DIN EN ISO 16133:2019-07 (E)

Soil quality - Guidance on the establishment and maintenance of monitoring programmes (ISO 16133:2018)

Contents

Page

EN ISO 16133:2018 (E) European foreword 3

Foreword 4

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Monitoring objectives 7
4.1 General 7
4.2 Examples of monitoring purposes 7

5 Monitoring programme 8
5.1 General considerations 8
5.2 Elements of a monitoring programme 9
5.2.1 Status of the monitoring sites 9
5.2.2 Changes at the monitoring sites 9
5.2.3 Interpretation of status and changes 9
5.2.4 Statistical sampling design 9
5.2.5 Selection of sites in space 10
5.2.6 Resampling in time 10
5.3 Sampling and measurement 11
5.3.1 General 11
5.3.2 Site design and identification 11
5.3.3 Soil and site description 11
5.3.4 Sampling 11
5.3.5 Field and laboratory measurements 11
5.3.6 Specimen banking 11
5.3.7 Time interval between samplings 12

6 Data quality and quantity 12

Bibliography 14