

## GEOENVIRONMENTAL STANDARDS FOR SOIL & SITE ASSESSMENT – 3 July 2018

### Meeting of ISO TC190, Brno, Czech Republic – September 2018

As usual the number of UK “experts” expected to attend is at present only three. Further volunteers to attend would be very welcome.

### Revision of BS 10175

The response to the request for views regarding the need or otherwise for a formal revision of BS1075 +A2: 2017 has been disappointingly limited including from members of the BSI committee (EH4). BSI EH4 decided in June 2018 to delay any action given the apparent indifference by users of the standard. In the meantime, anyone that has views about the need for revision should continue to send them to BSI ([jessy.mathew@bsigroup.com](mailto:jessy.mathew@bsigroup.com)).

### Sampling soils for VOCs

The drafting panel (EH4/06) for this new standard (BS10176) met for the first time on 3 May. The aim is to circulate the Draft for Public comment in February 2019.

### BS ISO 1400 Series of Standards – Soil quality – Sampling

There has been some progress regarding the remaining five members of the BS ISO 18400 series of standards (-104, -202, -203, -205 and -206).

**ISO 18400-104 (sampling strategies):** ISO is preparing the FDIS

**ISO 18400-202 (preliminary investigations):** FDIS to be circulated for comment in early July.

**ISO 18400-203 (potentially contaminated sites):** FDIS to be circulated for comment in early July.

**ISO 18400-205 (natural and near natural etc. sites):** FDIS to be circulated for comment in early July.

**ISO 18400-206 (sampling for biological testing):** Proceeding to publication.

### EN ISO 25177 Field soil description – Revision

This standard had been around for a long time. However, the DIS which was recently circulated was not of acceptable quality in terms of English and conformity with ISO rules. BSI & Germany voted against the draft standard proceeding to FDIS. The UK has asked for a second DIS to be produced. Following a meeting in Paris at the end of May, a substantially revised version is being prepared for discussion in September 2018. A decision whether to produce a second DIS will be made in September.

### ISO 15800 Soil characterisation in relation to human exposure - Revision.

Not previously a BS. The UK has asked for a second DIS to be produced. Comments on the DIS will be discussed in September 2018.

Mike Smith



*Note: This is not a complete listing of on-going projects. At anyone time there are also a number of geotechnical and ground engineering standards progressing through the ISO/CEN/BS system.*

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<b>BSI PROJECTS</b>		
BS10175	Discussion about possible revision was started at the meeting of BSI EH4 held on 26 October. Public consultation about the need for revision carried out February/March. Responses discussed at EH4 meeting in June.	To be considered further at EH4 meeting in October. No action expected before mid-2019.
New British Standard BS10176	Sampling of soils for determination of VOCs	First meeting of the Drafting Panel was held on 3 May. Target date for DPC is February 2019
Amendment of BS 5930	Ground investigation	Consultation in progress.
Amendment of BS 8485	Protection of buildings against ground gas	Consultation in progress
<b>BS ISO 18400 Series</b>		
(BS) DIS 18400-104	Strategies	FDIS being prepared by ISO
(BS) (F)DIS 18400-202	Preliminary investigations	FDISs agreed by ISO and awaiting distribution.
(F) DIS 18400-203	Investigations of potentially contaminated sites	
(BS) DIS 18400-205	Investigation of agricultural, near-natural and natural sites	
(BS) DIS 18400-206	Sampling for biological assessments	Proceeding to publication
<b>OTHER ISO STANDARDS ON SOIL &amp; SITE ASSESSMENT</b>		
BS EN ISO DIS 15175 (REVISION)	Soil & groundwater protection	Proceeding to FDIS
BS ISO 15176 (REVISION)	Re-use of excavated soil and soil materials	Comments on DIS to be dealt with.
BS ISO 15799 (REVISION)	Ecotoxicological characterization of soil & soil materials	Comment period on DIS closed.
ISO 15800 (REVISION)	Human exposure	Comments on DIS to be discussed Sept 2018
BS EN ISO DIS 16133	Design of monitoring programmes [for soil quality]	Proceeding to FDIS
ISO DIS 17924	Bioavailability of metals in soil to humans	FDIS issued
BS ISO 18512:2007	Guidance on long & short term storage of samples	May be revised – decision pending
BS EN ISO 19258 (REVISION)	Determination of background values	To proceed to FDIS/publication
CD 21365	Conceptual site models for potentially contaminated sites	DIS finalised by Drafting Panel May 2018
BS EN ISO 21577 (revision)	Field soil description	Comments on DIS discussed in Paris at end of May. New version to be produced by September.

*CD = Committee Draft, DIS = Draft International Standard, FDIS = Final Draft International Standard, NWIP = New Work Item Proposal, WD = Working Draft*

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