

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