

Data Management Practices In The Social Sciences

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RESEARCH DATA MANAGEMENT - JOYCE M. RAY 2014

IT HAS BECOME INCREASINGLY ACCEPTED THAT IMPORTANT DIGITAL DATA MUST BE RETAINED AND SHARED IN ORDER TO PRESERVE AND PROMOTE KNOWLEDGE, ADVANCE RESEARCH IN AND ACROSS ALL DISCIPLINES OF SCHOLARLY ENDEAVOR, AND MAXIMIZE THE RETURN ON INVESTMENT OF PUBLIC FUNDS. TO MEET THIS CHALLENGE, COLLEGES AND UNIVERSITIES ARE ADDING DATA SERVICES TO EXISTING INFRASTRUCTURES BY DRAWING ON THE EXPERTISE OF INFORMATION PROFESSIONALS WHO ARE ALREADY

INVOLVED IN THE ACQUISITION, MANAGEMENT AND PRESERVATION OF DATA IN THEIR DAILY JOBS. DATA SERVICES INCLUDE PLANNING AND IMPLEMENTING GOOD DATA MANAGEMENT PRACTICES, THEREBY INCREASING RESEARCHERS' ABILITY TO COMPETE FOR GRANT FUNDING AND ENSURING THAT DATA COLLECTIONS WITH CONTINUING VALUE ARE PRESERVED FOR REUSE. THIS VOLUME PROVIDES A FRAMEWORK TO GUIDE INFORMATION PROFESSIONALS IN ACADEMIC LIBRARIES, PRESSES, AND DATA CENTERS THROUGH THE PROCESS OF MANAGING RESEARCH DATA FROM THE PLANNING STAGES THROUGH THE

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LIFE OF A GRANT PROJECT AND BEYOND. IT ILLUSTRATES PRINCIPLES OF GOOD PRACTICE WITH USE-CASE EXAMPLES AND ILLUMINATES PROMISING DATA SERVICE MODELS THROUGH CASE STUDIES OF INNOVATIVE, SUCCESSFUL PROJECTS AND COLLABORATIONS. CONTRIBUTORS INCLUDE: JAMES L. MULLINS, PURDUE UNIVERSITY; MACKENZIE SMITH, UNIVERSITY OF CALIFORNIA AT DAVIS; SHERRY LAKE, UNIVERSITY OF VIRGINIA; JOHN KUNZE, UNIVERSITY OF CALIFORNIA; BERNARD REILLY, CENTER FOR RESEARCH LIBRARIES; JACOB CARLSON, PURDUE UNIVERSITY; MELISSA LEVINE, UNIVERSITY OF MICHIGAN; JENN RILEY, UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL; JAN BRASE, GERMAN NATIONAL LIBRARY OF SCIENCE AND TECHNOLOGY; SEAMUS ROSS, UNIVERSITY OF TORONTO; SARAH SHREEVES, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN; JARED LYLE, UNIVERSITY OF MICHIGAN; MICHELE KIMPTON, DURASPACE; BRIAN SCHOTTLAENDER, UNIVERSITY OF CALIFORNIA SAN DIEGO; SUZIE ALLARD, UNIVERSITY OF TENNESSEE; ANGUS WHYTE, DIGITAL CURATION CENTRE; SCOTT BRANDT, PURDUE UNIVERSITY; BRIAN WESTRA, UNIVERSITY OF OREGON; GENEVA HENRY, RICE UNIVERSITY; GAIL STEINHART, CORNELL UNIVERSITY; AND CLIFF LYNCH, COALITION FOR NETWORKED INFORMATION. CHARLESTON INSIGHTS IN LIBRARY, INFORMATION, AND ARCHIVAL SCIENCES IS A NEW SERIES PRODUCED AS A

COLLABORATION BETWEEN THE ORGANIZERS OF THE CHARLESTON LIBRARY CONFERENCE AND PURDUE UNIVERSITY PRESS. VOLUMES IN THE SERIES FOCUS ON IMPORTANT TOPICS IN LIBRARY AND INFORMATION SCIENCE, PRESENTING THE ISSUES IN A RELATIVELY JARGON-FREE WAY THAT IS ACCESSIBLE TO ALL TYPES OF INFORMATION PROFESSIONALS.

RESEARCH STRATEGIES IN THE SOCIAL SCIENCES - ELINOR SCARBROUGH
1998-07-30

IN THIS VOLUME, A TEAM OF EXPERTS SETS OUT VARIOUS ANALYTIC TOOLS AVAILABLE TO SOCIAL SCIENTISTS FROM SOCIAL SCIENCE METHODOLOGY. IT GUIDES THEM THROUGH THE MAZE OF ADVANCED TECHNIQUES APPLICABLE ACROSS THE RANGE OF THE SOCIAL SCIENCES.

