Practical Digital Preservation For Smaller Organi

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The Handbook of Archival Practice - Patricia C. Franks 2021-09-12
Here is a complete reference guide to the activities that identify various stages of archival practice. Among the environmental topics to be addressed from a practitioner's standpoint are legal, regulatory, political, economic, organizational culture, professional, social, and ethical influences.
Managing low-cost digitization projects in Least Developed Countries and Small Island Developing States - UNESCO 2021-12-31

Digital Curation, Second Edition - Gillian Oliver 2017-11-21
As an in-depth explanation of the entire digital curation lifecycle, from creation to appraisal to preservation to organization/access to transformation, the first edition of this text set a benchmark for both thoroughness and clarity. Boasting the expert guidance of international authorities Oliver and Harvey, this revamped and expanded edition widens the scope to address continuing developments in the strategies, technological approaches, and activities that are part of this rapidly changing field. In addition to current practitioners, those pursuing a career as librarian, archivist, or records manager will find this definitive survey invaluable. Filled with up-to-date best practices, it covers such important topics as the scope and incentives of digital curation, detailing

Digital Curation Centre's (DCC) lifecycle model as well as the Data Curation Continuum; key requirements for digital curation, from description and representation to planning and collaboration;the value and utility of metadata;considering the needs of producers and consumers when creating an appraisal and selection policy for digital objects;the paradigm shift by institutions towards cloud computing and its impact on costs, storage, and other key aspects of digital curation;the quality and security of data;new and emerging data curation resources, including innovative digital repository software and digital forensics tools;mechanisms for sharing and reusing data, with expanded sections on open access, open data, and open standards initiatives; and processes to ensure that data are preserved and remain usable over time.Useful as both a teaching text and day-to-day working guide, this book outlines the essential concepts and techniques that are crucial to preserving the longevity of digital resources.

Digital Libraries and Information Access - G. G. Chowdhury 2012-09-21
An authoritative and truly global exploration of current research in digital libraries. Internationally-renowned academics discuss what has been achieved with digital libraries and what we can expect in the future through the prism of research. The increasing number of digital libraries

in all sectors and the pressure of ever demanding and diverse user needs has encouraged development of user-centred interfaces, intelligent search and retrieval capabilities, effective metadata description and contents organization. In addition to the two editors who are renowned for their works in digital library research, this collection brings together established international names in the field to analyse these developments in relation to users and information access and the future trends and challenges that practitioners will face. Readership: LIS students, academics and researchers interested in digital libraries and access and those developing, managing or just starting out with digital libraries

Organization, Representation and Description through the Digital Age - Christine M. Angel 2018-03-05
Cataloging standards practiced within the traditional library, archive and museum environments are not interoperable for the retrieval of objects within the shared online environment. Within today's information environments, library, archive and museum professionals are becoming aware that all information objects can be linked together. In this way, information professionals have the opportunity to collaborate and share data together with the shard online cataloging environment, the end result being improved retrieval effectiveness. But the adaptation has been slow: Libraries, archives and museums are still operating within their own community-specific cataloging practices. This book provides a historical perspective of the evolution of linking devices within the library, archive, and museums environments, and captures current cataloging practices in these fields. It offers suggestions for moving beyond community-specific cataloging principles and thus has the potential of becoming a springboard for further conversation and the sharing of ideas.

Getting Started with Digital Collections - Jane D. Monson 2017-10-04
Digital collections have already changed the ways users access and interact with an institution's materials. And small or medium-sized libraries, archives, museums, and historical societies face a unique set of challenges in regards to digital collections. They may have been unable to jump on the digitization bandwagon at its beginning due to competing priorities or lack of resources, and may now be struggling to get a digitization program in place to meet the evolving needs and expectations of their own users. The good news is that digital projects can scale down to fit the size of any organization. Providing an entry point for librarians, archivists, and curators who are new to digitization, Monson's well-researched guide shows how even smaller institutions can successfully endeavor to make their content digitally accessible. Clearing aside the jargon and acronyms to hone in on the practicals, this book will help readers get a digitization program off the ground, offering guidance on how to efficiently harness existing workflows, especially in departments seeing a decline in workload;the pros and cons of the two common service models for state and regional digital repositories;how to evaluate and choose among the digital asset management systems, comparing four proprietary and six open source systems;hardware options for image capture;choices in metadata models MODS, VRA Core, Dublin Core Element Set, and EAD;understanding the characteristics of various file formats and using them effectively to create master and derivative files;bitstream copying, data redundancy and other strategies to safeguard digital files against media degradation and technological obsolescence; andSection 108 copyright exemptions for cultural heritage institutions.This easy-to-follow guide to digitization fundamentals will ensure that readers gain a solid grasp of the knowledge and resources available for getting started on their own digital collection projects.

