

ISO 14046:2014-08 (E)

Environmental management - Water footprint - Principles, requirements and guidelines

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
3.1	Terms relating to types and classifications of water	1
3.2	Terms relating to water	3
3.3	Terms relating to life cycle assessment and water footprint assessment	3
3.4	Terms relating to interpretation and reporting of water footprint results	5
3.5	Terms relating to products, product systems, processes and organizations	6
3.6	Terms relating to data and data quality	8
4	Principles	8
4.1	General	8
4.2	Life cycle perspective	8
4.3	Environmental focus	9
4.4	Relative approach and functional unit	9
4.5	Iterative approach	9
4.6	Transparency	9
4.7	Relevance	9
4.8	Completeness	9
4.9	Consistency	9
4.10	Accuracy	9
4.11	Priority of scientific approach	9
4.12	Geographical relevance	9
4.13	Comprehensiveness	10
5	Methodological framework	10
5.1	General requirements	10
5.2	Goal and scope definition	11
5.3	Water footprint inventory analysis	15
5.4	Water footprint impact assessment	20
5.5	Interpretation of the results	24
5.6	Limitations of water footprint	25
6	Reporting	25
6.1	General	25
6.2	Additional requirements and guidance for third-party reports	26
6.3	Comparative assertion and comparative studies	29
7	Critical review	29
7.1	General	29
7.2	Need for critical review	30
7.3	Critical review by internal or external expert	30
7.4	Critical review by panel of interested parties	30
Annex A (normative) Additional requirements and guidelines for organizations		31
Bibliography		33