DIGITAL TECHNOLOGY AND THE PRACTICES OF HUMANITIES RESEARCH - JENNIFER EDMOND
2020-01-30

HOW DOES TECHNOLOGY IMPACT RESEARCH PRACTICES IN THE HUMANITIES? HOW DOES DIGITISATION SHAPE SCHOLARLY IDENTITY? HOW DO WE NEGOTIATE TRUST IN THE DIGITAL REALM? WHAT IS SCHOLARSHIP, WHAT FORMS CAN IT TAKE, AND HOW DOES IT ACQUIRE AUTHORITY? THIS DIVERSE SET OF ESSAYS DEMONSTRATE THE IMPORTANCE OF ASKING SUCH QUESTIONS, BRINGING TOGETHER ESTABLISHED AND EMERGING SCHOLARS FROM A VARIETY OF DISCIPLINES, AT A TIME WHEN DATA IS INCREASINGLY BEING INCORPORATED AS AN INPUT AND OUTPUT IN HUMANITIES SOURCES AND

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PUBLICATIONS. MAJOR THEMES ADDRESSED INCLUDE THE CHANGING NATURE OF SCHOLARLY PUBLISHING IN A DIGITAL AGE, THE DIFFERENT KINDS OF 'GATE-KEEPERS' FOR SCHOLARSHIP, AND THE DIFFICULTIES OF EFFECTIVELY ASSESSING THE IMPACT OF DIGITAL RESOURCES. THE ESSAYS BRING THEORETICAL AND PRACTICAL PERSPECTIVES INTO CONVERSATION, OFFERING READERS NOT ONLY COMPREHENSIVE EXAMINATIONS OF PAST AND PRESENT DISCOURSE ON DIGITAL SCHOLARSHIP, BUT TIGHTLY-FOCUSED CASE STUDIES. THIS TIMELY VOLUME ILLUMINATES THE DIFFERENT FORCES UNDERLYING THE SHIFTING PRACTICES IN HUMANITIES RESEARCH TODAY, WITH ESPECIAL FOCUS ON HOW HUMANISTS TAKE OWNERSHIP OF, AND ARE EMPOWERED BY, TECHNOLOGY IN UNEXPECTED WAYS. DIGITAL TECHNOLOGY AND THE PRACTICES OF HUMANITIES RESEARCH IS ESSENTIAL READING FOR SCHOLARS, STUDENTS, AND GENERAL READERS INTERESTED IN THE CHANGING CULTURE OF RESEARCH PRACTICES IN THE HUMANITIES, AND IN THE FUTURE OF THE DIGITAL HUMANITIES ON THE WHOLE.

PLASTICS IN AQUATIC SYSTEMS: FROM TRANSPORT AND FATE TO IMPACTS AND MANAGEMENT PERSPECTIVES - TANVEER ADYEL 2022-11-16

ANTHROPOLOGICAL DATA IN THE DIGITAL AGE - JEROME W. CROWDER 2019-11-01

FOR MORE THAN TWO DECADES, ANTHROPOLOGISTS HAVE WRESTLED

WITH NEW DIGITAL TECHNOLOGIES AND THEIR IMPACTS ON HOW THEIR DATA ARE COLLECTED, MANAGED, AND ULTIMATELY PRESENTED.

ANTHROPOLOGICAL DATA IN THE DIGITAL AGE COMPILES A RANGE OF ACADEMICS IN ANTHROPOLOGY AND THE INFORMATION SCIENCES, ARCHIVISTS, AND LIBRARIANS TO OFFER IN-DEPTH DISCUSSIONS OF THE ISSUES RAISED BY DIGITAL SCHOLARSHIP. THE VOLUME COVERS THE TECHNICAL ASPECTS OF DATA MANAGEMENT—RETRIEVAL, METADATA, DISSEMINATION, PRESENTATION, AND PRESERVATION—WHILE AT ONCE ENGAGING WITH CASE STUDIES WRITTEN BY CULTURAL ANTHROPOLOGISTS AND ARCHAEOLOGISTS RETURNING FROM THE FIELD TO GRAPPLE WITH THE IMPLICATIONS OF PRODUCING DATA DIGITALLY. CONCLUDING WITH THOUGHTS ON THE NEW CONSIDERATIONS AND ETHICS OF DIGITAL DATA, ANTHROPOLOGICAL DATA IN THE DIGITAL AGE IS A MULTI-FACETED MEDITATION ON ANTHROPOLOGICAL PRACTICE IN A TECHNOLOGICALLY MEDIATED WORLD.

