Changing the number of pages will automatically change the page numbers)

Contents	Main Coordinators	No. of pages	Page no.
Title page	JRC	1	2
Publishing details	JRC	<u>'</u> 1	3
Authors, contributors, acknowledgements	JRC	<u>'</u> 1	4
Contents	JRC	2	6
Photo page	JRC	1	7
Preface, foreword, etc.	JRC	<del>'</del> 1	8
Tretace, foreword, etc.	ONO	<u>'</u>	0
Introduction & photo page	JRC	1	9
Scope of the Atlas	JRC	1	10
What is soil	JRC	1	11
Soil forming factors?	EM	1	12
Maps of location, topography, average			
rainfall/temperature, land cover/population density,	EM/JRC	6	18
etc.			
Soil forming processes	HBM	6	24
Role and importance of soil	ASSS/FAO	2	26
Nutrient cycle	ASSS/FAO	0,5	26,5
Soil and agriculture	ASSS/FAO	0,5	27
Soil and biodiversity	ASSS/FAO	0,5	27,5
Soil and cultural heritage/tenure	ASSS/FAO	0,5	28
Raw materials	ASSS/FAO	0,5	28,5
Health	ASSS/FAO	0,5	29
Climate change	ASSS/FAO	0,5	29,5
Trade	ASSS/FAO	0,5	30
Threats to soil (PB/BN)	ASSS/FAO	1	31
(e.g. urbanisation, desertification)	7.000,7.70	<u>.</u>	
The soil of Africa & photo page		1	32
Introduction to soil classification	EVR	1	33
Development of soil classification in Africa	EVR/PLR	1	34
WRB: a harmonizing approach	EM	2	36
Major soil types of Africa (WRB)	OS	6	42
Indigenous soil classifications	FAO/ASSS	1	43
Soil assessment/land evaluation	EVR/FAO	1	44
	% of the atlas is		· ·
Soil maps	JRC	2	46
Mapping soil: what & how	JRC	2	48
Overview map:major soil types of Africa (based on 5M FAO)	JRC	2	50
Key Soil Properties (FAO 1 km): texture, pH,	JRC	5	55
Other properties (FAO 1 km)	JRC	1	56
Index to the country maps	JRC	2	58

