

Michael Frankcombe has been re-elected as Chapter President, Bill Gardyne as Vice President and Brendan Swifte re-elected as Secretary. Marijke Morse has once again taken on the role as Treasurer. Congratulations to all and thank you in advance for your

efforts. Thank-you to Graeme Ridley for his efforts as vice-president over the last few years. Graeme did not re-nominate for the position.

Chapter Committees:

IECA(Australasia) have a number of committees which are listed below. Current committee members are also listed and a short over view of what each committee does. All Chapter members are eligible to be part of any committee. If you would like to



become involved please contact Sandra Lanz, the Communications Officer on email: slanz@austieca.com.au or call +61 2 4677 0901.

Conference Committee:

Be part of the organising committee for the Chapters annual conference. Liaise with the organising committee regarding venue, conference structure, speakers, promotion, sponsorship, attend committee meetings, report back to the IECA (Australasia) Board as to conference progress. A conference secretariat is usually appointed to follow through on the organising committee's decisions.

Current Conference Committee members are:

Rick Morse, Bill Gardyne

CPESC Committee:

It is the job of the CPESC committee to finalise the Roads & Urban elective exams. The committee also needs to prepare information to be posted on the website and be available to all candidates as to the content and structure of the exam. The committee members are also the contact persons for those wishing to undertake the CPESC.

Current CPESC Committee members are:

Michael Frankcombe, Rick Morse (advisory capacity).

Education Committee:

The aim of the Education Committee is to establish national erosion and sediment control criteria. This is in

the form of providing a standardised training product. The committee also facilitates seminar organisation and needs to develop a task checklist for seminar

Current Education Committee members:

Tim Duckett, Bill Gardyne, Michael Frankcombe

Newsletter Committee:

Assist with editing the Newsletter. Help source articles, case studies for the Newsletter and sponsorship. Three newsletters are published per year.

Current committee:

Michael Frankcombe, Bill Leggatt

The Communications Officer is involved with all committees.

Doug Wimble elected as IECA President.



Australia's Doug Wimble has been elected IECA President

Doug Wimble, Managing

Director of Spraygrass Landscapes Australia, was elected to the presidency of the International Erosion Control Association (IECA) at the

34th Annual Conference and Exposition in Philadelphia, PA on Feb. 15th. Doug is a long time member and leader of IECA having first attended their technical conferences in 1981.

He was instrumental in starting the Australasian Chapter, IECA's very first non-US Chapter, and served six years as the Chapter's president, he is still an active member of the Board of Directors.

He has served IECA as an International Director, and member of the

IECA Board, and as the IECA International Vice-President. By his election, Doug becomes IECA's first non US resident to be president.

As one of his goals for IECA during his term as president, Doug hopes to see tremendous international growth and understanding of the problems caused by erosion.

Congratulations to you Doug, from all of us in the Australasian Chapter.

New Detention Basin Controls Industrial Development Run-off

Article supplied by Maccaferri Pty Ltd

A large turf farm in Capalaba in south-east Queensland was re-developed into an industrial estate, with its catchment area discharging into the adjacent Coolnwynpin Creek.

The re-development of the site increased the percentage of hard surfaces, leading to an increase in run-off during storm events. To ensure post-development discharge conditions were compatible with pre-development conditions, a detention basin was designed using wire mesh gabions and Reno mattresses.

The detention basin was con-



structed using approximately 1,900m³ of gabions and 300m² of Reno mattresses. The units were laced together to form structures to dissipate the energy and shape the flow through the detention basin.

The main functions of the detention basin are to allow sedimentation and stormwater detention, as well as minimizing any disturbances to the hydraulic and environmental equilibrium downstream.

The use of gabions and Reno mattresses in hydraulic applications is growing, due to the ease and flexibility of construction, robust nature and their ability to withstand significant velocities. The versatility of gabions and Reno mattresses in offering new and creative bio-engineering solutions is increasing the use of such structures.

A word from the newly elected IECA President - Doug Wimble

As Gough Whitlam said 22 years ago – “It’s Time”. In this case it’s my time and I am indebted to those who took the time to vote me back onto the Board for another 3 year term. Without this support I could not have made it. Though the election of President was a Board matter I had to get there first. Many thanks to you all.

The question is what it means to me and to the IECA both internationally and at our Chapter level?

Firstly the ideas and directions are the same no matter where you are. It is my intention to promote membership by establishing who

we are, what we are, and what we have to offer. Principally we are involved in education and training and this should be our immediate direction. We must also strive to make membership affordable, increase revenue within the Chapter by way of seminars and training courses and keep costs down.

