

1-Day Soil and Water Management Workshop

Tuesday 14th May 2013

National Soil Resources Institute (NSRI), Cranfield Water Sciences Institute (CWSI) and Rothamsted Research

Course overview:

Effective soil and water management are essential in order to optimise crop yields and yield quality and soil functionality for sustainable, profitable UK food production. This one-day course provides a concise technical overview of key factors pertinent to effective soil and water management as well as practical demonstrations of soil properties conducive to and constraining effective water management.

Areas covered will include:

- Water management in the context of crop water requirement, crop quality, water availability, climate change and diffuse pollution
- Defining, soil texture, structure, density, porosity and water content, water potential, flow and rates of movement, infiltration, and water release characteristics
- Relevance of irrigation efficiency; role of scheduling and management; equipment selection and maintenance; irrigation system auditing
- Role of tillage, soil organic matter, soil erosion processes, capping and compaction in water management

Practical demonstrations:

A series of informative and interactive soil management demonstrations will be held. Participants will be subdivided into three groups which will rotate around the following activities;

- Group 1: Relationship between soil texture, structure, bulk density, porosity and infiltration
- Group 2: Soil erosion processes and mitigation options
- Group 3: Tillage options to alleviate soil compaction

Course Feedback:

Overall feedback from the attendees of the first 1-Day Soil and Water Management Workshop held on 24th January was very positive, with a 100% satisfaction rating for all aspects of the course. In addition, 70% of respondents claimed that the course worked 'well' or 'very well' in providing them with new skills or knowledge for use in their future career. For further details go to;

<http://www.agrifoodatp.ac.uk/aatp/news/attendees-commend-soil-and-water-management-course.aspx>.

Course fee[†]:

Course fee includes buffet lunch and refreshments. Each participant will receive a certificate on completion of the course. Delegates can claim 12 BASIS CPD points providing they attend the workshop in full.

Standard:	£375
Multiple bookings	£325 (more than 5 persons)

For eligible candidates, there are currently training bursaries for up to 100% of course fees available. For further information please see ATP forms and guidance

- <http://www.agrifoodatp.ac.uk/aatp/funding>

Location: Vincent Building (52) Lecture Room 5, Cranfield University, College Road, Cranfield, Bedfordshire, MK43 0AL.

†In the event of cancellation of booking, an administration fee of £50.00 will be deducted. Refunds will not be made without a genuine reason being given for cancellation and no refunds can be made after April 30th 2013. Applications for ATP bursaries are the responsibility of applications and no deductions in fees payable can be made by Cranfield University.

1-Day Soil and Water Management Workshop Cranfield University

BOOKING FORM

For priority booking, please complete this booking form and return with full payment to arrive by 30th April 2013. A receipted VAT invoice will be issued.

Company*			
Invoice address*			
	Post code		
Telephone*		Fax*	

Please give name(s) & tick as applicable	Name*	E-mail*	BASIS registered
Delegate 1*			
Delegate 2*			
Delegate 3*			
Delegate 4*			
Delegate 5*			
Special requests			
Contact address (if different from invoice address)			
	Post code		
Telephone			
E-mail			
Fax			

***Required information**

Please book place (s) as detailed above on the 1-Day Soil and Water Management Workshop Cranfield University.

Payment: (tick) I enclose a cheque for £..... made payable to Cranfield University

Or Please invoice me (to the invoice address above)

Signed:

Date:

Please return printed form duly signed and enclosing payment or invoice to:

Academic Operations Unit (Building 115)
Cranfield University,
Cranfield,
Bedfordshire,
MK430AL
E-mail: shortcourse@cranfield.ac.uk
Tel: +44 (0)1234 754176
Fax: +44 (0) 1234 751206

Cranfield UNIVERSITY

Cranfield, Bedfordshire, MK43 0AL

Tel: +44 (0)1234 750111 Fax: +44 (0)1234 750875
 Website: www.cranfield.ac.uk/locations/cranfield
 Email: info@cranfield.ac.uk

