

# Contents

## **Preface — V**

Ditte Laursen

### **Navigating Data Science and Artificial Intelligence Integration in Library and Information Science: Insights from Four National Libraries — 1**

J. Denice Lewis

### **Integrating AI Tools into Stem Research — 25**

Enrique Wulff

### **Ocean Data Management and EU Database Sui Generis Right — 53**

Aisha L. Abdul Rahman

### **Leveraging Browser-based VR for GLAM Institutions: Broadening Access to African and Diaspora Cultural Heritage — 77**

Luís Corujo, Jorge Revez, Carlos Guardado da Silva, L. S. Ascensão de Macedo

### **Preservation and Digital Repositories: Connections, Possibilities, and Needs — 111**

Shivanand D. Bulla, C. Krishnamurthy, Satishkumar Naikar

### **Research Data Management: A Study with Special Reference to Smart Libraries — 135**

Sirje Virkus

### **Telepresence Robots in the GLAM sector: Bridging Divides for an Inclusive and Equitable Smart Society — 157**

Alex Zhang & Jiebei Luo

### **NLP Driven Citation Analysis of Legal Scholarship: Challenges and Opportunities — 177**

Nove E Variant Anna

### **ChatGPT and the Future of Library Reference Services — 203**

Jayasuryan R

### **Next-Gen Librarianship: Exploring the Potential of Metaverse in Information Spaces — 227**

Shania L. Kee, Kristin M. Wolek

**Tribal Legal Research and its Challenges in the Age of AI — 249**

Clément Bert-Erboul, Cécile Touitou

**Digital Silent Rooms and Libraries in France During the COVID-19 Pandemic:  
Enacting Intimate Study Environments — 269**

Md. Nazmul Islam, Anwasha Das, Mohammed Khalid Alam

**Exploring IOT Awareness among Library Professionals:  
Insights from a Developing Country's Perspective — 291**

Farbod Kamgar

**Information Literacy in Academic Library Instruction — 311**

Adam Mazel

**Introducing Indiana University Bloomington Libraries Publishing:  
A Case Study — 337**

Kudzai Kuchicha, Shadreck Ndinde

**Teaching Information Literacy Skills in Higher Learning Institutions  
in Zimbabwe — 359**

Ojo Jacob Olanrewaju, Ahmed Muhammed, Adamu Abdullahi Muhammed,  
Hussaini Mairiga

**Gender Parity Towards Access and Use of ICT in Academic Libraries  
in Nigeria — 385**

Muhammad Rosyihan Hendrawan, Aniesa Samira Bafadhal

**Literacy Meaning Construction for Malang City: Community Libraries  
Activists — 407**

Frank Boateng, Patrick Acheampong, Eunice Boateng

**The Nexus of Food Consumerism: Information Science  
and Technology Perspectives in Ghana — 433**

Singo Geven, Makgahlela Lefose

**Marketing Strategies for Library Services: A Comparative Study  
Between University and Public Libraries — 453**

Ismail Olatunji Adeyemi, Ridwan Muhammed-Jamiu

**Analyzing the Socio-economic and Environmental Impacts  
of Artificial Intelligence Adoption in Libraries — 473**

Jennifer Castle and Dominique Hallett

**Transforming Government Information: The Digital Evolution  
of the United States Government Publishing Office — 493**

Kuyrokeyi Ebimene Japheth Teddy

**Information Technology Acceptance in Health Information  
Management Practice in Nigeria: Benefits and Challenges — 515**

Dalia Kbar

**Beyond Information Access: Libraries as Centers of Metaliteracy  
in the 21st Century — 535**

Israel Mbekezeli Dabengwa, Rosemary Maturure, Shadreck Ndinde,  
Charles Poterai, Bert L. B. Nyabadza, Fadzai Choguya

**The Current State of Artificial Intelligence Use and its Ethical Implications  
in Higher Education in Zimbabwe — 561**

Nathan Camp

**Expanding Boundaries: The Role of VR in the Modern Library — 589**

Joachim Bibuli, Sarah Kaddu

**Open Access and Research Visibility: The Prospects and Challenges of an  
Open Access Policy in Uganda — 611**

Barbara Holland

**Revolutionary Research: The Integration of AI and Blockchain in Peer Review  
Protocols — 633**

**About the Contributors — 665**