
Erosion and Sediment Control

Workshop 1: Fundamentals of Erosion and Sediment Control

Workshop 1 provides training for people responsible for the selection, construction and maintenance of temporary and permanent erosion and sediment control measures on construction sites.

The workshop is geared to people without a background in soils who wish to expand their knowledge of these topics from a practical perspective rather than detailed design.

This practical, stand-alone workshop does not address engineering considerations, mathematical calculations or preparing plans for erosion and sediment control and is ideal for onsite construction workers. Those intending 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), a pen, paper and some highlighting markers. The “*Blue Book*” can be downloaded at:
<http://www.environment.nsw.gov.au/stormwater/publications.htm>

You will learn:

- The theory of Soil Erosion
- About Erosion and Sediment Control products
- How to implement effective Erosion and Sediment Control Best Management Practices
- Practical skills on implementing a Soil and Water Management Plan by completing a worked case study

Who should attend?

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

Workshop 2: How to Use the Blue Book

Workshop 2 gives a broad overview of the material contained in *Managing Urban Stormwater: Soils and Construction* (Landcom, 2004) (the “*Blue Book*”). This workshop 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. It introduces 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. Participants should bring a paper or electronic copy of the most recent edition of the *Blue Book* (4th Edition).

You will learn:

- About site assessment and site planning
- Effective methods of Erosion Control
- Effective methods of Sediment Control
- How to manage and inspect a work site for E&SC

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 trains those responsible for the selection, design or review of temporary and permanent erosion and sediment control measures on urban construction sites.

Workshop 3 is geared mainly for consultants who prepare and regulators who 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.

Workshop 3 participants should have attended Workshop 2 first. Participants should bring a paper or electronic copy of the most recent edition of the “*Blue Book*” (4th Edition), a calculator, notebook and pen, a laptop computer. Software will be provided.

You will learn:

- The theory and application of water management on construction sites
- How to size and design sediment basins
- How to design catch drains and diversion structures

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. Workshop 4 pulls together the information presented at Workshops 1, 2 and 3. It is a practical application of the work undertaken at the earlier workshops. The workshop also trains regulators in the necessary skills for review of SWMPs/ESCPs.

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 *Managing Urban Stormwater: Soils and Construction* (Landcom, 2004) (the “*Blue Book*”). In addition they will be able to review such plans. Participants should bring a paper or electronic copy of the most recent edition of the *Blue Book*, (4th Edition), a calculator, notebook and pen, and a laptop computer loaded with the software provided at Workshop 3.

You will learn:

- The theory of Plan preparation
- How to prepare a Plan with a guided practice exercise
- How to prepare a Plan using local examples
- How to review SWMPs and ESCPs

Who should attend?

- Consultants
- Environmental Managers
- Regulators responsible for review of Consultants' plans
- Others who have attended Workshops 1, 2, and 3 and wish to be prepared for the International Erosion Control Association's examination for **Certified Professional in Erosion and Sediment Control (CPESC)**.

Arrangements for sitting the CPESC examination can be made with the International Erosion Control Association (IECA) Australasia office email: admin@ Austieca.com.au

Erosion and Sediment Control

Course Enrolment Form (1605)

If you would like to enrol in this course please complete your details below and fax / email or post back to us as soon as possible.

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 **5 July 2016**

Workshop 2: How to Use the Blue Book **6 July 2016**

Workshop 3: Water Management on Construction Sites **7 July 2016**

Workshop 4: Preparing and Reviewing Plans for Soil and Water Management **8 July 2016**

One workshop \$665 + GST

Two workshops \$1,260 + GST

Three workshops \$1,760 + GST

Four workshops \$2,205 + GST

Course fee includes comprehensive course notes, software as indicated, lunches and morning and afternoon teas. Please bring required materials as noted in the brochure. Parking available, \$10 - day use, \$20 - overnight.

Course Venue: Hotel Urban St Leonards, 194 Pacific Highway, St Leonards NSW 2065.

Times: 9.00 am – 5.00 pm each day.

Payment Terms and Conditions: Once enrolment form is received we will send you a tax invoice outlining payment details. Payment can be made by Electronic Funds Transfer or via cheque payable to The Centre for Environmental Training.

Reservation deadline is one week prior to any workshop.

Cancellations must be notified five working days prior to course start dates or full fees will be payable.

Certified Professional in Erosion and Sediment Control (CPESC)

These workshops are designed to cover the theory required for the International Erosion Control Association **Certified Professional in Erosion and Sediment Control (CPESC)** examination. Examination candidates need to know both the theory and its application in a practical context.

Further information on the CPESC qualification can be obtained from the IECA website:

<http://www.austieca.com.au/CPESC/tabid/62/Default.aspx>

Information on opportunities for completion of the IECA CPESC exam can be obtained from IECA Australasia, email: admin@austieca.com.au

Further E&SC Courses

These workshops:

Workshop 1: Fundamentals of Erosion and Sediment Control

Workshop 2: How to Use the Blue Book

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 Construction**
- **Rail Construction and Maintenance**
- **Coal Seam Gas Operations ***
- **Services and Linear Easements**
- **Unsealed Roads**
- **Mines and Quarries**
- **Waste Landfills**
- **Practical Erosion and Sediment Control for the Workforce ***

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

Facsimile: 02 4954 4996

e-mail: mail@environmentaltraining.com.au

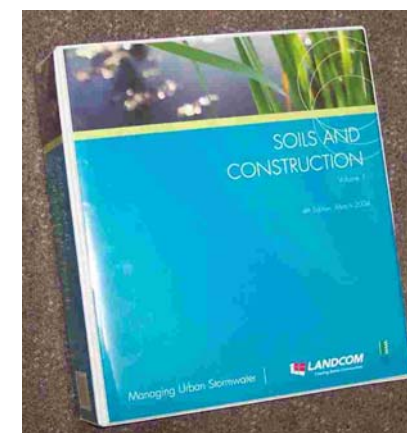
web: www.environmentaltraining.com.au



Centre for Environmental Training

Erosion and Sediment Control

St Leonards, NSW



5-8 July 2016



Covers the theory required for the
International Erosion Control Association
**Certified Professional in Erosion and Sediment
Control (CPESC)** examination

in conjunction with