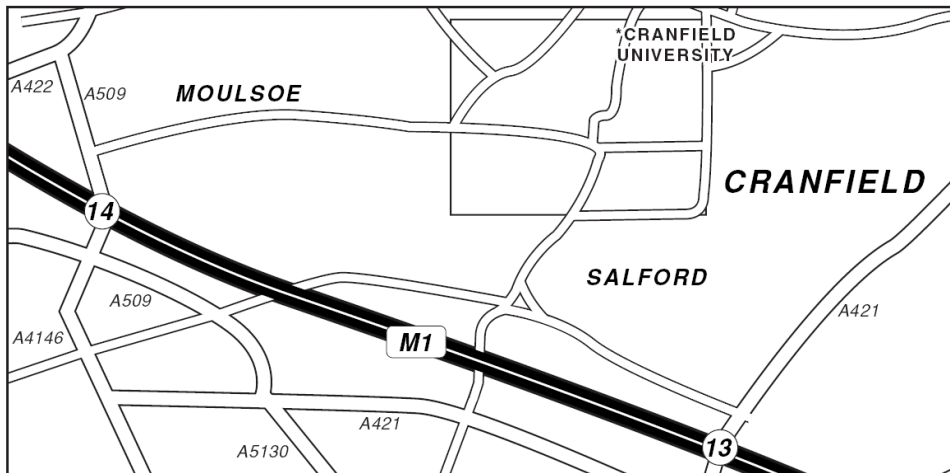
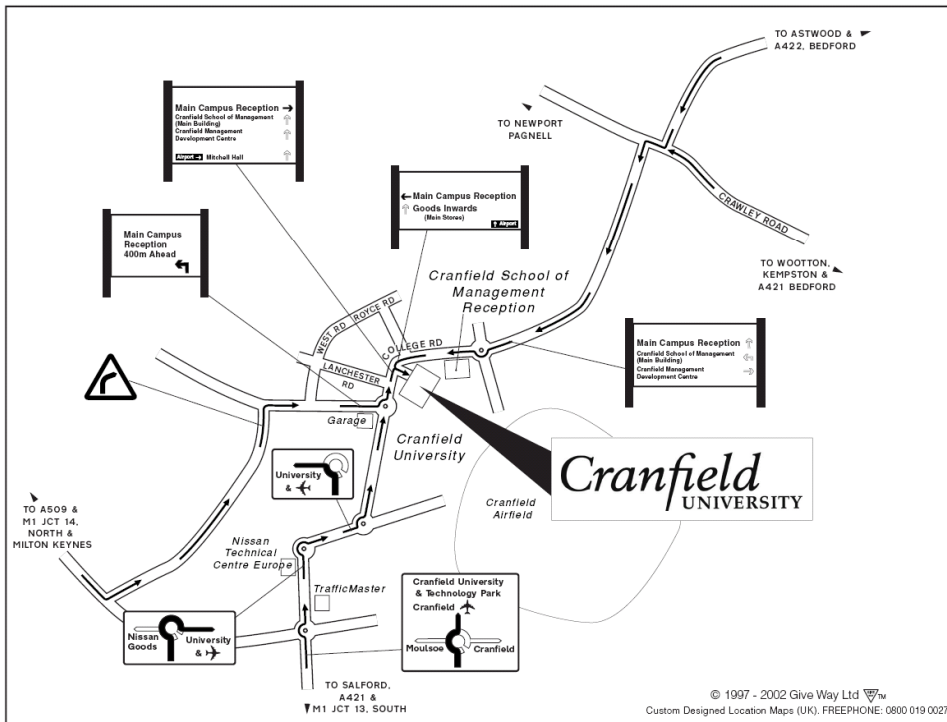
Public Transport



By Rail, Bedford:
 on London St. Pancras - Leicester line. A bus service is available from Bedford to Cranfield University.
 Milton Keynes Central:
 on London Euston - North and North West line. Frequent, fast services. A bus service is available from Milton Keynes bus station to Cranfield University.



By Air, Cranfield Airport:
 is capable of handling almost any aircraft, for arrangements please contact:
 Airport Manager 01234 754784
 London Luton:
 is a short train journey direct from Luton Airport Parkway station to Bedford.
 London Luton is also situated just off Junction 10 of the M1.



