## **Contents**

## Background — V

Chapter 1		
Academic Library Systems, Services, and Products		
in the Arabian Gulf —— 1		
1.1	Introduction —— 1	
1.2	VUCA and Academic Libraries —— 1	
1.3	Beginnings of University Libraries in the Surroundings	
	of the Arabian Gulf —— 3	
1.4	About Keeping of Books and LIS Training — 4	
1.5	Library Management Systems — 9	
1.6	Academic Library Services —— 11	
1.7	Academic Library Products —— 13	
1.8	Culture and Service Provision —— 16	
1.9	Language and Library Communication —— 18	
1.10	Addressing Library User Satisfaction —— 19	
1.11	Conclusion —— 21	
Chapte	ar 7	
-	cement of Library Services in Academic Institutions —— 23	
2.1	Introduction — 23	
2.2	National Information Policy —— 23	
2.3	Intellectual Property Protection — 25	
2.4	Recent Developments: Implications for Universities	
2.4	and Academic Libraries — 27	
2.5	Open Access (OA) — 28	
2.6	Implications of OA Publishing on Library Consortia — 31	
2.7	Library Service in E-learning and Massive Online Open	
2.,,	Courses (MOOCs) — 33	
2.8	Comments — 34	
2.9	Conclusion —— 36	
Chapte		
	rch Data Management and Institutional Repositories —— 38	
3.1	Introduction —— 38	
3.2	A Discussion Whose Time has Come —— 38	
3.3	Research Data in Academic Libraries —— 40	

Research Data Types and Formats —— 42



3.4

3.5	Research Data Repositories —— 43	
3.6	The Context of Research Data Management —— 44	
3.7	Questions About RDM Efforts — 45	
3.8	Commenting on RDM at Universities — 45	
3.9	Concerning Policy for RDM Efforts —— 50	
3.10	RDM, Institutional Repositories (IRs), and Open Access (OA) —— 51	
3.11	Research Data Services (RDS) and Big Data — 54	
3.12	Librarians Supporting Researcher Skills — 57	
3.13	Conclusion — 58	
Chapt	er 4	
The Po	otential Impact of AI on Libraries: Competencies and Skills —— 60	
4.1	Introduction —— 60	
4.2	Defining AI —— 61	
4.3	Remotopia —— 62	
4.4	Use of AI in Academic Libraries —— 63	
4.5	Use of Bots in Arabian Gulf Academic Libraries —— 66	
4.6	Competencies and Skills; Education and Training for AI —— 67	
4.7	Discussion —— 69	
4.8	Summary of Concerns with Use of Al —— 72	
4.9	Conclusion — 73	
Chapt	er 5	
Emerg	ency Preparedness and Management 75	
5.1	Introduction —— 75	
5.2	Types and Causes of Emergencies —— 75	
5.3	Emergency Preparedness: Broad Perspective —— 77	
5.4	Emergency Preparedness and Management Plans:	
	Libraries — 78	
5.5	Existing Emergency Preparedness and Management Plans: Relevance to Arabian Gulf —— 81	
5.6	Impact of the Covid-19 Pandemic —— 83	
5.7	Indicators of Unpreparedness — 84	
5.8	Concluding Comments —— 85	
Chapt	er 6	
Speculating on the Future Role of Academic Libraries —— 87		
6.1	Introduction — 87	
6.2	The Profession of Academic Librarianship —— 87	
6.3	Library Collections —— 89	

6.4	Library Services —— 91
6.5	Scenario Planning —— 92
6.6	Library Trends —— 95
6.7	Business-Oriented Approach — 97
6.8	Performance Assessment —— 98
6.9	The Problem with Performance Measurement and Rankings 99
6.10	What Happens in Times of Difficulty? —— 101
6.11	The Way Forward — 102
6.12	Service Innovations —— 103
6.13	Further Research —— 105

References ---- 107

Index ---- 127