



Environmental risk governance

Continuing professional development short course

23 - 27 November 2009

Introduction

Cranfield University's Risk Centre offers our updated primer and short course in Environmental Risk Governance. Risk management is widely established in the environmental goods and services sector as a primary contributor to effective environmental protection, a means of targeting investment and regulatory oversight, and increasingly as a source of strategic competitive advantage and corporate value for organisations. In an ever complex world of technological and organisational change, executives, environmental policy specialists, regulators, process operators and environmental managers are all expected to hold a core competency in the assessment, management, communication and governance of environmental risk.

The Cranfield Environmental Risk Governance Primer dovetails an introduction to environmental risk management with an executive masterclass and managerial update on implementing environmental risk management in organisations. Supported by seminars and workshop exercises, it is intended for personnel working in the environmental goods and services sector seeking to deepen their expertise, practice and delivery of environmental risk management. The Primer offers a solid grounding for new risk managers, environmental quality managers, regulatory affairs staff, operational staff with

risk management responsibilities, contractors, regulators, non-governmental organisation advocates, and practically-oriented researchers new to this field.

Delegates have the options of attending days 1-3 (primer); day 4 alone (masterclass) or days 1-5 (the full short course).

Benefits of attending

- Solid grounding in the basic principles of risk management and their application in the environmental goods and services sector, including within utilities
- Expanded knowledge of the fundamentals and operational aspects of managing risk
- Opportunity to meet and learn from experts implementing risk management on the ground in their own organisations
- Our informal workshop style is amenable to lively discussion of the more challenging issues such as risk perception, influencing the 'Board', and recovering from major organisational incidents
- Connect with recent sector-funded research on environmental risk analysis and management.

Who should attend?

The course is designed for environmental managers, process engineers, consultants, contractors, policy specialists, regulators, NGO advocates and researchers with risk management responsibilities and interests. No previous knowledge of environmental risk management within the sector is required and the primer builds in depth over the course of the week, developing on earlier themes. A technical background is helpful, but not essential.

Course overview

The Primer moves from a discussion of the modern context of environmental risk governance to a description of tools and techniques, a workshop exercise, and then on to a discussion of implementing risk governance in organisations. The masterclass addresses issues of engagement with the executive and Board on risk, benchmarking and risk communication.

Attendees will leave with an understanding of different perspectives on governing environmental risks, of which risk tools and techniques to use and when, and how to implement a risk management culture in their organisations. There are valuable opportunities for knowledge exchange between sessions and a course dinner on 25 November for informal networking. The course is supported by high quality materials for continued learning and reference back in the workplace.

Environmental risk governance primer

23-25 November 2009

- Day 1. Context and fundamentals – why manage risk; risk and the sustainability agenda; what is an environmental risk assessment?
- Day 2. Risk management in practice – problem definition, risk screening and prioritisation; engaging publics on risk
- Day 3. Tools and techniques – qualitative, quantitative and probabilistic risk analysis tools.

Environmental risk governance masterclass

26 November 2009

- Day 4. Securing preventative risk management; benchmarking; recovering from major incidents; handling and communicating uncertainty.

Implementation

27 November 2009 (note: 12.30 close)

- Day 5. Implementation issues – high reliability organisations; the politics of risk governance; course summary.

Course organiser and contributors

Professor Simon Pollard

Simon is the Head of the Sustainable Systems Department at Cranfield University, Director of the Risk Centre and Professor of Environmental Risk Management. The Department has an international reputation in water science, energy and offshore technology, risk management and resource efficiency. Simon's research interests are environmental risk management, sustainable technology systems, the management of wastes, and environmental regulation and policy.

Dr Sophie Rocks

Dr Sophie Rocks is the Centre Manager of the Risk Centre which provides leading research on the strategic risk assessment risk and evidence and organisational maturity within Government and other organisations. She is a toxicologist with a background in materials science. She has a wide research portfolio including risk assessment, materials characterisation, and free radical toxicology. Her particular interest is in the manufacture, use and risk of engineered nanomaterials.

Dr David Denyer

David is a Senior Lecturer in organisation studies at Cranfield School of Management, specialising in high reliability organisation design, managing change in extreme contexts and evidence-based management. David has worked on high reliability planning and implementation, safety, risk and reliability workshops, organisational audits, and the delivery of a range of executive development programmes.

Other contributing experts

Additional contributions come from risk managers in the environmental goods and services sector, risk consultants, leading academics and academic staff from Cranfield University. Throughout the course, active discussion is encouraged adding further to the participants' learning experience.

About Cranfield University

Cranfield University is a wholly postgraduate university with an international community and a truly global reputation. Ranked first in the UK for staff to student ratios and with an excellent rating for teaching, and exceptional facilities, Cranfield makes an ideal destination for advancing careers. All courses are designed to meet the training needs of industry and have a strong input from experts in their sector. Our focus is on applied research and developing industry's future engineers, managers, consultants and entrepreneurs.



Contact

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Note: This course may be available free under the ECIF re-skilling initiative. Please contact us for further information.

Booking form

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Fees:

1 day: £315 **3 day:** £885 **5 day:** £1410

Discounted rates are available for members of professional bodies/trade associations, and group bookings. This course may be available free under the ECIF re-skilling initiative. Details available on request.

Surname _____

First name _____

Prof Dr Mr Mrs Miss

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Start date

Expiry date

Issue no

Three digit security code (on reverse of card)

Amount £ _____

Name of cardholder _____

Signature _____

Date _____

Please state any special dietary requirements

Course fee

The fee covers attendance, lunch, the course dinner on 25 November, delegate coffee breaks and full meeting documentation. The fee does not cover travel or accommodation.

Cancellations and substitutions

It is regretted that cancellations and refunds cannot be made. However, the organisers will accept substitutions provided that written notification is received.

Data protection Please tick this box if you do not wish your details to be held by Cranfield University for the purpose of marketing courses, conferences, research programmes and other associated activities.

For further information contact the Academic Operations Unit:

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