Positioning Your Museum as a Critical Community Asset - Robert P. Connolly 2016-11-10
In this how-to guide, practitioners at cultural heritage venues share their experiences in building sustainable relationships with their geographic and demographic communities. The volume includes practical discussions of activity types that museums can employ to build relationships with their communities including education, advocacy, co-creative, while serving as a community asset and resource. Case studies include direct application of successes and lessons learned with an emphasis on small to medium sized institutions with limited staff and

budgets. Highlights include: Thematic discussions on topics such as building an advocacy network between the museum and community; developing cultural heritage institutions as critical and essential components of educational systems; museum response to community expressed needs through a co-creative approach; the varied means for developing community members as cultural heritage stakeholders; and positioning the cultural heritage institution as an integral community asset. Twenty case studies directly apply the thematic discussions in small to medium-sized museum contexts. Extensive list of resources including digital links to forms, workbooks, and guides produced in the case studies. A list of national organizations and an extensive bibliography on community museum engagement. Specifically addressed to smaller institutions with limited budgets and limited or no full-time staff, the volume includes cost-effective projects that can be completed for $1,500 or less.

Preserving Digital Materials - Ross Harvey 2018-03-02
The third edition of Preserving Digital Materials provides a survey of the digital preservation landscape. This book is structured around four questions: 1. Why do we preserve digital materials? 2. What digital materials do we preserve? 3. How do we preserve digital materials? 4. How do we manage digital preservation? This is a concise handbook and reference for a wide range of stakeholders who need to understand how preservation works in the digital world. It notes the increasing importance of the role of new stakeholders and the general public in digital preservation. It can be used as both a textbook for teaching digital preservation and as a guide for the many stakeholders who engage in digital preservation. Its synthesis of current information, research, and perspectives about digital preservation from a wide range of sources across many areas of practice makes it of interest to all who are concerned with digital preservation. It will be of use to preservation administrators and managers, who want a professional reference text, information professionals, who wish to reflect on the issues that digital preservation raises in their professional practice, and students in the field of digital preservation.

Digital Libraries - Patricia Hodges 2003

Building a National Strategy for Digital Preservation - 2002
The United States Congress in December 2000 appropriated funds to the Library of Congress (LC) to spearhead an effort to develop a national strategy for the preservation of digital information. LC staff scheduled a series of conversations with representatives from the technology, business, entertainment, academic, legal, archival, and library communities, and asked the Council on Library and Information Resources to commission background papers for these sessions and to summarize the meetings. The resulting papers, along with an integrative essay by Amy Friedlander, are presented in this document. Contents include: "Summary of Findings" (Amy Friedlander); "Preserving Digital Periodicals" (Dale Flecker); "E-Books and the Challenge of Preservation" (Frank Romano); "Archiving the World Wide Web" (Peter Lyman); "Preservation of Digitally Recorded Sound" (Samuel Brylawski); "Understanding the Preservation Challenge of Digital Television" (Mary Ide, Dave MacCarn, Thom Shepard, and Leah Weisse); and "Digital Video Archives: Managing through Metadata" (Howard D. Wactlar and Michael G. Christel). (AEF).

Discover Digital Libraries - Iris Xie 2016-07-26
Discover Digital Libraries: Theory and Practice is a book that integrates both research and practice concerning digital library development, use, preservation, and evaluation. The combination of current research and practical guidelines is a unique strength of this book. The authors bring in-depth expertise on different digital library issues and synthesize theoretical and practical perspectives relevant to researchers, practitioners, and students. The book presents a comprehensive overview of the different approaches and tools for digital library development, including discussions of the social and legal issues associated with digital libraries. Readers will find current research and the best practices of digital libraries, providing both US and international perspectives on the development of digital libraries and their components, including collection, digitization, metadata, interface

