

# Introduction to Groundwater: Principles and Practices

*three-day short course*



Perth, Western Australia

May 18-20 2015

SRIT Professional Short Course Training Program

## *What this course is all about...*

The Introduction to Groundwater three day training event is the country's leading groundwater school for both new entrants to the industry and for current professionals seeking to update their skills or to move from a related discipline.

### **Introductory level... *not* basic!**

Designed and led by some of Australia's most experienced groundwater experts, this Introduction course is anything *but* basic or low level.

### **Local Presenters, local content**

While assuming only minimal experience, this course will stretch your abilities and by the end of the third day you will have received a solid and wide-ranging education in this important, but hidden resource.

Hands-on Tutorials



## *Course Outline...*

### **Day 1**

- Water and Us
- Geology and Groundwater
- Groundwater Storage
- Groundwater Flow
- Groundwater/Surface Water Interactions
- Quality and Chemistry of Groundwater
- Locating Groundwater

### **Day 2**

- Groundwater extraction
- Estimation of Aquifer Parameters
- Introduction to Groundwater Modelling
- Land and Water Salinity
- Tutorial: Pumping Test Analysis

### **Day 3**

- Overview of Groundwater in Mining
- Introduction to Mine Dewatering
- Groundwater Monitoring
- Catchment Data Collection
- Recharge and Discharge
- Groundwater Management and Protection
- Tutorial: Groundwater contours and flow net solute transport

Great Connections





Professional Training

## *You should attend if...*

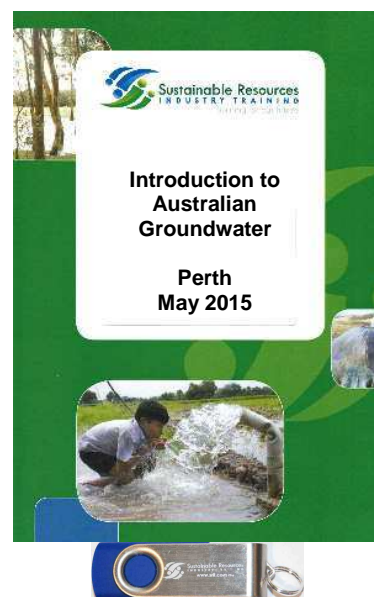
- ⇒ You have a professional interest in the subject of Groundwater in the Australian context.
- ⇒ You wish to upgrade or refresh your skills.
- ⇒ Perhaps you want to move from a related field and need a good place to start.
- ⇒ You recently graduated in an environmental discipline and want to bridge the gap between academic and industry skills.

*“This course is the best Groundwater School available anywhere in Australia for anyone from the novice to the experienced professional.”*

## *What do you get?*

- ⇒ In-depth training from some of Australia's leading industry experts
- ⇒ Connection with other professionals
- ⇒ Great food and a great environment
- ⇒ Personal access to experts
- ⇒ Full colour course materials
- ⇒ Comprehensive Glossary of terms
- ⇒ Electronic materials on USB

Full Colour Notes & USB





Perth, Western Australia

## *When...*

Monday 18<sup>th</sup> - Wednesday 20<sup>th</sup> May 2015

## *Where...*

Pan Pacific Hotel, Perth WA

## *How Much...*

\$A1,890 (including GST). Group discounts also apply.

## *Who will be presenting...*

There will be two main presenters plus several other presenters including WA locals Dr Richard George, Kathryn Rozlapa, Gary Humphreys and Dr Steve Appleyard.

Tony Laws is a local groundwater expert with well over 40 years in the industry, consulting in all states of the country. From 1977 he worked for the WA Geological Survey and then to the WA Department of Water from where he has only just retired. He was manager of Groundwater Investigation Branch and subsequently the Manager of Water Source Protection Branch and has been actively concerned with the protection of drinking water supplies.

Colin Hazel is a local Queenslander and brings 50 years of experience in Groundwater engineering, management and analysis. He has taught in Groundwater schools for 30 years

Tony Laws



Colin Hazel



Dr Richard George



Dr Steve Appleyard



## **Sustainable Resources Industry Training Pty Ltd**

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Contact Us

# REGISTRATION FORM

Pan Pacific Hotel, Perth - Mon. 18<sup>th</sup> — Wed. 20<sup>th</sup> May 2015

THREE TIER  
TRAINING

INTRODUCTORY

ADVANCED

SPECIALIST

## Attendee Details:

MR    MRS    MS    MISS    DR    PROFESSOR

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Email: \_\_\_\_\_

Company/Department: \_\_\_\_\_

Job Title: \_\_\_\_\_

Postal Address: \_\_\_\_\_

City: \_\_\_\_\_ Country/State: \_\_\_\_\_ Postcode: \_\_\_\_\_

Phone: \_\_\_\_\_ Mobile: \_\_\_\_\_ Fax: \_\_\_\_\_

Special Dietary Requirements: \_\_\_\_\_

## Course Fee Details—incl. GST (\$A):

Course Fee  \$1,890

*(Group discounts for 3 or more are available.*

*Contact us for details)*

Total Fee:

### Terms and Conditions

All registrations are provisional until full payment has been received. Discounts for multiple registrations only apply if all registrations are received at the same time.

### Refund & Cancellation policy

Courses cancelled by SRIT will result in a full refund.

A replacement attendee can be arranged at any time without cost. Please advise the office as soon as possible.

There are no refunds for cancellations 7 or less days before the commencement of the course.

There will be a 50% refund for cancellations 21 days or less before the commencement of the course.

Cancellations prior to 21 days before the course will result in a full refund minus a \$220 (including GST) administration fee.

## Payment Details:

Pay on Invoice   P/O No.

### Credit Card Details:

VISA    MasterCard

Expiry  /

Name on Card: \_\_\_\_\_

Signature: \_\_\_\_\_

### Cheques:

Post to:  
Sustainable Resources Industry Training  
58 Norrie Ave  
Clovelly Park 5042

ABN: 42 181 452 509

## Where did you hear about this course?

- Direct Email  
 SRIT Website  
 Facebook  
 LinkedIn  
 Colleague/Friend  
 Other (specify) \_\_\_\_\_

Fax completed form to +61 8 8177 1290  
 Or email to [register@srit.com.au](mailto:register@srit.com.au)  
 Or post to SRIT, 58 Norrie Ave, Clovelly Park 5042

Contacts us:  
 P: 08 82776380 M: 0414 965 226 E: [info@srit.com.au](mailto:info@srit.com.au) F: 08 8177 1290

*NOTE: SRIT will send a confirmation of your registration within 48 hours. If you have not received it by then please contact us to ensure your registration is processed.*

