

ISO 16133:2004-03 (E)

Soil quality - Guidance on the establishment and maintenance of monitoring programmes

| Contents | | Page |
|---|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Terms and definitions | 1 |
| 3 | Monitoring objectives | 3 |
| 3.1 | General | 3 |
| 3.2 | Examples of monitoring purposes | 4 |
| 4 | Monitoring programme | 4 |
| 4.1 | General considerations | 4 |
| 4.2 | Elements of a monitoring programme | 5 |
| 4.2.1 | Status of the monitoring sites | 5 |
| 4.2.2 | Changes at the monitoring sites | 5 |
| 4.2.3 | Interpretation of status and changes | 6 |
| 4.2.4 | Selection of sites | 6 |
| 4.3 | Sampling and measurement | 7 |
| 4.3.1 | General | 7 |
| 4.3.2 | Site design and identification | 7 |
| 4.3.3 | Soil and site description | 7 |
| 4.3.4 | Sampling | 7 |
| 4.3.5 | Field and laboratory measurements | 7 |
| 4.3.6 | Specimen banking | 7 |
| 4.3.7 | Time interval between samplings | 8 |
| 5 | Data quality and quantity | 8 |
| Annex A (informative) Examples of monitoring programmes | | 9 |
| Bibliography | | 33 |