design, sustainability, preservation, retrieval, and evaluation of digital libraries. Offers an overview of digital libraries and the conceptual and practical understanding of digital libraries Presents the lifecycle of digital library design, use, preservation and evaluation, including collection development, digitization of static and multimedia resources, metadata, digital library development and interface design, digital information searching, digital preservation, and digital library evaluation Synthesizes current research and the best practices of digital libraries, providing both US and international perspectives on the development of digital libraries Introduces new developments in the area of digital libraries, such as large-scale digital libraries, social media applications in digital libraries, multilingual digital libraries, digital curation, linked data, rapid capture, guidelines for the digitization of multimedia resources Highlights the impact, challenges, suggestions for overcoming these challenges, and trends of present and future development of digital libraries Offers a comprehensive bibliography for each chapter
Digital Preservation - Marilyn Deegan 2006
Digital preservation is an issue of huge importance to the library and information profession right now. With the widescale adoption of the internet and the rise of the WWW, the world has been overwhelmed by digital information. Digital data is being produced on a massive scale by individuals and institutions: some of it is born, lives and dies only in digital form, and it is the potential death of this data that is the concern of this volume. So how can information professionals try to remedy this situation? Digital preservation is a complex issue, with many different aspects and views, so in this book each chapter is written by an international expert on the topic. Many case studies and examples are used to ground the ideas and theories in real concerns and practice. This volume will arm the information professional with the knowledge they need about this important and pressing issue and give examples of best practice to help find a way to a solution for this problem. Chapters cover: formats of digital data authenticity of digital data preservation strategies international trends in digital preservation web archiving metadata institutional policies the cost of digital preservation and cost of data loss.

Written by leading international experts in digital library development, each book in the Digital Futures series examines in detail some of the key strategic and practical issues facing libraries and other cultural institutions in the rapidly expanding world of digital information. Readership: This is an indispensable guide for all information managers, librarians and archivists. Others in the information and culture world, such as museum curators, media professionals and web content providers will also find it essential reading, as will students of digital culture on library and information studies and other courses.
Information Seeking Behavior and Challenges in Digital Libraries - Tella, Adeyinka 2016-07-15
Digital libraries have been established worldwide to make information more readily available, and this innovation has changed the way information seekers interact with the data they are collecting. Faced with decentralized, heterogeneous sources, these users must be familiarized with high-level search activities in order to sift through large amounts of data. Information Seeking Behavior and Challenges in Digital Libraries addresses the problems of usability and search optimization in digital libraries. With topics addressing all aspects of information seeking activity, the research found in this book provides insight into library user experiences and human-computer interaction when searching online databases of all types. This book addresses the challenges faced by professionals in information management, librarians, developers, students of library science, and policy makers.
Getting Started with Digital Collections - Jane D. Monson 2017-02-03
This easy-to-follow guide to digitization fundamentals will ensure that readers gain a solid grasp of the knowledge and resources available for getting started on their own digital collection projects.
Aligning National Approaches to Digital Preservation - Nancy Y. McGovern 2012
On May 23-25, more than 125 delegates from more than 20 countries gathered in Tallinn, Estonia, for the "Aligning National Approaches to Digital Preservation" conference. At the National Library of Estonia, this group explored how to create and sustain international collaborations to

support the preservation of our digital cultural memory. This publication contains a collection of peer-reviewed essays that were developed by conference panels and attendees in the months following ANADP. Rather than simply chronicling the event, the volume intends to broaden and deepen its impact by reflecting on the ANADP presentations and conversations and establishing a set of starting points for building a greater alignment across digital preservation initiatives. Above all, it highlights the need for strategic international collaborations to support the preservation of our collective cultural memory.

The International Business Archives Handbook - Alison Turton 2017-09-19
The International Business Archives Handbook provides up-to-date information and guidance on key issues relating to the understanding and management of the historical records of businesses. Key features include: • Chapter contributions from a range of experts in their respective fields. • Content covering business archive and business history initiatives around the world. • Practical advice combined with thought-provoking discussion on issues hitherto little addressed. • Useful quick-reference tables, global case study examples and further reading suggestions. The handbook is an invaluable guide for students, archive professionals and business historians alike. It is also an important reference tool for business professionals involved in information management more generally.