Legend (WRB -L2)	2 8 4 2 8 4 2 8 4 2 8 4 2 8 4 2 4 2 4 2	62 70 74 76 84 88 90 98 102 104 112 116 118 122
Small scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview CEMAC 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview ECOWAS 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview IGAD 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview IOC 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview SADAC 1:30MJRCSmall scale detail 3-4 sheets per regionJRCSmall scale detail 3-4 shee	4 2 8 4 2 8 4 2 8 4 2 8 4 2 4	74 76 84 88 90 98 102 104 112 116 118 122
Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview CEMAC 1:30M Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview ECOWAS 1:30M Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview IGAD 1:30M JRC Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview IGAD 1:30M JRC Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview IOC 1:30M JRC Small scale detail 3-4 sheets per region JRC Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview SADAC 1:30M JRC Small scale detail 3-4 sheets per region JRC Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview SADAC 1:30M JRC Small scale detail 3-4 sheets per region JRC Large scale examples of soil maps x 2? Archived maps/GIS Aprican soil in a global context JRC From manual to digital (GIS)/African soil databases JRC Soil of the regions (photo & introduction) Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	2 8 4 2 8 4 2 8 4 2 8 4	76 84 88 90 98 102 104 112 116 118 122
Regional Overview CEMAC 1:30M Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview ECOWAS 1:30M Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview IGAD 1:30M Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview IGAD 1:30M Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview IOC 1:30M Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview SADAC 1:30M JRC Small scale detail 3-4 sheets per region JRC Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview SADAC 1:30M JRC Small scale detail 3-4 sheets per region JRC Large scale examples of soil maps x 2? Archived maps/GIS Map: African soil in a global context JRC From manual to digital (GIS)/African soil databases JRC  Soil of the regions (photo & introduction) Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	8 4 2 8 4 2 8 4 2 4 2 4	84 88 90 98 102 104 112 116 118 122
Small scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview ECOWAS 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview IGAD 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview IOC 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview SADAC 1:30MJRCSmall scale detail 3-4 sheets per regionJRCSmall scale detail 3-4 sheets per regionJRCFrom manual to digital (GIS)/African soil databasesJRCFrom manual to digital (GIS)/African soil databasesJRCSoil of the regions (photo & introduction)Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	4 2 8 4 2 8 4 2 4 2 4	84 88 90 98 102 104 112 116 118 122
Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview ECOWAS 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IGAD 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IGAD 1:30M  JRC  Small scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IOC 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview SADAC 1:30M  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  JRC	4 2 8 4 2 8 4 2 4 2 4	88 90 98 102 104 112 116 118 122
Regional Overview ECOWAS 1:30M  Regional Overview ECOWAS 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IGAD 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IOC 1:30M  Regional Overview IOC 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview SADAC 1:30M  JRC  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview SADAC 1:30M  JRC  Small scale detail 3-4 sheets per region  JRC  Large scale examples of soil maps x 2? Archived JRC  Small scale detail 3-4 sheets per region  JRC  Large scale examples of soil maps x 2? Archived JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  JRC  JRC  JRC  JRC  JRC  JR	2 8 4 2 8 4 2 2 4	90 98 102 104 112 116 118 122
Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IGAD 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IOC 1:30M  Regional Overview IOC 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview SADAC 1:30M  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region  JRC  JRC  Small scale detail 3-4 sheets per region	8 4 2 8 4 2 4	98 102 104 112 116 118 122
Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IGAD 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IOC 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived JRC  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived JRC  Regional Overview SADAC 1:30M  Small scale detail 3-4 sheets per region  JRC  Small scale detail 3-4 sheets per region  JRC  Large scale examples of soil maps x 2? Archived JRC  Large scale examples of soil maps x 2? Archived JRC  Small scale detail 3-4 sheets per region  JRC	4 2 8 4 2 4	102 104 112 116 118 122
maps/GISJRCRegional Overview IGAD 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview IOC 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCRegional Overview SADAC 1:30MJRCSmall scale detail 3-4 sheets per regionJRCLarge scale examples of soil maps x 2? Archived maps/GISJRCMap: African soil in a global contextJRCFrom manual to digital (GIS)/African soil databasesJRCSoil of the regions (photo & introduction)Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	2 8 4 2 4	104 112 116 118 122
Regional Overview IGAD 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IOC 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview SADAC 1:30M  Regional Overview SADAC 1:30M  JRC  Small scale detail 3-4 sheets per region  JRC  Small scale detail 3-4 sheets per region  JRC  Large scale examples of soil maps x 2? Archived JRC  Large scale examples of soil maps x 2? Archived JRC  Maps/GIS  Map: African soil in a global context  JRC  Soil of the regions (photo & introduction)  Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	8 4 2 4	112 116 118 122
Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview IOC 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview SADAC 1:30M  Regional Overview SADAC 1:30M  JRC  Small scale detail 3-4 sheets per region  JRC  Small scale detail 3-4 sheets per region  JRC  Large scale examples of soil maps x 2? Archived maps/GIS  Map: African soil in a global context  JRC  From manual to digital (GIS)/African soil databases  JRC  Soil of the regions (photo & introduction)  Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	4 2 4	116 118 122
Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview IOC 1:30M Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview SADAC 1:30M JRC Small scale detail 3-4 sheets per region JRC Small scale detail 3-4 sheets per region JRC Large scale examples of soil maps x 2? Archived JRC Large scale examples of soil maps x 2? Archived JRC Maps/GIS Map: African soil in a global context JRC From manual to digital (GIS)/African soil databases JRC  Soil of the regions (photo & introduction) Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	2 4	118 122
Regional Overview IOC 1:30M Small scale detail 3-4 sheets per region Large scale examples of soil maps x 2? Archived maps/GIS Regional Overview SADAC 1:30M JRC Small scale detail 3-4 sheets per region JRC Large scale examples of soil maps x 2? Archived maps/GIS Map: African soil in a global context JRC From manual to digital (GIS)/African soil databases JRC  Soil of the regions (photo & introduction) Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	4	122
Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived  maps/GIS  Regional Overview SADAC 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived  maps/GIS  Map: African soil in a global context  From manual to digital (GIS)/African soil databases  JRC  Soil of the regions (photo & introduction)  Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	4	122
Large scale examples of soil maps x 2? Archived maps/GIS  Regional Overview SADAC 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived JRC  Large scale examples of soil maps x 2? Archived JRC  Map: African soil in a global context  JRC  From manual to digital (GIS)/African soil databases  JRC  Soil of the regions (photo & introduction)  Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with		
Regional Overview SADAC 1:30M  Small scale detail 3-4 sheets per region  Large scale examples of soil maps x 2? Archived  maps/GIS  Map: African soil in a global context  JRC  From manual to digital (GIS)/African soil databases  JRC  Soil of the regions (photo & introduction)  Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with		124
Large scale examples of soil maps x 2? Archived  maps/GIS  Map: African soil in a global context  From manual to digital (GIS)/African soil databases  JRC  Soil of the regions (photo & introduction)  Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	2	126
maps/GIS  Map: African soil in a global context  From manual to digital (GIS)/African soil databases  JRC  Soil of the regions (photo & introduction)  Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	8	134
From manual to digital (GIS)/African soil databases  JRC  Soil of the regions (photo & introduction)  Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	4	138
Soil of the regions (photo & introduction) Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	2	140
Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	2	142
Soils of the Mediterranean Region: 3 or 4 examples of the dominant soil types and the relation with	2	144
	2	146
Soils of the Deserts: 3 or 4 examples of the dominant soil types and the relation with life/introduction!	2	148
Soils of the Sahel: 3 or 4 examples of the dominant soil types and the relation with life/introduction!	2	150
Soils of the Rainforest: 3 or 4 examples of the dominant soil types and the relation with life/introduction!	2	152
Soils of the Highlands and Mountains: 3 or 4 examples of the dominant soil types and the relation with life/introduction!	2	154
Soils of the South: 3 or 4 examples of the dominant soil types and the relation with life/introduction!	2	156

Soils of Wetlands and Valleys: 3 or 4 examples of the dominant soil types and the relation with life/introduction!		2	158
Case studies on Africa's soil (Photo & Intro) JRC/ASSS	OS	2	160
Strengths (health, nutrients,culture	OS	2	162
Weaknesses (non-renewable, complex, fragile, depends on climate	os	2	164
Opportunities (successful farming systems, proven management techniques, soil restoration potential, land management policy, land use change e.g. ecotourism)	os	2	166
Threats (desertification/land degradation, erosion, nutrient decline, loss in biodiversity, climate change, SOM, wetlands, compaction, acidification)	OS	2	168
Future perspective/challenges/conclusions	ASSS / AU / FAO / JRC	2	170
End pages: Additional information (e.g. List of contacts for further information, ASSS, FAO)	JRC	1	171
Glossary	JRC	1	172
Index?	JRC	1	173
JRC Mission and Sponsers (e.g. World Bank, UNESCO, BG FoundAU)	JRC	1	174