



**DESIGN AND MONITORING OF STRUCTURES**



**FUNDAMENTALS OF EUROCODE 7 PARTS 1 & 2**  
**DESIGN OF SHALLOW FOUNDATIONS**  
**DESIGN OF DEEP FOUNDATIONS**



**EUROPEAN UNION**  
**LOAD COMBINATIONS**  
**DESIGN**  
**ART 1 EN 1997**

**A series of one-day courses for civil, structural,  
and geotechnical engineers in Spring 2010**

## **Dr Andrew Bond**

**MA MSc PhD DIC MICE CEng**

... is a UK delegate on the Eurocode 7 Committee, former member of the UK's National Strategy Committee, and co-author of 'Decoding Eurocode 7' & BSI's 'Extracts from the Structural Eurocodes'. He has over 25 years experience in the design of pile foundations and he wrote the geotechnical software programs ReWaRD and Repute. Andrew has delivered Eurocode 7 training courses to major UK consultants, contractors, & public authorities, and overseas in Singapore and South Africa.

## **Andrew Harris**

**MSc DIC MICE CEng FGS**

... is co-author of 'Decoding Eurocode 7' and BSI's 'Extracts from the Structural Eurocodes'. He is a frequent speaker on Eurocode 7 and the design of pile foundations. Formerly he was Associate Dean at Kingston University, responsible for maintaining course standards and design and teaching civil engineering undergraduates and postgraduates. Andrew has over 25 years experience providing geotechnical consultancy to contractors and consultants, particularly for foundation design.

**Manchester 2nd March**  
**London 23rd March**

**Manchester 3rd March**  
**London 24th March**

## **Fundamentals of Eurocode 7 Parts 1 & 2**

*09.00 Registration and welcome*

General rules

Verification of limit states

Workshop (GEO)

Investigation standards

*13.00-14.00 Lunch*

Ground investigation and testing

Ground characterization

Workshop (characterization)

Execution standards

Summary and conclusions

*17.30 Close*

## **Design of shallow foundations**

*09.00 Registration and welcome*

Basis of geotechnical design

Design of spread foundations

Workshop (footing)

*13.00-14.00 Lunch*

Design of gravity walls

Workshop (gravity wall)

Design of slopes and

embankments

Workshop (slope)

Summary and conclusions

*17.30 Close*

## Pre-requisites

The 'Fundamentals' course requires no prior knowledge of Eurocode 7 and is an essential 'starter' for the more specialized 'Design of ...' courses.

The 'Design of ...' courses assume a good prior knowledge of Eurocode 7 (although some essential aspects are reviewed). It is important that you have previously attended our Fundamentals course (or similar).

## Feedback from 2009 ...

*"Excellent, good explanations and workshops with useful summary tables"*

*"Well presented, right level of details. Very enlightening"*

*"Illuminating. A lot of ground covered quickly but relatively painlessly"*

*"It's good to attend a course given by someone who can iron out the ambiguity in the code"*

**Manchester 4th March**  
**London 25th March**

**Are you ready for April 2010?**

## Design of deep foundations

09.00 Registration and welcome  
Basis of geotechnical design  
Design of embedded walls  
Workshop (anchored wall)  
Design of steel sheet piles  
13.00-14.00 Lunch

Design of pile foundations  
Workshop (concrete pile)  
Field testing of pile foundations  
Workshop (static load tests)  
Summary and conclusions  
17.30 Close

## Are you ready for April 2010?

British Standards Institution has announced the withdrawal of key British Standards (such as BS 8002 and BS 8004) with effect from April 2010. From that date, Eurocode 7 with its UK National Annex comes fully into effect.

These courses, which have been tried and tested over the last 6 years, prepare delegates for this once-in-a-lifetime transition to a new suite of geotechnical standards

# Booking form

Name

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Company

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Job title

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Address

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Postcode

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Telephone

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Fax

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Email

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## Fundamentals of Eurocode 7

02 Mar Manchester

23 Mar London

## Design of shallow foundations

03 Mar Manchester

24 Mar London

## Design of deep foundations

04 Mar Manchester

25 Mar London

## Payment

Cheque payable to Geocentrix Ltd

BACS payment to Geocentrix Ltd  
Sort code 20-84-17 A/c no 80097179

Credit card (see website for form)

Please invoice

# Terms & conditions

## Course fees

£300 plus VAT per day

£250 plus VAT (early-bird rate\*)

\*Applies if booking is received with payment at least 4 weeks before the course. Payment for all bookings must be received at least 1 week before the course.

Discounts are available for groups over 5 also available. Please contact us for details.

## Cancellations

An admin charge (£50+VAT) applies to cancellations received over 30 days before the course; no refund for cancellations within 30 days of the course. Delegates may be substituted at any time.

## How to book

Send booking form & payment to:

Geocentrix Ltd

Scenic House, 54 Wilmot Way

Banstead, Surrey, SM7 2PY

t: 01737 373963

f: 01737 373980

e: [training@geocentrix.co.uk](mailto:training@geocentrix.co.uk)

w: [www.geocentrix.co.uk/training](http://www.geocentrix.co.uk/training)

## Legal stuff

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