

# Environmental Risk Assessment

## **Purpose**

This course aims to give students an awareness and understanding of environmental risk assessment. It covers some of the main areas where students might encounter the need to undertake an environmental risk assessment and how approaches to undertaking such an assessment compare with safety risk assessments. Some of the ways in which environmental consequences are assessed are considered, allowing students to judge the appropriateness or otherwise of some commonly encountered models. Emphasis is on UK approaches and applications but comparison is drawn with international approaches and best practice.

## **At the end of the course you will be able to**

1. Critique environmental regulatory styles
2. Evaluate environmental risk assessments, approaches and techniques
3. Evaluate methods and models available for environmental consequence modelling

## **Outline content**

- Environmental risk assessment – key players, milestones and legislative drivers
- Risk assessment process
- Environmental hazard identification
- Environmental data, targets and criteria
- Environmental consequence models (air, water, ground)
- Environmental risk assessment in action
- BATNEEC and BPEO

## **Recommended prior study**

Education, skills or experience equivalent to undergraduate level

Risktec module: *Principles of Risk Management*

## **Who should attend**

Managers, engineers, operators, designers and HSE professionals who need to lead or undertake risk management processes for their organisation and facilities.

## **Delivery Methods**

Face-to-face, Distance Learning, or Blended Learning

## **Levels of Assessment**

- Attendance only
- Assessment by Risktec
- Postgraduate Qualifications: PgCert, PgDip and MSc

## **Assessment details**

Postgraduate programmes: activities and assignment (total about 80 hours)

## **Module details**

Level: Masters  
Duration: 2 days (F2F), or  
8 weeks (Postgraduate DL)

## **Price**

For prices and further information, or to book a course, please contact **Vicky Billingham** at [training@risktec.tuv.com](mailto:training@risktec.tuv.com)

## **Contact**

Risktec Solutions Ltd  
Wilderspool Park  
Greenall's Avenue  
Warrington  
WA4 6HL  
United Kingdom

Tel +44 1925 611 200  
[training@risktec.tuv.com](mailto:training@risktec.tuv.com)  
[risktec.tuv.com](http://risktec.tuv.com)