VISUAL RESEARCH METHODS - SHAILOO BEDI 2020-10-13
VISUAL RESEARCH METHODS (VRM) COMPRISE A COLLECTION OF METHODS THAT INCORPORATE VISUAL ELEMENTS SUCH AS MAPS, DRAWINGS, PHOTOGRAPHS, VIDEOS, AS WELL AS THREE-DIMENSIONAL OBJECTS INTO THE RESEARCH PROCESS. IN ADDITION, VRM INCLUDING PHOTO-ELICITATION, PHOTOVOICE, DRAW-AND-WRITE

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TECHNIQUES, AND COGNITIVE MAPPING ARE BEING LEVERAGED TO GREAT EFFECT TO EXPLORE INFORMATION EXPERIENCES TO INVESTIGATE SOME OF THE CENTRAL QUESTIONS IN THE FIELD; EXPAND THEORETICAL DISCUSSIONS IN LIS; AND IMPROVE LIBRARY SERVICES AND SPACES. VISUAL RESEARCH METHODS: AN INTRODUCTION FOR LIBRARY AND INFORMATION STUDIES IS THE FIRST BOOK TO FOCUS ON VISUAL METHODS IN LIS, PROVIDING A COMPREHENSIVE PRIMER FOR STUDENTS, EDUCATORS, RESEARCHERS AND PRACTITIONERS IN THE FIELD. CONTRIBUTED CHAPTERS IN THE BOOK SHOWCASE EXAMPLES OF VRM IN ACTION AND OFFER THE INSIGHTS, INSPIRATIONS, AND EXPERIENCES OF RESEARCHERS AND PRACTITIONERS WORKING WITH VISUAL METHODS. COVERAGE INCLUDES: - AN INTRODUCTION TO VISUAL RESEARCH METHODS INCLUDING A DISCUSSION OF TERMINOLOGY - AN OVERVIEW OF THE LITERATURE ON VRM IN LIBRARIES - METHODOLOGICAL FRAMING INCLUDING A DISCUSSION OF THEORY, EPISTEMOLOGY, - PRACTICAL AND ETHICAL CONSIDERATIONS FOR RESEARCHERS EMBARKING ON VRM PROJECTS - CHAPTERS SHOWCASING VRM IN ACTION INCLUDING DRAWING TECHNIQUES, PHOTOGRAPHIC TECHNIQUES, AND MIXED METHODS - SIX CONTRIBUTED CHAPTERS EACH SHOWCASING THE RESULTS OF VISUAL RESEARCH METHODS, DISCUSSIONS OF THE TECHNIQUES, AND REFLECTIONS ON VRM FOR RESEARCH IN INFORMATION STUDIES. THIS BOOK WILL PROVIDE A

STRONG METHODOLOGICAL CONTEXT FOR THE ADOPTION OF VISUAL RESEARCH METHODS IN LIS AND FEATURE EXAMPLES OF VRM 'IN ACTION.' IT WILL PROVE TO BE A MUST-HAVE REFERENCE FOR RESEARCHERS, PRACTITIONERS, INSTRUCTORS, AND STUDENTS WHO WANT TO ENGAGE WITH VISUAL RESEARCH METHODS AND TO EXPAND THEIR METHODOLOGICAL TOOLKIT.

DIGITAL METHODS FOR SOCIAL SCIENCE

- STEVEN ROBERTS 2016-01-26

THIS TIMELY BOOK INSPIRES RESEARCHERS TO DEPLOY RELEVANT, EFFECTIVE, INNOVATIVE DIGITAL METHODS. IT EXPLORES THE RELATIONSHIP OF SUCH METHODS TO 'MAINSTREAM' SOCIAL SCIENCE; INTERDISCIPLINARITY; INNOVATIONS IN DIGITAL RESEARCH TOOLS; THE OPPORTUNITIES (AND CHALLENGES) OF DIGITAL METHODS IN RESEARCHING SOCIAL LIFE; AND DIGITAL RESEARCH ETHICS.

