DIN EN ISO 17616:2023-08 (E)

Soil quality - Guidance on the choice and evaluation of bioassays for ecotoxicological characterization of soils and soil materials (ISO 17616:2019)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

3.1 Assessment ... 6

3.2 Types of soil and other soil materials ... 7

3.3 Terms relating to Soil characteristics ... 7

3.4 Land and sites ... 8

4 Principles and applications of test batteries ... **8**

5 Testing strategy and interpretation of test results according to the use and re-use of soils / soil materials and soil functions ... **9**

5.1 Monitoring of soil treatment success ... 9

5.2 Assessment of the ecotoxic potential of soils / soil materials ... 9

5.2.1 General ... 9

5.2.2 Choice of test battery and evaluation of test results for assessing retention function ... 10

5.2.3 Choice of test battery and evaluation of test results for assessing habitat function ... 13

Annex A (informative) **Tests with soil eluate — Expression of results** ... **15**

Bibliography ... **16**