Information Services Today - Sandra Hirsh 2018-03-02
This second edition of Information Services Today: An Introduction demonstrates the ever-changing landscape of information services today and the need to re-evaluate curriculum, competency training, and one's personal learning network in order to stay abreast of current trends and issues, and more significantly, remain competent to address the changing user needs of the information community. Specifically, the book • provides a thorough introduction, history, and overall state of the field, • gives a diverse and global perspective of what it means to be a library and information professional today, • addresses why information organizations and information and technological literacy are more important today than ever before, • discusses how technology has influenced the ways that information professionals provide information resources and services in today's digital environment, • highlights current issues and trends and provides expert insight into emerging challenges, innovations, and opportunities for the future, and, • identifies career management strategies and leadership opportunities in the information profession. The new edition features chapter updates to address changes in information services, introducing new topics such as strategic planning, change management, design thinking, advocacy, and data management and analysis, and includes new contributing authors. The book begins with an overview of libraries and their transformation as information and technological hubs within their local and digital communities. It covers the various specializations within the field – emphasizing the exciting yet complex roles and opportunities for information professionals in a variety of information environments. With that foundation in place, it presents the fundamentals of information services, delves into management skills needed by information professionals today, and explores emerging issues related to the rapid development of new technologies. The book addresses how libraries and information centers serve different kinds of communities, highlighting the unique needs of increasingly diverse users and how information organizations and information professional's work to fulfill those needs. This book provokes discussion, critical thinking, and interaction to facilitate the learning process. The content and supplemental materials – discussion questions, rich sets of online accessible materials, multimedia webcast interviews featuring authors from this book discussing the trends and issues in their respective areas, and chapter presentation slides for use by instructors – give readers the opportunity to develop a deeper understanding of and engagement with the topics. Additionally, this book recognizes the broad range of environments that people with Master of Library and Information Science (MLIS) degrees work in, which include both libraries and other information environments. Thus, this book does not only focus on libraries, but instead encompasses ALL kinds of information organizations.

Better Off Forgetting? - Cheryl Avery 2010-01-01
Throughout Canada, provincial, federal, and municipal archives exist to house the records we produce. Some conceive of these institutions as old and staid, suggesting that archives are somehow trapped in the past. But archives are more than resources for professional scholars and interested individuals. With an increasing emphasis on transparency in government and public institutions, archives have become essential tools for accountability. Better Off Forgetting? offers a reappraisal of archives and a look at the challenges they face in a time when issues of freedom of information, privacy, technology, and digitization are increasingly important. The contributors argue that archives are essential to contemporary debates about public policy and make a case for more status, funding, and influence within public bureaucracies. While stimulating debate about our rapidly changing information environment, Better Off Forgetting? focuses on the continuing role of archives in gathering and preserving our collective memory.

Information Governance - Robert F. Smallwood 2014-03-28
Proven and emerging strategies for addressing document and records management risk within the framework of information governance principles and best practices Information Governance (IG) is a rapidly emerging "super discipline" and is now being applied to electronic document and records management, email, social media, cloud computing, mobile computing, and, in fact, the management and output of information organization-wide. IG leverages information technologies to enforce policies, procedures and controls to manage information risk in compliance with legal and litigation demands, external regulatory requirements, and internal governance objectives. Information Governance: Concepts, Strategies, and Best Practices reveals how, and why, to utilize IG and leverage information technologies to control, monitor, and enforce information access and security policies. Written by one of the most recognized and published experts on information governance, including specialization in e-document security and electronic records management Provides big picture guidance on the imperative for information governance and best practice guidance on electronic document and records management Crucial advice and insights for compliance and risk managers, operations managers, corporate counsel, corporate records managers, legal administrators, information technology managers, archivists, knowledge managers, and information governance professionals IG sets the policies that control and manage the use of organizational information, including social media, mobile computing, cloud computing, email, instant messaging, and the use of e-documents and records. This extends to e-discovery planning and preparation. Information Governance: Concepts, Strategies, and Best Practices provides step-by-step guidance for developing information governance strategies and practices to manage risk in the use of electronic business documents and records.

Library Science and Administration: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2017-11-30
Effective administration of libraries is a crucial part of delivering library services to the public. To develop and implement best practices, librarians must be aware and informed of the recent advances in library administration. Library Science and Administration: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on trends, techniques, and management of libraries and examines the benefits and challenges of library administration. Highlighting a range of pertinent topics such as digital libraries, information sciences, and academic libraries, this multi-volume book is ideally designed for academicians, researchers, practitioners, and librarians seeking current research on library science and administration.

