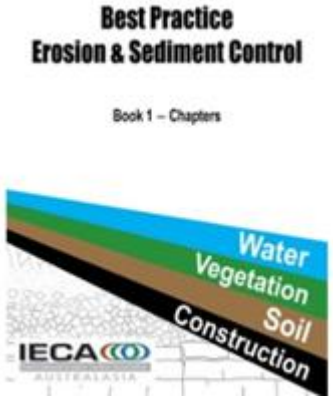
Centre for Environmental Training

Erosion and Sediment Control Brisbane, Qld



16-19 February 2027

IECA International Erosion Control Association APPROVED TRAINING

International Erosion Control Association Approved Professional short course training in Australasian best practice in Erosion and Sediment Control

in conjunction with SEEC

Erosion and Sediment Control

- Four one-day professional development workshops
- A comprehensive and integrated course for practitioners
- Based on IECA 2025, *Best Practice Erosion and Sediment Control*
- Includes detailed coverage of revised Appendix B (2018) including Type A and Type B sediment basins
- Experienced, passionate, knowledgeable and engaging trainers; Bill Johnson and Kel Sanson

Workshop 1: Fundamentals of Erosion and Sediment Control

Workshop 1 covers the regulatory requirements, basic soil science, problem soils and how, when and why to use various erosion and sediment control products and practices. It provides independent guidance on the selection, suitability and application of temporary and permanent erosion and sediment control measures on construction and development sites. The workshop includes exercises on reading and understanding real-world examples of Erosion and Sediment Control Plans.

Workshop content:

- Legal Considerations for Erosion and Sediment Control
- Theory of Erosion and Sediment Control
- Soils, Problem Soils and Soil Conservation
- Selection and Implementation of Erosion and Sediment Control Products and Techniques

Workshop 2: How to Use the IECA 2025 BPESC Manual

Workshop 2 reviews the contents of the IECA Best Practice Erosion and Sediment Control and provides guidance, including the use of a flowchart, on how to use the manual for developments in Queensland. Participants require a calculator and laptop with a copy of the document downloaded onto it.

Workshop content:

- Site Assessment and Site Planning
- Erosion Hazard Assessment and Use of the RUSLE Equation
- Where to Find Relevant Information in IECA 2025 BPESC
- Drainage, Erosion and Sediment Control Standards in accordance with IECA 2025
- Working in Watercourses
- Group Exercises – Planning for Erosion and Sediment Control on Construction Sites and Preparing an Erosion and Sediment Control Plan for a Single Lot Construction Site

Workshop 3: Water Management on Construction Sites

Workshop 3 trains those responsible for the design of erosion and sediment control measures on development sites. This workshop focuses mainly on sediment basins and water diversion structures, two key features of any Erosion and Sediment Control Plan. Participants should bring a notebook, pen and, if possible, a laptop computer. Software will be provided.

Workshop content:

- Theory of Water Management
- Application of Water Management on Construction Sites
- Sizing and Designing Types A, B, C and D Sediment Basins
- Calculating Flows for Design of Catch Drains and Diversion Structures
- Practical Examples and Real-life Practice Exercises

Workshop 4: Preparing and Reviewing Erosion and Sediment Control Plans

Workshop 4 draws together the information presented in the earlier workshops. It covers the identification and design of erosion and sediment control measures on development sites and their delineation on a plan. It involves extensive group work and practical exercises to prepare and review ESCPs on major projects. Participants should ideally bring a laptop computer to complete the various exercises (one between two or three participants is acceptable).

Workshop content:

- Site Inspections, Use of Checklists and Key Points to Check
- Guided Practical Examples and Real-life Practice Exercises in ESCP Preparation and Review for Major Commercial and Road Developments

Participants can attend one, two, three or all four workshops, although must complete the previous workshops before attending the latter days. Registrations for single workshops 2, 3 and 4 will not be accepted unless the prior day's workshops have been completed. For example, participants can register for workshops 3 and 4, as long as workshops 1 and 2 have been completed on a previous course.

Erosion and Sediment Control

Who should attend these workshops?