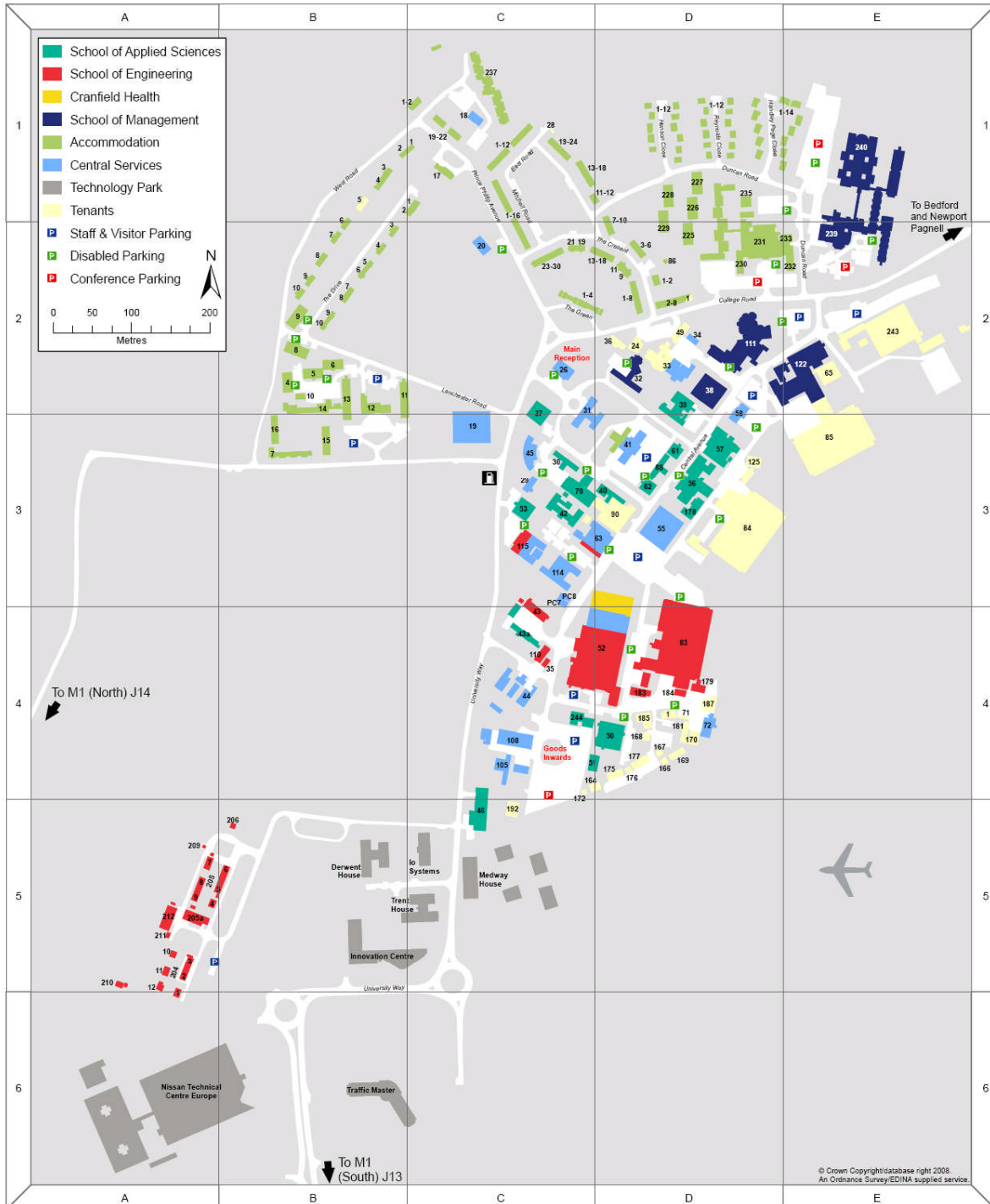
Visitor Permit – prior to arrival:

Permits can be issued prior to your arrival by contacting security and providing them with the details of the vehicle(s) due to park on campus – vehicle registration, name of the person you are visiting and the length of visit. The Visitor Permit can then be collected from Security on arrival.

To register your vehicle please either contact the person you are visiting or contact Security, Main Reception, Building 26, T: 01234 750111 Extn: 2200; E: security@cranfield.ac.uk

Visitor Permit – on the day:

Should it not be possible to arrange for a Visitor Permit to be issued in advance, visitors will need to visit Security on arrival to collect a parking permit.



Location	Receptions	Building
C2	Main Reception/Security	26
C4	Stores (Goods Inwards)	108
D3	School of Applied Sciences	62
D4	School of Engineering	83
D3	Cranfield Health	52
D2	School of Management	111
D3	Vice-Chancellor's Office (Stafford Cripps)	41

Location	Central Services and Facilities	Building
C3	Business Development	45
C3	Business Incubation Centre (CUBIC)	45
C1	Community Centre	18
E1	Cranfield Management Development Centre	240
C3	Cranfield Students' Association	114
C2	Cranfield University Pre-School	20
D2	Cranfield University Press	33
C4	Estates	44
C3	Finance	31
C3	Human Resources	29
D3	IT	63
D3	Kings Norton Library	55
C4	Mail Room	108
D2	Mitchell Hall	231
C3	Registry	115

Location	Accommodation	Building
D2	Accommodation Office, No1 College Road	
Campus Facilities		
D2	Bank	49
D2	Dentist, No1 College Road	
C3	Garage	
D2	Medical Centre	34
D2	Post Office and shop	24