Interdisciplinary Digital Preservation Tools and Technologies - Ashraf, Tariq 2016-11-29
The way information is shared and retained has evolved throughout the years. This progression into the digital age provides longevity and easy accessibility of information, while new advancements keep rolling society into the future. Interdisciplinary Digital Preservation Tools and Technologies addresses the processes that encompass digital conversion

and preservation of information into electronic formats. This book provides exhaustive coverage on the details of digital preservation, lists the latest happenings in this field, and spreads awareness of this topic in order to keep the expansion of converting digital ongoing. This publication is a critical reference source for academicians, researchers, and students seeking current research on the impact of digital advancements.

Digital Preservation for Libraries, Archives, and Museums - Edward M. Corrado 2017-01-12
This new edition of Digital Preservation in Libraries, Archives, and Museums is the most current, complete guide to digital preservation available today. For administrators and practitioners alike, the information in this book is presented readably, focusing on management issues and best practices. Although this book addresses technology, it is not solely focused on technology. After all, technology changes and digital preservation is aimed for the long term. This is not a how-to book giving step-by-step processes for certain materials in a given kind of system. Instead, it addresses a broad group of resources that could be housed in any number of digital preservation systems. Finally, this book is about "things (not technology; not how-to; not theory) I wish I knew before I got started." Digital preservation is concerned with the life cycle of the digital object in a robust and all-inclusive way. Many Europeans and some North Americans may refer to digital curation to mean the same thing, taking digital preservation to be the very limited steps and processes needed to insure access over the long term. The authors take digital preservation in the broadest sense of the term: looking at all aspects of curating and preserving digital content for long term access. The book is divided into four part: 1.Situating Digital Preservation, 2.Management Aspects, 3.Technology Aspects, and 4.Content-Related Aspects. Digital Preservation will answer questions that you might not have even known you had, leading to more successful digital preservation initiatives.

Sustainable Smart Cities - Pradeep Kumar Singh 2022-11-02
This book brings the recent collection of smart technologies. Smart cities challenges and key requirements are discussed through the technological solutions, IoT, cloud computing, block chain and artificial intelligence. Firstly, the key technologies contributing to the smart cities research are identified. Then, the most popular ones are covered in context to their theoretical and practical applications. Smart cities technologies are one of the recent research areas. Every day new technological solutions are coming to make smart cities more sustainable. The book explores the integration of main key technologies for smart cities which are IoT & cloud computing, data science, AI and block chain & Industry 4.0. Moreover, some integrated solutions using AI, data science and IoT will attract the attention of end users. Primary market of the book is aimed toward the undergraduate and master students. IoT, cloud computing, artificial intelligence and block chain are elective courses at the bachelor level in the engineering domain, and its application areas in context to smart cities are covered in this book. The book is a good source of reference for their master dissertations. Ph.D. students or scholars who are working on these key technologies like IoT & cloud, AI, data science, block chain & Industry 4.0 will find this book as a constant source of reference for their ongoing research. Smart city planners, architects and municipal experts may also find this book useful.

The Digital Humanities - Christopher Millson-Martula 2020-06-30
The digital humanities in academic institutions, and libraries in particular, have exploded in recent years. Librarians are constantly developing their management and technological skills and increasing their knowledge base. As they continue to embed themselves in the scholarly conversations on campus, the challenges facing subject/liaison librarians, technical service librarians, and library administrators are many. This comprehensive volume highlights the wide variety of theoretical issues discussed, initiatives pursued, and projects implemented by academic librarians. Many of the chapters deal with digital humanities pedagogy—planning and conducting training workshops, institutes, semester-long courses, embedded librarian instruction, and instructional assessment—with some chapters focusing specifically on applications of the "ACRL Framework for Information

Literacy for Higher Education." The authors also explore a wide variety of other topics, including the emotional labor of librarians; the challenges of transforming static traditional collections into dynamic, user-centered, digital projects; conceptualizing and creating models of collaboration; digital publishing; and developing and planning projects including improving one's own project management skills. This collection effectively illustrates how librarians are enabling themselves through active research partnerships in an ever-changing scholarly environment. This book was originally published as a special triple issue of the journal College & Undergraduate Libraries.

