

DIN EN ISO 23611-6:2013-11 (E)

Soil quality - Sampling of soil invertebrates - Part 6: Guidance for the design of sampling programmes with soil invertebrates (ISO 23611-6:2012)

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
3.1 Soil biology	6
3.2 Soil protection	7
3.3 Methods	8
4 Principle	8
4.1 General	8
4.2 Question to be answered when planning a field study	9
5 Objectives of sampling	10
5.1 General	10
5.2 General remarks	10
5.3 Pre-conditions	11
5.4 The performance of the site-specific assessment of contaminated land	11
5.5 The study of potential side effects of anthropogenic impacts	11
5.6 The biological classification and assessment of soils in order to determine the biological quality of soils	11
5.7 Biogeographical monitoring in nature protection or restoration	12
6 Samples and sampling points	12
6.1 General	12
6.2 Sampling patterns	12
6.3 Selecting and identifying the sampling location	13
6.4 Preparation of the sampling site	13
6.5 Further general advice on sampling performance	14
7 Practical considerations for the biological sampling of soils	14
7.1 General	14
7.2 Formal preparations	14
7.3 Requirements on sampling personnel and safety precautions	14
7.4 Preliminary survey	15
7.5 Main study	16
8 Design options for sampling soil invertebrates	16
8.1 Introduction	16
8.2 Description of possible sampling strategies	17
8.3 Recommendations from the European programme ENVASSO (Environmental Assessment of Soil for Monitoring)	21
9 Sampling report	23
10 Quality control and quality assurance	24
Annex A (informative) Case studies	25
Bibliography	41