



Faculty of Science
School of Life Sciences



CSARM

Contaminated Site Assessment Remediation and Management

CSARM courses at UTS are an established program of intensive, interactive and in-depth training by industry experts that has enabled its graduates to excel in their careers.

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- An underwater scene featuring a large, textured rock formation in the background and a striped fish swimming in the foreground. A semi-transparent blue rectangular overlay covers the middle portion of the image, containing three white checkmark icons followed by text.
- ☑ **Want to kick start your Contaminated Site Consultant Certification?**
 - ☑ **Are you planning to take your professional career to the next level?**
 - ☑ **Want to enhance your skills with practical, relevant CPD?**

At a glance

Five self-contained modules presented throughout 2025 will address

- Legal and regulatory requirements governing contaminated site assessment, remediation and management, including new relevant up-to-date guidelines
- Site assessment requirements, sampling design and risk assessment approaches to investigation, remediation plans
- Reporting obligations and defensible reporting skills
- Scientific and technical upskilling in areas of contaminant chemistry and toxicity, and human health and ecological risk assessment
- Current remediation technologies and their applications

Who should attend?

- An environmental scientist, engineer, manager or consultant
- Someone aspiring to become a contaminated site consultant or a site auditor, as part of your career development
- An environmental professional changing career direction
- Someone who wishes to enter CSARM field
- Local government officers with contaminated land responsibilities

Fees

Registration Category	Fee for Module A, CD or E	Fee for Module B or F
Full Fee	\$2300	\$2000
Early Bird*	\$2070	\$1800

Notes:

* Early bird: at least 2 weeks prior.

10% discount on full fee for professional society members

12% discount for online only attendance (Modules A, CD and E only)

13% discount for registration of 2 or more people on a module, or registration for 2 or more modules.

Discounts apply to the full course fee and only one discount can be applied per person. Members of professional society (ACLCA, Soil Science Australia, Engineers Australia, EIANZ): proof of status to be provided to CSARM Coordinator before payment.

These courses will

- Provide advance information on changes to guidelines and regulation as well as legal/policy requirements
- Provide detailed technical information on current best practice in site assessment, remediation and management
- Enhance your learning through interactive teaching modes such as workshopping, case study analyses and site visits
- Provide networking opportunities with experts and other attendees
- Concentrate presentations into 2.5/3 days AND provide an online study platform to deepen your knowledge in your own time
- Give insight into professional best practice, each module contributing a minimum of 42 hours of CPD

Course recognition

- Attendees are awarded a UTS Short Course Certificate for each module completed
- Completing the optional assessment can provide recognition of prior learning for MSc by coursework

Credit towards:

- Consultant certification programs [CEnvP Site Contamination \(SC\) Scheme](#) and [Soil Science Australia \(CPSS CSAM\)](#);
- Engineers Australia and EIANZ CPD programs.

Study Modules for 2025

To ensure you complete the course with the knowledge and skills required for your field

Designed with input from the NSW EPA and industry professionals, with speakers closely involved with development of relevant up-to-date guidelines and methods, these CSARM short courses will:

- Immerse you in the latest developments in CSARM
- Enhance your knowledge, update your skills
- Build capacity within your organisation
- Provide you with an advantage in your career path

Each module is presented by a panel comprising regulators from EPA, site auditors, industry specialists, CSIRO and academics from UTS and other universities – using a mix of workshops, lectures, site visits* and case studies

All modules deal with relevant up-to-date guidelines including professional competency standards.

All modules can be attended at UTS City campus or online.

Each module contributes minimum 42 hours CPD, more if you complete the post-module assignment.

Enrol now at open.uts.edu.au/courses/csarm/

* Online attendance excludes site visits

Module A - Ground Rules for Contaminated Sites

12 - 14 March

Topics

- Legal and regulatory responsibilities of professionals working on contaminated sites; CLM Act
- New trends in CSARM
- Driving forces in CSARM - site & risk assessment, remediation
- Defensible reporting

Features

- Case studies to illustrate applications of concepts
- Workshop and professional panel discussion
- Field trip to visit a remediation site in Sydney



Module B - Effective Site Assessment

9 - 11 April

Topics

- Purposes & practice of site assessment
- Design of field assessment and principles of field sampling
- Assessment of vapours and groundwater contamination
- Uncertainty of results and non-technical issues

Features

- Development of Conceptual Site models and Data Quality Objectives
- Workshops and case studies



Module C & D - Assessment of Contaminants of Concern

7 - 9 May

Topics

- Regulatory drivers for investigating contamination
- Major groups of COCs, their behaviour in a range of media, persistence and transformations
- Emerging COCs
- Human and ecological toxicology in site assessment
- Sampling quality issues and interpretation of laboratory results
- Groundwater and soil contaminant assessment

Features

- Evaluation of human toxicity data and risk-of harm estimate calculations
- Chain of custody issues
- Site visit to environmental laboratory



Module E - Risk-based Site Assessment

17 - 19 September

Topics

- Risk assessment principles
- Risk assessment as a tool for site assessment and application of guidelines
- Human health risk assessment and ecological risk assessment

Features

- Workshops on application of EILs & HHRA
- Vapour intrusion risk assessment
- Site visit to a remediation site in Sydney



Module F - Remediation Principles and Closure

22 - 24 October

Topics

- Regulatory principles in remediation
- Sustainable remediation
- Remediation technologies
- Remediation methods for soils, vapours and ground waters
- Remediation methods for common contaminants
- Development of Remediation Action Plans

Features

- Workshop on remediation and numerous case studies



What participants say



Excellent course, so worthwhile! All consultants should undertake this module



The wealth of first-hand experience and knowledge of each topic was impressive and presented so well by each speaker. They made the course highly educational and thought provoking from start to finish.



The case studies were great and kept me engaged and understanding of how applicable the content was to what I do as a contaminated land consultant.



The workshops were particularly effective at compounding the knowledge gained from the lectures.



It taught the fundamentals of how to conduct a good human health and ecological risk assessment.

More information

consitecourses.uts.edu.au

[Register now](#)

Click on **Science & Mathematics** under
Study Areas to see the latest courses