

ISO 14055-1:2017-10 (E)

Environmental management - Guidelines for establishing good practices for combatting land degradation and desertification - Part 1: Good practices framework

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
3.1	Terms related to combatting land degradation and desertification	1
3.2	Terms related to land	4
4	Principles	6
4.1	General	6
4.2	Sustainable development	6
4.3	Transparency	7
4.4	Social responsibility	7
4.5	Partnership	7
4.6	Scientific approach	7
4.7	Good governance	8
4.8	Alignment with national, regional and international initiatives	8
4.9	Respect for human rights	8
5	Identification of factors contributing to land degradation and desertification	8
5.1	General	8
5.2	Drivers of land degradation and desertification	8
5.2.1	Overview of factors affecting the function of ecosystems	8
5.2.2	Natural factors contributing to land degradation and desertification	9
5.2.3	Anthropogenic factors contributing to land degradation and desertification	10
5.3	Forms of land degradation	11
5.3.1	Soil erosion	11
5.3.2	Deterioration of soil chemical properties	12
5.3.3	Deterioration of soil physical properties	13
5.3.4	Degradation of soil biological properties	13
5.3.5	Degradation of soil water properties	13
5.3.6	Degradation of ecosystem structure and biodiversity	14
6	Guidelines for establishing good practices and monitoring their implementation	14
6.1	Objectives for good practices to combat land degradation and desertification	14
6.1.1	General	14
6.1.2	Objectives to consider when establishing good practices	14
6.2	Identifying applicable good practices	15
6.2.1	Identify regionally relevant land degradation and desertification factors	15
6.2.2	Identifying legality and restrictions in the land use	15
6.2.3	Criteria for good practices to combat land degradation and desertification	15
6.3	Framework for planning and implementing good practices	16
6.3.1	General	16
6.3.2	Developing a good practices action plan	17
6.3.3	Implementing the action plan for good practices	18
6.3.4	Monitoring the effectiveness of implementation of the action plan	18
6.3.5	Reviewing and refining the good practices action plan	19

6.4	Communication	19
	Annex A (informative) Natural factors contributing to land degradation	20
	Annex B (informative) Anthropogenic factors contributing to land degradation	24
	Bibliography	28