Practical Digital Preservation - Adrian Brown 2013-05-23
A practical guide to the development and operation of digital preservations services for organizations of any size Practical Digital Preservation offers a comprehensive overview of best practice and is aimed at the non-specialist, assuming only a basic understanding of IT. The book provides guidance as to how to implement strategies with minimal time and resources. Digital preservation has become a critical issue for institutions of all sizes but until recently has mostly been the preserve of national archives and libraries with the resources, time and specialist knowledge available to experiment. As the discipline matures and practical tools and information are increasingly available the barriers to entry are falling for smaller organizations which can realistically start to take active steps towards a preservation strategy. However, the sheer volume of technical information now available on the subject is becoming a significant obstacle and a straightforward guide is required to offer clear and practical solutions. Each chapter in Practical Digital Preservation covers the essential building blocks of digital preservation strategy and implementation, leading the reader through the process. International case studies from organizations such as the Wellcome Library, Central Connecticut State University Library in the USA and Gloucestershire Archives in the UK illustrate how real organizations have approached the challenges of digital preservation. Key topics include: • Making the case for digital preservation • Understanding your requirements • Models for implementing a digital

preservation service • Selecting and acquiring digital objects • Accessioning and ingesting digital objects • Describing digital objects • Preserving digital objects • Providing access to users • Future trends. Readership: Anyone involved in digital preservation and those wanting to get a better understanding of the process, students studying library and information science (LIS), archives and records management courses and academics getting to grips with practical issues.

Practical Preservation and Conservation Strategies for Libraries - Brian J. Baird 2018-02-09
Designed as a "how-to" manual, Practical Preservation and Conservation Strategies for Libraries provides librarians with practical information to help them grapple with specific preservation challenges by identifying areas of concern, optimizing the use of resources put towards preservation, and establishing goals for continual improvement over time. Straightforward and pragmatic, it helps a library to reduce immediate and long-term preservation costs, and strengthen a library's collection development goals. Topics include: Preservation in the digital age Establishing long-term preservation goals Environmental conditions Preservation needs of specific collections Understanding use patterns for library materials Identifying potential threats to a collection Recognizing readily available preservation resources Almost 50 photographs, figures, checklists, and other tools make this a practical guide libraries will use on a day-to-day basis.

Building Digital Libraries, Second Edition - Kyle Banerjee 2018-12-20
Whether you're embarking on the challenge of building a digital collection from scratch, or simply need to understand the conceptual and technical challenges of constructing a digital library, this top-to-bottom resource is the ideal guidebook to keep at your side, especially in this thoroughly updated and reworked edition. Demonstrating how resources are created, distributed, and accessed, and how librarians can keep up with the latest technologies for successfully completing these tasks, its chapters walk you step-by-step through every stage. Demystifying core technologies and workflows, this book comprehensively covers needs assessment and planning for a digital repository;choosing a

platform;acquiring, processing, classifying, and describing digital content;storing and managing resources in a digital repository;digital preservation;technologies and standards useful to digital repositories, including XML, the Portland Common Data Model, metadata schema such as Dublin Core, scripting using JSON and REST, linked open data, and automated metadata assignment;sharing data and metadata;understanding information-access issues, including digital rights management; andanalyzing repository use, planning for the future, migrating to new platforms, and accommodating new types of data. This book will thoroughly orient LIS students and others new to the world of digital libraries, and also ensure that current professionals have the knowledge and guidance necessary to construct a digital repository from its inception.

Digital Curation: Breakthroughs in Research and Practice - Management Association, Information Resources 2018-08-03
The effective use of technology offers numerous benefits in protecting cultural heritage. With the proper implementation of these tools, the management and conservation of artifacts and knowledge are better attained. Digital Curation: Breakthroughs in Research and Practice is a critical source of academic knowledge on the preservation, selection, collection, maintenance, and archiving of digital materials. Highlighting a range of pertinent topics such as electronic resource management, digital preservation, and virtual restoration, this publication is an ideal reference source for digital curators, technology developers, IT professionals, academicians, researchers, and graduate-level students interested in the curation and preservation of digital resources.

Digital Witness - Sam Dubberley 2020
This book covers the developing field of open source research and discusses how to use social media, satellite imagery, big data analytics, and user-generated content to strengthen human rights research and investigations. The topics are presented in an accessible format through extensive use of images and data visualization (éditeur).

Digital Libraries and Archives - Maristella Agosti 2013-01-03
This book constitutes the thoroughly refereed proceedings of the 8th Italian Research Conference on Digital Libraries, held in Bari, Italy, in February 2012. The 22 full papers, included together with 4 panel papers, were selected from extended versions of the presentations given at the conference, following an additional round of reviewing and revision after the event. The topics covered are as follows: legacy documents and cultural heritage; systems interoperability and data integration; formal and methodological foundations of digital libraries; semantic web and linked data for digital libraries; multilingual information access; digital library infrastructures; metadata creation and management; search engines for digital library systems; evaluation and log data; handling audio/visual and non-traditional objects; user interfaces and visualization; digital library quality; policies and copyright issues in digital libraries; scientific data curation, citation and scholarly publication, user behavior and modeling; and preservation and curation.

