

---

---

**Soil quality — Sampling —**

Part 6:

**Guidance on the collection, handling and storage of soil under aerobic conditions for the assessment of microbiological processes, biomass and diversity in the laboratory**

*Qualité du sol — Échantillonnage —*

*Partie 6: Lignes directrices pour la collecte, la manipulation et la conservation, dans des conditions aérobies, de sols destinés à l'évaluation en laboratoire des processus, de la biomasse et de la diversité microbiens*



Reference number  
ISO 10381-6:2009(E)

© ISO 2009

**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



© ISO 2009

**COPYRIGHT PROTECTED DOCUMENT**

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

# Contents

Page

Foreword.....	iv
Introduction .....	v
1 Scope .....	1
2 Terms and definitions.....	1
3 Procedure .....	1
3.1 Selection of sampling locations .....	1
3.2 Description of field site .....	2
3.3 Sampling conditions.....	2
3.4 Sampling methods.....	2
3.5 Sample marking .....	2
3.6 Transportation conditions .....	2
3.7 Soil processing .....	2
3.8 Storage conditions and storage periods.....	3
3.9 Pre-incubation.....	4
4 Sampling report .....	4
Bibliography .....	6