

# ISO/TR 19814:2017-07 (E)

## Information and documentation - Collections management for archives and libraries

<b>Contents</b>		<b>Page</b>
	<b>Foreword</b> .....	<b>vi</b>
	<b>Introduction</b> .....	<b>vii</b>
<b>1</b>	<b>Scope</b> .....	<b>1</b>
<b>2</b>	<b>Normative references</b> .....	<b>1</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>1</b>
<b>4</b>	<b>Preservation in collections management</b> .....	<b>5</b>
4.1	Collections management practices.....	5
4.1.1	General.....	5
4.1.2	Training of staff.....	6
4.1.3	Training of external users.....	6
4.2	Preservation policy.....	6
4.2.1	General.....	6
4.2.2	Documenting policies and procedures.....	6
4.2.3	Record and transfer of ownership.....	7
4.2.4	Ownership marking.....	7
4.3	Preservation planning.....	9
4.3.1	General.....	9
4.3.2	Avoidance of hazards.....	9
4.3.3	Preservation risk management cycle.....	10
4.3.4	Documentation for preservation planning.....	11
4.4	Emergency preparedness and response plan for collections.....	12
4.4.1	General.....	12
4.4.2	Emergency preparedness plan.....	12
4.5	Security of archive and library collections.....	12
4.5.1	General.....	12
4.5.2	Security plan.....	13
4.5.3	Security during transport and loan.....	13
4.5.4	Documentation of loans and transfers.....	14
<b>5</b>	<b>Collections storage preservation environment</b> .....	<b>14</b>
5.1	Overview.....	14
5.2	Managing the collections storage preservation environment.....	14
5.2.1	General.....	14
5.2.2	Monitoring the environment.....	14
5.2.3	Controlling light exposure.....	15
5.3	Preventive environmental measures.....	15
5.3.1	General.....	15
5.3.2	Exclude exterior sources of pollution.....	15
5.3.3	Manage internal sources of pollution.....	16
5.4	Integrated pest management.....	16
5.4.1	General.....	16
5.4.2	Preventing pest infestation.....	16
5.5	Cleaning of collections storage areas.....	17
5.6	Time out of storage.....	18
5.7	Other environments for collections.....	18
<b>6</b>	<b>Shelving for archive and library collections</b> .....	<b>19</b>
6.1	Shelf planning.....	19
6.1.1	General.....	19
6.1.2	Basic recommendations for shelving.....	19
6.1.3	Arrangement of runs.....	21
6.1.4	Gangways and aisles.....	21
6.1.5	Materials used in shelving.....	21
6.2	Shelf design.....	22

6.2.1	General.....	22
6.2.2	Uprights.....	22
6.2.3	Access.....	22
6.2.4	Bracing.....	22
6.3	Mobile shelving.....	23
6.3.1	Construction.....	23
6.3.2	Movement of runs.....	23
6.3.3	Stability.....	24
6.3.4	Load warning notices and shelf usage.....	24
6.3.5	Fire control.....	25
6.4	Storage for oversize documents.....	25
6.4.1	General.....	25
6.4.2	Storage area.....	25
6.4.3	Risk of strain and distortion.....	25
6.4.4	Unrolled horizontal storage.....	25
6.4.5	Cabinets for oversized documents.....	25
6.4.6	Vertical storage for oversized documents.....	26
6.5	Rolled documents.....	26
6.5.1	General.....	26
6.5.2	Cantilever shelving.....	26
6.6	Oversize or heavy-bound volumes.....	27
6.7	Cupboards and chests.....	27
<b>7</b>	<b>Collections maintenance.....</b>	<b>27</b>
7.1	General.....	27
7.2	Packaging paper, parchment, bound volumes and other traditional archive and library collections.....	28
7.2.1	General.....	28
7.2.2	Loose sheets.....	29
7.2.3	Oversize documents.....	29
7.2.4	Rolled documents.....	29
7.2.5	Other traditional archive collections.....	30
7.2.6	Bound volumes.....	30
7.2.7	Seals and lead bullae.....	30
7.3	Packaging of analogue photographic material and audiovisual media.....	31
7.3.1	Paper-based photographs.....	31
7.3.2	Glass plate negatives and slides.....	31
7.3.3	Photographic sheet film negatives.....	31
7.3.4	Microfilm.....	32
7.3.5	Moving image film.....	32
7.4	Machine-readable documents.....	33
7.4.1	General.....	33
7.4.2	Magnetic media.....	33
7.4.3	Gramophone records.....	34
7.4.4	Sound cylinders.....	34
7.5	Electronic media.....	35
7.5.1	General.....	35
7.5.2	Optical discs.....	35
<b>8</b>	<b>Treatments and reformatting.....</b>	<b>36</b>
8.1	General.....	36
8.2	Mould removal.....	37
8.3	Disinfestation of collections.....	37
8.4	Deacidification of paper.....	38
8.5	Paper strengthening.....	38
8.6	Binding.....	38
8.7	Reformatting.....	38
8.7.1	General.....	38
8.7.2	Digitization.....	38

8.7.3 Digitized archive and library collections..... 39  
8.7.4 Photocopying ..... 40  
8.7.5 Microfilming..... 40  
**Annex A (informative) Packaging enclosures and materials ..... 41**  
**Annex B (informative) Exhibition of archives and library collections ..... 48**  
**Bibliography..... 53**