- **Site construction personnel**
- **Developers and Consultants**
- **Civil and Environmental Engineers**
- **Local and State Government Officers and Regulators**
- **Those responsible for reviewing Erosion and Sediment Control and Soil and Water Management Plans**
- **Others wishing to update their knowledge in line with the current best practice approaches in the guidelines**

Access to the Manual

All attendees should have access to the IECA 2025 *Best Practice Erosion and Sediment Control* Manual during the workshops, or should be able to share a copy with a colleague.

The course includes numerous examples and exercises that require the use of this document.

Having a personal copy available during the workshops will enable attendees to make notes on, or flag, those pages and sections that are most relevant to their work. **We strongly recommend that each attendee have a copy.**

IECA 2025 *Best Practice Erosion and Sediment Control* can be downloaded free of charge from the IECA website.
Best Practice Erosion and Sediment Control (BPESC) document - Australasia Chapter

Other required course documents will be provided prior to the course.

Course Presenters



Bill Johnson
CPESC



Kel Sanson
CPESC

Course Enrolment Form (4185)

If you would like to enrol in this course, please complete your details below or on-line at:
https://www.environmentaltraining.com.au/course-schedule/

Participant Name

Organisation

Billing Address

Postcode

Purchase Order Number
(If required by your organisation for invoicing purposes)

Tel

e-mail

PLEASE REGISTER ME FOR:

Workshop 1: Fundamentals of Erosion and Sediment Control **16 February 2027**	☐
Workshop 2: How to Use the IECA 2025 BPESC Manual **17 February 2027**	☐
Workshop 3: Water Management on Construction Sites **18 February 2027**	☐
Workshop 4: Preparing and Reviewing ESCPs **19 February 2027**	☐

(prices inclusive of GST)	Course Prices
One workshop	$1,343.00
Two workshops	$2,584.00
Three workshops	$3,605.00
Four workshops	$4,457.00

Course fee includes comprehensive course notes, software as indicated, lunches and morning and afternoon teas. Each participant will receive a certificate outlining the detailed content and duration of the course. Please bring required materials as noted in the brochure.

Course Venue: Mercure Brisbane Spring Hill – 345 Wickham Terrace, Spring Hill Qld.

Course Hours: 9.00am – 5.00pm each day.

Payment Terms and Conditions: Payment can be made by EFT or credit card. Places will be confirmed upon receipt of payment into our account. If you are unable to attend a course, you will need to advise us of cancellation at least 14 days prior to the course. See T&Cs. 10% administration charge is applicable to all course transfers due to illness/non-attendance.

Professional Training in Erosion and Sediment Control

These workshops provide a comprehensive and integrated program of instruction and exercises. Workshops are approved by the International Erosion and Sediment Control Association (IECA) and are designed to provide a comprehensive basis for anyone wanting to become a Registered Soil Practitioner - Erosion & Sediment Control. Information on RSP-ESC can be found at:
https://www.soilscienceaustralia.org.au/rsp/erosion-and-sediment-control-accreditation
IECA-Approved Training identifies providers that are technically competent in erosion and sediment control and accords with recognised best-practice techniques. Information on IECA-Approved training can be found at:
https://austieca.com.au/education/approved-training

Further E&SC Courses

These workshops:
Workshop 1: Fundamentals of Erosion and Sediment Control
Workshop 2: How to Use the IECA 2025 BPESC Manual
Workshop 3: Water Management on Construction Sites
Workshop 4: Preparing and Reviewing SWMPs/ESCPs

and for those working in specific industry sectors, specialised Erosion and Sediment Control Courses for:

- **Main Road and Rail Construction and Maintenance**
- **Unsealed Roads ***
- **Coal Seam Gas Operations ***
- **Services and Linear Easements**
- **Mines and Quarries**
- **Waste Landfills ***

along with our very popular courses:

- **Practical Erosion and Sediment Control for the Workforce * (1-day)**
- **Selecting and Installing Erosion and Sediment Control Measures * (half-day)**
- **Erosion and Sediment Control for Compliance Inspections * (1-day)**

can be run as in-house courses at any location.

* **IECA Approved Training**

Please contact us to discuss your training requirements.
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