SOCIAL SCIENCE RESEARCH - ANOL BHATTACHERJEE 2012-04-01

THIS BOOK IS DESIGNED TO INTRODUCE DOCTORAL AND GRADUATE STUDENTS TO THE PROCESS OF CONDUCTING SCIENTIFIC RESEARCH IN THE SOCIAL SCIENCES, BUSINESS, EDUCATION, PUBLIC HEALTH, AND RELATED DISCIPLINES. IT IS A ONE-STOP, COMPREHENSIVE, AND COMPACT SOURCE FOR FOUNDATIONAL CONCEPTS IN BEHAVIORAL RESEARCH, AND CAN SERVE AS A STAND-ALONE TEXT OR AS A SUPPLEMENT TO RESEARCH READINGS IN ANY DOCTORAL SEMINAR OR RESEARCH

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METHODS CLASS. THIS BOOK IS CURRENTLY USED AS A RESEARCH TEXT AT UNIVERSITIES ON SIX CONTINENTS AND WILL SHORTLY BE AVAILABLE IN NINE DIFFERENT LANGUAGES.

SAFER FIELD RESEARCH IN THE SOCIAL SCIENCES - JANNIS GRIMM

2020-03-30

EXPLORING THE CHALLENGES AND RISKS OF SOCIAL SCIENCE FIELDWORK, THIS BOOK SHARES BEST PRACTICE FOR CONDUCTING RESEARCH IN HOSTILE ENVIRONMENTS AND PRAGMATIC ADVICE TO HELP YOU MAKE GOOD DECISIONS. DRAWING ON THE AUTHORS' EXPERIENCES IN REGIONS OF CONFLICT AND GROUNDED IN REAL-WORLD EXAMPLES, THE BOOK: • PROVIDES PRACTICAL GUIDANCE ON IMPORTANT CONSIDERATIONS LIKE CHOOSING A RESEARCH QUESTION IN SENSITIVE CONTEXTS • GIVES ADVICE ON DATA AND DIGITAL SECURITY TO HELP YOU MINIMIZE FIELDWORK RISK IN A CONTEMPORARY RESEARCH ENVIRONMENT • OFFERS TOOLS AND TEMPLATES YOU CAN USE TO DEVELOP A TAILORED SECURITY FRAMEWORK BUILDING YOUR UNDERSTANDING OF THE CHALLENGES OF ON-THE-GROUND RESEARCH, THIS BOOK EMPOWERS YOU TO MEET THE CHALLENGES OF YOUR RESEARCH LANDSCAPE HEAD ON.

DATA MANAGEMENT FOR SOCIAL SCIENTISTS - NILS B. WEIDMANN

2023-02-28

THE 'DATA REVOLUTION' OFFERS MANY NEW OPPORTUNITIES FOR RESEARCH IN THE SOCIAL SCIENCES. INCREASINGLY, SOCIAL AND POLITICAL INTERACTIONS

CAN BE RECORDED DIGITALLY, LEADING TO VAST AMOUNTS OF NEW DATA AVAILABLE FOR RESEARCH. THIS POSES NEW CHALLENGES FOR ORGANIZING AND PROCESSING RESEARCH DATA. THIS COMPREHENSIVE INTRODUCTION COVERS THE ENTIRE RANGE OF DATA MANAGEMENT TECHNIQUES, FROM FLAT FILES TO DATABASE MANAGEMENT SYSTEMS. IT DEMONSTRATES HOW ESTABLISHED TECHNIQUES AND TECHNOLOGIES FROM COMPUTER SCIENCE CAN BE APPLIED IN SOCIAL SCIENCE PROJECTS, DRAWING ON A WIDE RANGE OF DIFFERENT APPLIED EXAMPLES. THIS BOOK COVERS SIMPLE TOOLS SUCH AS SPREADSHEETS AND FILE-BASED DATA STORAGE AND PROCESSING, AS WELL AS MORE POWERFUL DATA MANAGEMENT SOFTWARE LIKE RELATIONAL DATABASES. IT GOES ON TO ADDRESS ADVANCED TOPICS SUCH AS SPATIAL DATA, TEXT AS DATA, AND NETWORK DATA. THIS BOOK IS ONE OF THE FIRST TO DISCUSS QUESTIONS OF PRACTICAL DATA MANAGEMENT SPECIFICALLY FOR SOCIAL SCIENCE PROJECTS.

RESEARCH DATA MANAGEMENT - A EUROPEAN PERSPECTIVE - FILIP KRUSE

2017-12-04

BASED ON CASE STUDIES THIS BOOK OFFERS AN INSIGHT IN VARIOUS EUROPEAN ACTIVITIES AND PRACTICES IN DATA MANAGEMENT AND THEIR INTERACTION WITH POLICIES AND PROGRAMS. THE LATTER FORM THE BACKGROUND FOR THE FOLLOWING CASE STUDIES, PROVIDE THE CONCEPTUAL FRAMEWORK, AT THE SAME TIME GIVING AN EXHAUSTIVE UNDERSTANDING OF THE

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SPECIFIC SUBJECTS. THE CASE STUDIES SHARE COMMON THEMES AND GIVE A CONCRETE INSIGHT INTO VITAL ISSUES SUCH AS WEB ARCHIVING, DIGITIZATION OF ANALOG ARCHIVES, RESEARCHERS' MOTIVATIONS FOR SHARING DATA, AND HOW LIBRARIES, ARCHIVES AND RESEARCHERS CAN COLLABORATE IN CREATING RESEARCH TOOLS AND SERVICES.

