

Eurocodes

EN 1997 "Geotechnical Design"



cpd

Everyone is moving
in the same direction

Familiarise yourself with Eurocodes now!

11 May 2009, Engineers Ireland, 22 Clyde Road, Ballsbridge, Dublin 4.

From 2010 and indeed earlier, current design standards including Irish and British Standards will be withdrawn and no longer supported. Eurocodes will be fully in place from March 2010 for implementation.

Now is the time to familiarise yourselves with these codes!

11 May
Engineers Ireland
22 Clyde Road
Ballsbridge
Dublin 4

Course Objectives

The course will present methods of design of foundations, piles, retaining walls and slopes which will comply with Eurocode 7, Geotechnical Design- Pt 1:General Rules and to the Irish National Annex to that code. Ireland is unique in permitting the use of all three design approaches in its National Annex. The course will outline the basic principles of the EC7 and of the different design approaches and give design examples of the use of each approach.

Programme

Session 1	09.15 – 09.45	Introduction to EC 7:Pt1/Design Approaches – Dr Eric R Farrell
Session 2	09.45 – 10.15	Geotechnical data & characteristic parameters – Dr Trevor Orr
Session 3	10.15 – 11.00	Foundation design – Dr Trevor Orr
	11.00 – 11.30	Coffee Break
Session 4	11.30 – 12.00	Foundation design – Examples– Dr Trevor Orr
Session 5	12.00 – 12.30	Pile foundation design – Dr Eric Farrell
Session 6	12.30 – 13.00	Pile foundation design – examples- Dr Eric Farrell
	13.00 – 14.15	Lunch Break
Session 7	14.15 – 14.45	Design of retaining structures - Dr Eric Farrell
Session 8	14.45 – 15.15	Design of retaining structures – examples -Dr Eric Farrell
	15.15 – 15.40	Coffee Break
Session 9	15.40 – 16.10	Slope stability – Dr Trevor Orr
Session 10	16.10 – 16.30	Overview of EC7 in practice – Sean MacEoin
	16.30 – 17.00	Questions & Answers
	17.00	End of Session

Speakers

Dr. Eric R Farrell, Dept of Civil, Structural and Environmental Engineering, TCD
Dr. Trevor Orr, Dept of Civil, Structural and Environmental Engineering, TCD
Mr. Sean MacEoin, Faber Maunsell

