This one-day course explains offshore geology, geohazards and geotechnical engineering, adopting a holistic approach to show how they interact and how an improved understanding of all three disciplines can lead to optimised infrastructure solutions.

Aspects of shallow foundations, deep foundations, anchors and pipelines will be described, illustrated with numerous case histories, showing how different geological environments ranging from shallow water through to deep water can impact the collection of site characterisation data and infrastructure design concepts.

The course will explain what can be achieved using different site characterisation techniques (geophysics, geotechnical investigation and laboratory testing) and how an integrated ground model can be used to reduce risk and increase value.

Programme Includes:

- **Setting the scene:**
  - Geotechnical overview of developments on the North West Shelf of Australia
  - Importance of geohazards and geotechnics
- **Design philosophy and design for installation:**
  - Project timelines, managing risk and opportunities
  - Design cases
  - Selection of factors of safety
  - Reliability-based design and risk analysis
  - Installation risks and constraints
- **Geology of the North-West Shelf**
- **Geohazards and georisks**
- **Desk studies, geophysical surveys, geotechnical investigations and integration:**
  - Different survey and investigation methods
  - New techniques
  - Benefits of an integrated ground model and how this should be developed
- **Shallow water:**
  - Characterisation
  - Geotechnical solutions for foundations, anchors and pipelines
- **Deep water:**
  - Characterisation
  - Geotechnical solutions for foundations, anchors and pipelines
- **Future horizons**
Registration Information

Offshore Geohazards and Geotechnics Jun 2017

Should you require further information on this event, please contact Jennifer Maninin on j.maninin@sut.org Tel +61 8 9481 0999

To register please e-mail the information required on the registration form to perthevents@sut.org

Registration Fees

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee with GST</th>
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<tbody>
<tr>
<td>SUT Members Early Bird (register and pay before 10th May)</td>
<td>$400.00 + GST = $440.00</td>
</tr>
<tr>
<td>SUT Members (registration after 10th May)</td>
<td>$454.55 + GST = $500.00</td>
</tr>
<tr>
<td>Non Members Early Bird (register and pay before 10th May)</td>
<td>$472.73 + GST = $520.00</td>
</tr>
<tr>
<td>Non Members (registration after 10th May)</td>
<td>$536.36 + GST = $590.00</td>
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</tbody>
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Fee includes - All refreshments and an electronic copy of the available presentations and videos are provided.

Not included - Hard copy presentations are not provided. Should these be required there is an additional fee of $65.

Preferred Payment Methods:

Credit Card: Visa, Mastercard or AMEX only *. We cannot accept payment by any other card.

* Payment by Visa or MasterCard will carry a 1.5% surcharge / AMEX will carry a 2.75% surcharge.

Invoice: Please tick here if personally funding course

Joining Instructions:

Joining instructions will be e-mailed to the registered delegate (as shown on the registration form). All details of presenters and updates to the programme will be included in the joining instructions. Please bring along a laptop to view the presentations.

Transport During the Course:

Delegates are responsible for their own travel arrangements at the beginning and end of each day.

Cancellations: Refunds will be made on written cancellation received up to ten working days prior to the event, but will be subject to a 15% administration charge. Cancellations received 9–4 working days prior to the event will be charged a 50% cancellation fee. Cancellations received 3–0 working days prior to the event will not be refunded. Delegates may wish to nominate a substitute in their place at no charge.

CPD Hours: CPD hours can be claimed for this course, please keep flyer and receipt for auditing purposes.

Please tick box if you do not wish to receive further SUT information

Registration Form

Please e-mail completed form to perthevents@sut.org

Please tick to indicate your preferred payment method: SUT Member No.__________

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Invoice (PO No.) ____________

Name ________________________________ Please tick here if personally funding course

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Credit Card No: VISA, MASTERCARD or AMEX ONLY * ____________/__________/__________/__________

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