Digital Libraries and Institutional Repositories: Breakthroughs in Research and Practice - Management Association, Information Resources 2020-03-06
Technology has revolutionized the ways in which libraries store, share, and access information, as well as librarian roles as knowledge managers. As digital resources and tools continue to advance, so too do the opportunities for libraries to become more efficient and house more information. Effective administration of libraries is a crucial part of delivering library services to patrons and ensuring that information resources are disseminated efficiently. Digital Libraries and Institutional Repositories: Breakthroughs in Research and Practice addresses new methods, practices, concepts, and techniques, as well as contemporary challenges and issues for libraries and university repositories that can be accessed electronically. It also addresses the problems of usability and search optimization in digital libraries. Highlighting a range of topics such as content management, resource sharing, and library technologies, this publication is an ideal reference source for librarians, IT technicians, academicians, researchers, and students in fields that include library science, knowledge management, and information retrieval.

The Theory and Craft of Digital Preservation - Trevor Owens

2018-12-11

Based on extensive reading, research, and writing on digital preservation, Owens's work will prove an invaluable reference for archivists, librarians, and museum professionals, as well as scholars and researchers in the digital humanities.

New Directions for Special Collections: An Anthology of Practice - Lynne M. Thomas 2016-10-31

Addressing the most exciting and challenging areas in the profession, this text will be invaluable to any professional looking ahead to the future of special collections and related cultural heritage work. • Covers a broad range of special collections work that shares perspectives from many different practitioners and experts in the field • Updates the notion of special collections to the wide range of institutions and contexts where they exist today, illustrating non-traditional opportunities for special collections work • Expands job opportunities for readers by providing an overview of the most compelling and exciting trends and challenges in the changing field of special collections

Digital Preservation in Libraries - Jeremy Myntti 2019-07-03

In today's information landscape, there are fewer topics that more urgently demand expansive discourse than digital preservation, which touches on everything from technology to copyright. The Association for Library Collections and Technical Services (ALCTS) steps up to the challenge with this comprehensive overview. Global in scope, it features case studies and contributions that discuss such key issues as the history of digital preservation; digital preservation and information ethics; strategies for getting started, sustaining digitization programs, and performing evaluation; fine-tuning digital preservation workflows, with a look at Digital Streams Matrix for analyzing pathways and tasks; preserving e-books, mobile device data, and other specific types of materials; collaborative efforts in digital preservation, including jargon-free techniques for engaging non-technical colleagues in digital legacy tools and processes; and the copyright, legal, and administrative issues connected with digital preservation. Academic librarians, technical services staff, technologists, and administrators will all benefit from this incisive collection.

Preserving Archives - Helen Forde 2013-03-23

A brand new and fully updated edition of this seminal work on archival preservation. Access to archival material – the documentary heritage of people all over the world that gives them their identity and ensures their rights – is dependent on the survival of fragile materials: paper, parchment, photographic materials, audiovisual materials and, most recently, magnetic, optical and increasingly digital formats. The primary importance of such survival is widely acknowledged but sometimes overlooked in a rush to provide ever better means of access. But without the basic material, no services can be offered. Preservation is at the heart of archival activity. Archivists in all types of organizations face questions on how to plan a preservation strategy in less than perfect circumstances, or deal with a sudden emergency. This book considers the causes of threats to the basic material, outlines the preservation options available and offers flexible solutions applicable in a variety of situations. It offers a wide range of case studies and examples from international specialists. This revised edition includes additional material on digital preservation and green building as well as a new chapter on the management and training of volunteers, reflecting a key concern for many archival institutions. Key topics are: • Understanding archival materials and their characteristics • Managing digital preservation • Archive buildings and their characteristics • Safeguarding the building and its contents • Managing archival storage • Managing risks and avoiding disaster • Creating and using surrogates • Exhibiting archives • Handling the records • Managing a pest control programme • Training and the use of volunteers • Putting preservation into practice. Readership: Archivists, librarians, curators and enthusiasts, trained and untrained, in museums, local studies centres and voluntary societies in need of good clear advice.

