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For details of our current courses and venues  
To register now, or express interest in future  
courses and add your name to our mailing  
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Attend one or more workshops as required.

Course fee includes:  
Comprehensive course notes  
Design software as indicated  
Lunch and morning and afternoon tea  
Course certificate

Participants should bring required materials as  
noted in individual course brochures.

Courses generally run from 9.00am to 5.00pm.

Limited places are available. Early registration is  
advised. 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.**

Places are reserved on receipt of payment.

Please call or check our website for details of  
upcoming dates and venues.

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## Erosion and Sediment Control Workshops

- 1: Fundamentals of Erosion and Sediment Control
- 2: How to Use the Blue Book
- 3: Water Management on Construction Sites
- 4: Preparing and Reviewing Plans for Soil and Water Management

These workshops are based on Volume 1 of  
*Managing Urban Stormwater: Soils and  
Construction* (Landcom, 2004) (the *Blue Book*).  
They are offered separately or together as a  
comprehensive program. Participants should  
have a reference copy of the *Blue Book* available  
at the course.

Together, the workshops cover the theory  
required for the International Erosion Control  
Association (IECA) examination for **Certified  
Professional in Erosion and Sediment  
Control (CPESC)**. Examination candidates need  
to know both the theory and its application in a  
practical context. Arrangements for sitting the  
CPESC examination can be made with IECA  
(Australasia).

The IECA has endorsed these workshops.

### Other Erosion and Sediment Control Short Courses

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

Please call the Centre for Environmental Training  
to discuss your training requirements.



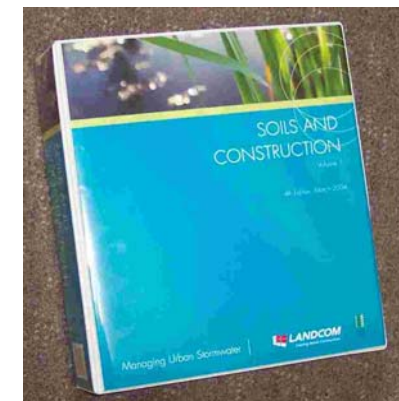
Centre for Environmental Training

Four one-day Professional  
Development Workshops

# Erosion and Sediment Control

Leading to  
**Certified Professional in Erosion and  
Sediment Control (CPESC)**  
qualification

*Workshops offered throughout NSW*



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## 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 copy of the “*Blue Book*” (*Managing Urban Stormwater: Soils and Construction*, Landcom, 2004), a pen, paper and some highlighting markers.

#### 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 copy of the most recent edition of the *Blue Book* (4<sup>th</sup> 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 copy of the most recent edition of the *Blue Book* (4<sup>th</sup> Edition), a calculator, notebook and pen, and if possible, a laptop computer. A software CD 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 copy of the most recent edition of the *Blue Book*, (4<sup>th</sup> 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 IECA (Australasia).**

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