We as a Chapter are 10 years old and the question is where will we be in 10 years from now. The answer lies with you, the members, so use your influence and knowledge to not only gain new members but also put as much into the IECA as you hope to get out of it.

New Technology in E&SC.

IECA (Australasia) are running a number of seminars in NSW related to the release of the revised “Blue Book”.

The first will be held as part of CivEnEx2004 on Thurs 27th May. For more information visit www.austieca.com.au or email: admin@austieca.com.au

Are you paying too much for health insurance?

As a member / subscriber to IECA (Australasia) you are entitled to “The Executive Health Package” from DRUIDS Friendly Society.

For more information contact Sandra at the IECA(Aust) office or Sue Ioannidis from Druids, email: sue.ioannidis@druids.com.au, Ph: 1800 08 684

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International Erosion Control Association

We're on the web!
www.austieca.com.au

2004 IECA (Australasia) Board and Committee Members.

Michael Frankcombe

President and Chair CPESC committee,
Education committee.
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Bill Gardyne

Vice-President, ISCO conference organising
committee, Education committee
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Brendan Swifte

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Neil Boland

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Tim Duckett

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Marijke Morse

Treasurer, mmorse@austieca.com.au

Ian Kiernan, OA, OAM

Patron

Sandra Lanz

Communications Officer,
slanz@austieca.com.au

Presidents Technical Tip - Sediment Basins Michael Frankcombe CPESC.

Description:

An earthen pond with a stabilised inlet, pipe outlet with a riser and an emergency spillway whose function is to contain coarse and fine sediments. They tend to be permanent structures. The riser pipe has a filter arrangement to allow dewatering of the basin with-

ment behind. A wet basin is similar but it does not have the discharge pipe. Wet basins rely on a flocculant such as gypsum to settle out the suspended sediment.

Application:

Sediment basins tend to be

for dispersive or high clay soils. Wet basins rely on flocculants to settle out suspended particles.

Design/Construction Aspects:

Sediment basins require detailed engineering design. Refer to NSW Dept



out allowing trapped sediment to discharge to the receiving environment. Flocculants may also be used to settle out suspended sediments. The two main types are a dry basin and wet basin. The one pictured above is a dry basin. The riser pipe allows water to be removed leaving the sedi-

ment behind. Wet basins are used for dispersive or high clay soils. Wet basins rely on flocculants to settle out suspended particles. They should not however, be the only control measure in the system. Dry basins are used for coarse grained soils whereby suspended particles use gravity to "settle out". Wet basins are used

of Housing publication *Managing Urban Stormwater - Soils and Construction* (the "Blue Book") or Institution of Engineers *Soil Erosion and Sediment Control, Engineering Guidelines for Queensland Construction Sites* (The "White Book") for design and construction details.

Coming Events

CivEnEx, Sydney, May 26-27.
Sydney Show Grounds.
www.civenex.com,

Dispersive Soil Management in Urban Environments. Half day symposium, 10 June 2004, Hobart, Tas. Ph: 03 6231 5474, email: tduckett@lmrs.com.au

9th Annual National Water Conference 2004, 16 - 18 June, Melbourne Convention Centre, www.terrapinn.com/2004/waterx

Primex 2004, 17 - 19 June 2004, Casino, NSW, www.primexfielddays.com.au

5th Australian Workshop on Native Seed Biology, 21-23 June 2004, Brisbane, www.acmer.com.au

ISCO 2004, 13th International Soil Conservation Organisation Conference, 4-9 July, 2004, Brisbane, www.isco2004.org, Co-hosted by IECA (Australasia) and ASSSI.

Gardening Australia, 2 - 5 Sept 2004, Sydney Showground. www.gardeningaustralia.com.au

International conference on ECO-ENGINEERING: "the use of vegetation to improve slope

stability", Thessaloniki, Greece, 13 - 17 Sept, 2004. www.ecoslopes.com.

LoGov Exp 2004, 6 - 7 Oct, Logan City Qld, www.logov.net

GreenX 2004, 28 - 30 October Sandown Racecourse, Melbourne. www.greenx.com.au

Pollutec China 2004, 3-5 Nov, 2004, www.pllutec-china.com

WSUD2004, Cities as Catchments, 21 - 25 November 2004. Adelaide, Australia. www.plevin.com.au/WSUD2004