



SEE C

Fundamentals of Erosion and Sediment Control (1-day course)

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1 ABOUT SEEC

Who we are:

SEEC (Strategic Environmental and Engineering Consulting) is a small, dynamic firm of experts in environmental management, with a focus on soil and water.

We work with government and private clients, providing consulting advice, design, auditing, review and training services in environmental management, especially during construction. We are also experts in rehabilitation for infrastructure, mining and government projects.

We regularly provide training in throughout Australia (see our website: www.seec.com.au/training), teaching others how to manage environmental issues on worksites. As such, we are recognised experts in our field.

Accreditations and qualifications:

We regularly provide expert erosion and sediment control services on major projects and for all levels of government. Our company includes a number of Certified Professionals in Erosion and Sediment Control (CPESC) and Certified Professional Soil Scientists (CPSS). Company director Andrew Macleod is also the former President of the International Erosion Control Association's (IECA) Australasian Chapter.

Why use us?

We are intimately familiar with the requirements of various agencies for erosion and sediment control, and are recognised experts on the IECA (2008) White Book guidelines. We have trained over 12,000 people around Australia over the past 17 years, from both the private and public sector. Our training is IECA-approved and thus is recognised as meeting requisite standards for technical excellence and practical application.



2 WORKSHOP PRESENTATION

SEEC workshops in Tasmania are delivered by Kel Sanson.

Kel is a Certified Professional in Erosion and Sediment Control (CPESC), and has significant on-ground construction environmental management experience. He is a Senior Environmental Consultant at SEEC and is a former regulator for Ipswich City Council responsible for erosion and sediment control compliance. Kel has worked on pipeline, gas, coal, electricity, road and residential projects throughout Queensland, NSW and Tasmania. Kel has trained over 2,500 people in erosion and sediment control/environmental training courses since commencing with SEEC.



3 TRAINING PROGRAMS

3.1 One-day Workshops

SEEC's one-day (approximately 6 hour) workshop covers all basic ESC theory plus detail about the White Book, site inspections and ESCP review/preparation. It provides additional detail for project managers, site foremen, engineers, and environmental officers.

The following table contains details of the topics and themes covered in SEEC's one-day workshops.

Theme	Content	One day workshop
Introduction to erosion and sediment control	Erosion causes and implications – photo examples.	✓
	Introduction to soil characteristics and the management of problem soils.	✓
	The basics of soil erosion and why construction sites are such a problem.	✓
	Erosion control versus sediment control.	✓
	Legal considerations for erosion and sediment control – <i>Environmental Management and Pollution Control Act 1994 (EMPCA)</i>	✓
Introduction to the IECA 2008 the 'White Book'	Introduction to the White Book – basic overview.	
	Introduction to the Derwent Estuary Program ESC Guideline – basic overview.	✓
	How does the White Book fit in with legislation and the Derwent Estuary Program ESC Guideline.	✓
Implementation of best-practice controls	Best-practice requirements for dust control, drainage and velocity management, stockpiling, soils, sediment control, stabilisation and rehabilitation.	✓
	Erosion and sediment control techniques and methods – their application and usefulness.	✓
	Erosion and sediment control products – the when, where and how of installation.	✓
	Best-practice site rehabilitation and restoration requirements.	✓
Applications and exercises	Checklists and tips for conducting site inspections	✓
	Reading and interpreting a basic Erosion and Sediment Control Plan (ESCP).	✓
	Preparing a basic Erosion and Sediment Control Plan (ESCP).	✓
	Reviewing an Erosion and Sediment Control Plan (ESCP) for a larger site.	✓
	Recognising good and bad practice – real-world examples.	✓ Detailed discussion

3.2 Learning Outcomes

The key learning outcomes for the various workshops are detailed in the following table:

Workshop	Duration	Learning Outcomes
Fundamentals of Erosion and Sediment Control	One-Day (~6 hrs)	<ul style="list-style-type: none"> • Better understanding of why soil erosion is a significant environmental issue; • Appreciation of the legal requirements and obligations regarding erosion and sediment control; • Improved knowledge of products and techniques for effective erosion and sediment control, and how they are supposed to be used (e.g. using the IECA 2008 'White Book'.); • Increased ability to critically analyse the compliance of onsite erosion and sediment controls with regard to legislation and recommended industry practice.

3.3 Workshop Format

SEEC workshops are designed to equip participants with the fundamental knowledge and understanding to address erosion and sediment control issues that are relevant to them. Our workshops are designed to be interactive, engaging and interesting. All workshops include:

- Real-life examples of good and bad practice;
- Photo examples;
- Individual and group exercises;
- Numerous question times.

3.4 Certificates of Attendance

All participants at SEEC workshops receive a personalised Certificate of Attendance. These will be posted to you after the workshop. We require a legible copy of the attendance record to create certificates.

4 PRICING

The following table details our pricing to prepare and deliver the workshop sessions detailed above. These prices are all-inclusive lump sums and there is no surcharge per person. There is no minimum number of participants for a workshop to proceed.

Option	Details	Maximum numbers	Price (excl. GST)
Fundamentals of Erosion & Sediment Control	Workshop preparation and design. Liaison prior to workshop delivery to incorporate relevant examples into training materials. Delivery of one ~6 hr (approx.) training session.	Max 25 for the course	\$2,990 +GST

5 WORKSHOP RESOURCES

The following table details the assumptions inherent in our pricing in Section 6. Note that we do not pass on Powerpoint presentations, photos or training materials in any digital format.

Workshop resource (face-to-face training)	To be provided by
Venue, including desk and chair for each attendee	Client
Pens and highlighters	SEEC
Printing (exercises)	SEEC
Catering including lunch, tea and coffee	Client
Data projector including connection cables	Client
Laptop	SEEC
Notepads	Client
Whiteboard or flipchart including marker pens	Client
Laptop/PC with webcam enabled and headphones (for online training delivery)	Client

6 INSURANCES

SEEC has comprehensive insurances including:

- Public Liability (\$20 million)
- Professional Indemnity (\$10 million)
- Workers Compensation/Workcover.

Copies of insurance certificates can be provided on request.

7 CONTACT DETAILS

Our contact and company details are in the following table.

Company legal name	Strategic Environmental and Engineering Consulting (SEEC) Pty Ltd
ABN	97 155 426 289
ACN	155 426 289
Street address	Head office: Suites 7 and 8, 68 – 70 Station St, Bowral NSW 2576 Queensland Office: 10/96 Cleveland Street, Greenslopes QLD 4120
Postal address	PO Box 1098 Bowral NSW 2576
Principal contact	Kel Sanson
Phone (landline)	02 4862 1633
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Mobile phone	0424 959 372
Email	ksanson@seec.com.au
Website	www.seec.com.au
Accounts	Lee-Anne Armstrong
Accounts email	reception@seec.com.au

8 TO REQUEST MORE INFORMATION

Please feel free to contact me on 02 4862 1633 or 0424 959 372 or at ksanson@seec.com.au if you have any questions about this quote or if you'd like to discuss available dates.

Thank you for the opportunity to provide you with a proposal.

Kind regards,



Kel Sanson B.App.Sc. CPESC
Senior Environmental Consultant, SEEC