Rural and Small Public Libraries - Brian Real 2017-11-17

This volume begins by defining the challenges that rural and small libraries face before shifting to an analysis of ways that these obstacles can be overcome or mitigated. The authors explore ideas for enhancing

community partnerships and outreach by using rural and small public libraries as centers for local cultural heritage activities.

Practical Digital Forensics - Richard Boddington 2016-05-26
Get started with the art and science of digital forensics with this practical, hands-on guide! About This Book Champion the skills of digital forensics by understanding the nature of recovering and preserving digital information which is essential for legal or disciplinary proceedings Explore new and promising forensic processes and tools based on 'disruptive technology' to regain control of caseloads. Richard Boddington, with 10+ years of digital forensics, demonstrates real life scenarios with a pragmatic approach Who This Book Is For This book is for anyone who wants to get into the field of digital forensics. Prior knowledge of programming languages (any) will be of great help, but not a compulsory prerequisite. What You Will Learn Gain familiarity with a range of different digital devices and operating and application systems that store digital evidence. Appreciate and understand the function and capability of forensic processes and tools to locate and recover digital evidence. Develop an understanding of the critical importance of recovering digital evidence in pristine condition and ensuring its safe handling from seizure to tendering it in evidence in court. Recognise the attributes of digital evidence and where it may be hidden and is often located on a range of digital devices. Understand the importance and challenge of digital evidence analysis and how it can assist investigations and court cases. Explore emerging technologies and processes that empower forensic practitioners and other stakeholders to harness digital evidence more effectively. In Detail Digital Forensics is a methodology which includes using various tools, techniques, and programming language. This book will get you started with digital forensics and then follow on to preparing investigation plan and preparing toolkit for investigation. In this book you will explore new and promising forensic processes and tools based on 'disruptive technology' that offer experienced and budding practitioners the means to regain control of their caseloads. During the course of the book, you will get to know about the technical side of digital forensics and various tools that are needed to perform digital forensics. This book will begin with giving a quick insight into the nature of digital evidence, where it is located and how it can be recovered and forensically examined to assist investigators. This book will take you through a series of chapters that look at the nature and circumstances of digital forensic examinations and explains the processes of evidence recovery and preservation from a range of digital devices, including mobile phones, and other media. This book has a range of case studies and simulations will allow you to apply the knowledge of the theory gained to real-life situations. By the end of this book you will have gained a sound insight into digital forensics and its key components. Style and approach The book takes the reader through a series of chapters that look at the nature and circumstances of digital forensic examinations and explains the processes of evidence recovery and preservation from a range of digital devices, including mobile phones, and other media. The mystery of digital forensics is swept aside and the reader will gain a quick insight into the nature of digital evidence, where it is located and how it can be recovered and forensically examined to assist investigators.

Encyclopedia of Library and Information Sciences - John D. McDonald 2017-03-15
The Encyclopedia of Library and Information Sciences, comprising of seven volumes, now in its fourth edition, compiles the contributions of major researchers and practitioners and explores the cultural institutions of more than 30 countries. This major reference presents over 550 entries extensively reviewed for accuracy in seven print volumes or online. The new fourth edition, which includes 55 new entires and 60 revised entries, continues to reflect the growing convergence among the disciplines that influence information and the cultural record, with coverage of the latest topics as well as classic articles of historical and theoretical importance.

Practical Digital Libraries - Michael Lesk 1997
This authoritative and accessible guide for librarians and computer scientists explores the technologies behind digital libraries, the choices to be made in building them, and the economic and policy structures that

affect them.

Analysis, Conservation, and Restoration of Tangible and Intangible Cultural Heritage - Inglese, Carlo 2018-10-12
Communities have witnessed a fundamental shift in the ways they interact with heritage sites. Much of this change has been driven by the rapid democratization and widespread adoption of enabling technologies. As expediency is embraced in the collection and analysis of data, there may also be a certain amount of intimacy lost with both the tangible and intangible vestiges of the past. Analysis, Conservation, and Restoration of Tangible and Intangible Cultural Heritage is a collection of innovative research on the quantitative methods and digital workflows transforming cultural heritage. There is no contesting the value of advanced non-destructive diagnostic imaging techniques for the analysis of heritage structures and objects. Highlighting topics including 3D modeling, conservation, and digital surveying, this book is ideally designed for conservation and preservation specialists, archaeologists, anthropologists, historians, academicians, and students seeking current research on data-driven, evidence-based decision making to improve intervention outcomes.