

INSTITUTE PARTNERS



REGIONAL PARTNERS



NATIONAL BRONZE SUSTAINING PARTNER
ENGINEERING & MINE SURVEYING COMMISSION



UPCOMING EVENT:

HYDROGRAPHY COMMISSION SEMINAR - “HYDROGRAPHY – WORKING WITH NATURE”

The Surveying and Spatial Sciences Institute in conjunction with the Australasian Hydrographic Society will be holding a major hydrography event to be held on **15th February 2018**.

Nature is easy to deal with on land but complex in a maritime environment. If you're a land surveyor, engineer, project manager, survey data end user, then this seminar is right for you.

Understand how your inland, coastal, near and off shore data is influenced by the environment, the methods employed to gather and process based upon Nature's influences and surveying to monitor nature. ***Why you can't always get what you want and what you should really be asking for.***

On the day, there will also be a great opportunity for an Open Forum. The Nation is embarking on a never before seen expanded hydrographic survey and geospatial data collection activity. For the hydrographic surveying, you need to know hydrographic surveying and therefore certified hydrographic surveyors are key to the implementation. With a base knowledge in land surveying or an allied survey discipline, you could become a certified hydrographic surveyor and participate in this billion dollar activity through to 2024 and beyond.

Come and discuss your pathways with the Certification Panel and SSSI Hydrography Commission Committee.

Special guests include:

- Australasian Hydrographic Surveyors Certification Panel (AHSCP)
- New Hydrographer of Australia –Commodore (CDRE) Fiona Freeman, RAN
- National Hydrography Commission Committee

Please see following programme for all presentation details.

The topic for this event is “**Hydrography – Working with Nature**”, however explores other components such as:

- The boat master / coxswain and how surveying in different environments and weather conditions operations change.
- How nature changes the way we use and construct equipment.
- The complexities of surveying one of the most dynamic rivers in the world the Irrawaddy – capacity building for a changing environment.

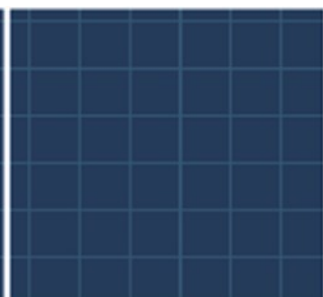
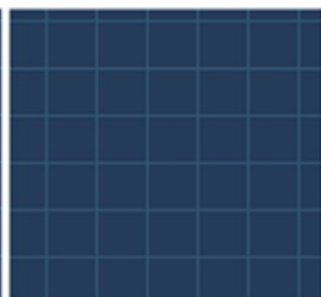
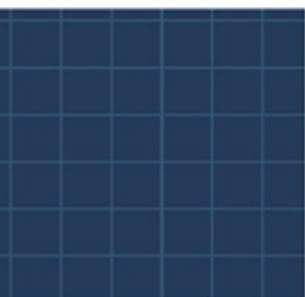
Other highlights of this event are:

- The award for Hydrographic Excellence will be presented at the seminar.

HYDROGRAPHY COMMISSION PARTNERS



Department of Environment & Science





PROVISIONAL PROGRAM

When:

Thursday, 15 February
From 9am to 5pm
Sundowner 5-6pm

Venue:

The University Club,
Hackett Drive, Crawley

Cost:

**\$125 SSSI/AHS Members &
Sustaining Partner Employees**
\$175 Non-Members
\$60 Fellows & Retired
\$35 Students

RSVP:

Please register via
Eventbrite no later than
Tuesday, 13 February 2018

CPD Points:

7 points

9.00-9.15am REGISTRATION

SESSION 1

9.15-9.20 am WELCOME TO EVENT - *Richard Cullen, Chair of SSSI Hydrography Commission*

9.20-9.50 am IHO Standards for Hydrographic Surveyors (S44) – Changing technology, changing data uses, changing specifications - *Simon Ironside*

9.50-10.10 am Hydrographic Industry Partnership Program (HIPP) - *CDRE Fiona Freeman, RAN*

10.10-10.25 am Hydrographic Surveying with Nature and the Importance of Certification, Mentorship, Training - *Richard Cullen*

10.25-10.55 am OPEN FORUM - AHSCP / Hydrography Commission Committee

10.55-11.15 am Morning Tea Break

SESSION 2

11.15-11.40 am Capacity building survey teams for one of Nature's most dynamic rivers – A World Bank project on the Irrawaddy, Myanmar (Burma) - *Richard Cullen*

11.40-12.00 pm Elevation and Depth 2030 - *Graham Hammond, Geoscience Australia/ Lesley Arnold, Director - Geospatial Frameworks*

12.00-12.20pm GDA2020: Are You Ready - *Linda Morgan, Geodesy and Spatial Information Consultant - LMGeospatial*

12.20-12.50 pm Hydrography in Coastal Engineering - *Celine Roux*

12.50-1.00 pm Discussion

1.00-1.30 pm Lunch Break

SESSION 3

1.30-1.45 pm Hydrographic Excellence Award Presentation - *Award Committee Chair*

1.45-2.10 pm Straits of Magellan Survey Challenges - Environment, Culture and Client - *Phil Wells, AHS*

2.10-2.40 pm "Ichthys – Challenging Nature" - *Chris Kennedy, McDermott and Cass Castalanelli, Scope Resources*

2.40-3.00 pm Vessel Management Systems for the Ichthys and Prelude Installations – *James McCawley*

3.00-3.10 pm Discussion

3.10-3.25 pm Afternoon Tea Break

SESSION 4

3.25-3.55 pm Find AE1 – World War 1 Submarine – Missing for over 103 years with all 35 lives on board lost - *Barry Clifford, Fugro*

3.55-4.25 pm Cloud Based Processing and Delivery Platform of Subsea Survey Data - *Pawel Michalek, Fugro Roames*

4.25-4.35 pm C-worker5 ASV - *Cory Brooks, Western Advance*

4.35-4.45 pm Immersive Virtualisation Headset Technology - *Adam Lowry, 3DAtDepth*

4.45-5.00 pm Discussion

5.00-6.00 pm SUNDOWNER

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SUNDOWNER SPONSOR:



BOOKING:

[CLICK HERE TO BOOK YOUR PLACE](#)

Or copy this link to your browser: <https://www.eventbrite.com.au/e/hydrography-seminar-working-with-nature-tickets-42223695209>

Key Contacts:

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Payment & Cancellation Policy: All amounts are in AUD and include GST. Payments by cash will not be accepted for events. Payment terms of 7 days net are applicable to all event invoices. At least 48 hours notice is required in writing to the Events Coordinator in order to cancel an event registration. Refunds are not permitted for non-attendance to events unless 48 hours notice has been provided.

Alliance Rates: This is available only for those staff of current SSSI Sustaining Partners (for regional events, only to that Region's Sustaining Partners) and to those attendees who are members of organisations with an agreed alliance with SSSI (Eg/ ISNSW). Please contact the Events Coordinator for more information. Alliance Rate attendees will be asked for proof of identification.