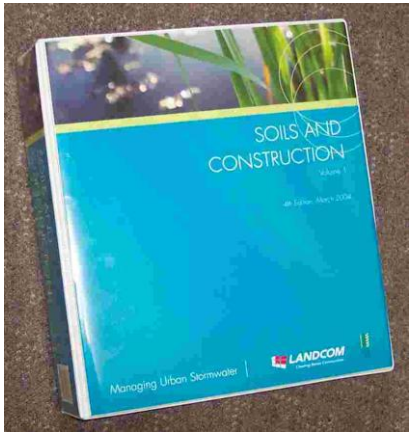
Centre for Environmental Training

Erosion and Sediment Control Sydney, NSW



Workshops 1 & 2: 16-17 February 2027
Workshops 3 & 4: 18-19 May 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

Workshop 1: Fundamentals of Erosion and Sediment Control

Workshop 1 provides training for people responsible for the selection, installation, inspection or maintenance of temporary and permanent erosion and sediment control measures.

The workshop covers the fundamental principles that underpin erosion and sediment control. No prior knowledge is required.

This workshop provides a practical perspective and is geared towards anyone wanting a sound knowledge of erosion and sediment control without going into detailed calculations and design aspects.

Topics include: the theory of soils and soil conservation; how, when and why to use various erosion and sediment control products or practices, tips for conducting inspections of erosion and sediment controls on sites, plus real-world examples of reading and understanding erosion and sediment control plans.

Those planning to attend Workshops 2, 3 or 4 should attend this workshop first.

Participants should bring a paper or electronic copy of the "Blue Book" *Managing Urban Stormwater: Soils and Construction*, (Landcom, 2004), and the IECA document books one to three digital copy, a pen, paper and some highlighting markers. The "Blue Book" can be downloaded at: Blue Book

Who should attend?

- Site construction personnel
- Developers and Consultants
- Local and State Government Officers

Workshop 2: How to Use the Blue Book

Workshop 2 is designed for staff who need to understand key technical and management issues relating to erosion and sediment control in the urban environment in NSW.

The workshop gives a broad overview of the material contained in the "Blue Book". It introduces RUSLE, the Revised Universal Soil Loss Equation, as a tool for assessing erosion risk at a site under different management conditions.

This workshop is designed to guide participants through the "Blue Book" so they can apply it to their plans and sites. We look at what site issues should be considered when planning for erosion and sediment control and how they might affect your proposed works.

Topics include: site assessment and site planning, working in waterways, effective methods of erosion and sediment control and how to manage and inspect a work site for erosion and sediment control.

Participants should bring a paper or electronic copy of the "Blue Book", and the IECA document books one to three digital copy.

Who should attend?

- Developers and Consultants
- Civil and Environmental Engineers
- Local Government Officers
- Others wishing to update their knowledge in line with the current edition of the "Blue Book"

Workshop 3: Water Management on Construction Sites

Workshop 3 deals with the design or review of temporary water management structures such as sediment basins and catch drains. The workshop is geared mainly for people who prepare and review Soil and Water Management Plans. An engineering background is not required. This workshop is equally applicable to both engineers and non-engineers.

Participants will gain a sound understanding of the design of various measures described in the "Blue Book" such as sediment basins, diversion structures and catch drains.

Topics include: the theory and application of water management on construction sites, how to size and design sediment basins and how to design catch drains and diversion structures, sizing and designing types A, B, C, D and F sediment basins.

Participants should have attended Workshop 2 first. Participants should bring a paper or electronic copy of the "Blue Book" and the IECA document books one to three digital copy, a calculator and a device capable of running an Excel spreadsheet and accessing the internet.

Who should attend?

- Consultants
- Environmental Managers
- Regulators responsible for reviewing Soil and Water Management Plans

Workshop 4: Preparing and Reviewing Plans for Soil and Water Management

Workshop 4 trains personnel responsible for the identification and design of temporary and permanent erosion and sediment control measures on construction sites and for their delineation on a plan.

The workshop pulls together the information presented at Workshops 1, 2 and 3. It is a practical application of the work undertaken at the earlier workshops. This workshop also trains regulators in the necessary skills for review of Soil and Water Management Plans and Erosion and Sediment Control Plans.

Participants will gain a sound understanding of the process involved with the selection, design and placement of a range of typical erosion and sediment control measures suitable for use on construction sites. They will be able to delineate these on a plan following the criteria set out in the "Blue Book". In addition, they will be able to review such plans.

Topics include: the theory of plan preparation, how to prepare a plan with guided practice exercises, how to prepare a plan using local examples and how to review Soil and Water Management Plans and Erosion and Sediment Control Plans.

Participants should bring a paper or electronic copy of the "Blue Book" and the IECA document books one to three digital copy, a calculator, and a device capable of running an Excel spreadsheet and accessing the internet.

Who should attend?

- Consultants
- Environmental Managers
- Regulators responsible for review of Consultants' plans

Participants can attend one, two, three or all four workshops, but 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 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.

Course Enrolment Form (4189)

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 Blue Book **17 February 2027**	☐
Workshop 3: Water Management on Construction Sites **18 May 2027**	☐
Workshop 4: Preparing and Reviewing Plans for Soil and Water Management **19 May 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. Please bring required materials as noted in the brochure.

Course Venue: Mercure Hotel Sydney St Leonards, 194 Pacific Highway, Greenwich NSW.

Times: 9.00 am – 5.00 pm 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 otherwise no refund will be provided. A full refund will be given where notice of cancellation is given more than 14 days before the course. 10% administration charge is applicable to all course transfers due to illness/non-attendance.

Professional Certification in Erosion and Sediment Control

These workshops provide a comprehensive and integrated program of instruction and exercises. The 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

Other E&SC Courses

Specialised E&SC Courses for specific industry sectors:

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

along with our very popular courses:

- **Practical Erosion and Sediment Control for the Workforce * (1-day)**
- **What's in the NSW Blue Book? * (1-day)**
- **Selecting and Installing Erosion and Sediment Control Measures * (half-day)**
- **Erosion and Sediment Control for Regulatory 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.

The Centre for Environmental Training
197 Main Road
Cardiff NSW 2285 Australia
Telephone: 02 4954 4997
e-mail: mail@environmentaltraining.com.au
web: www.environmentaltraining.com.au