THE BERA/SAGE HANDBOOK OF EDUCATIONAL RESEARCH - DOMINIC WYSE 2016-12-15

EDUCATION HAS CONTINUED TO GROW IN STATURE AND SIGNIFICANCE AS AN ACADEMIC DISCIPLINE. IN ADDITION TO WORLD RENOWNED RESEARCH STUDIES THE GROWTH OF EDUCATION HAS BEEN SEEN IN THE METHODOLOGY AND METHODS UNDERPINNING ITS RESEARCH. THE BERA/SAGE HANDBOOK OF EDUCATIONAL RESEARCH PROVIDES A CUTTING EDGE ACCOUNT OF THE RESEARCH AND METHODOLOGY THAT IS CREATING NEW UNDERSTANDINGS FOR EDUCATION RESEARCH, POLICY AND PRACTICE. OVER TWO VOLUMES, THE HANDBOOK ADDRESSES EDUCATIONAL RESEARCH IN SIX ESSENTIAL COMPONENTS: SECTION 1: UNDERSTANDING RESEARCH SECTION 2: PLANNING RESEARCH SECTION 3: APPROACHES TO RESEARCH SECTION 4: ACQUIRING DATA SECTION 5: ANALYSING DATA SECTION 6: REPORTING, DISSEMINATING AND EVALUATING RESEARCH FEATURING CONTRIBUTIONS FROM MORE THAN 50 OF THE BIGGEST NAMES IN THE INTERNATIONAL FIELD, THE

BERA/SAGE HANDBOOK OF EDUCATIONAL RESEARCH REPRESENTS A VERY SIGNIFICANT CONTRIBUTION TO THE DEVELOPMENT OF EDUCATION.

INNOVATIONS IN DIGITAL RESEARCH METHODS - PETER HALFPENNY 2015-05-18

VAST AMOUNTS OF DIGITAL DATA ARE NOW GENERATED DAILY BY PEOPLE AS THEY GO ABOUT THEIR LIVES, YET SOCIAL RESEARCHERS ARE STRUGGLING TO EXPLOIT IT. AT THE SAME TIME, THE CHALLENGES FACED BY SOCIETY IN THE 21ST CENTURY ARE GROWING EVER MORE COMPLEX, AND DEMANDS RESEARCH THAT IS BIGGER IN SCALE, MORE COLLABORATIVE AND MULTI-DISCIPLINARY THAN EVER BEFORE. THIS CUTTING-EDGE VOLUME PROVIDES AN ACCESSIBLE INTRODUCTION TO INNOVATIVE DIGITAL SOCIAL RESEARCH TOOLS AND METHODS THAT HARNESS THIS 'DATA DELUGE' AND SUCCESSFULLY TACKLE KEY RESEARCH CHALLENGES. CONTRIBUTIONS FROM LEADING INTERNATIONAL RESEARCHERS COVER TOPICS SUCH AS: QUALITATIVE, QUANTITATIVE AND MIXED METHODS RESEARCH DATA MANAGEMENT SOCIAL MEDIA AND SOCIAL NETWORK ANALYSIS MODELING AND SIMULATION SURVEY METHODS VISUALIZING SOCIAL DATA ETHICS AND E-RESEARCH THE FUTURE OF SOCIAL RESEARCH IN THE DIGITAL AGE THIS VIBRANT INTRODUCTION TO INNOVATIVE DIGITAL RESEARCH METHODS IS ESSENTIAL READING FOR ANYONE CONDUCTING SOCIAL RESEARCH TODAY.

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THE SAGE HANDBOOK OF ONLINE RESEARCH METHODS - NIGEL G FIELDING
2008-06-24

THIS HANDBOOK IS THE FIRST TO PROVIDE COMPREHENSIVE, UP-TO-THE-MINUTE COVERAGE OF CONTEMPORARY AND DEVELOPING INTERNET AND ONLINE SOCIAL RESEARCH METHODS, SPANNING BOTH QUANTITATIVE AND QUALITATIVE RESEARCH APPLICATIONS. THE EDITORS HAVE BROUGHT TOGETHER LEADING NAMES IN THE FIELD OF ONLINE RESEARCH TO GIVE A THOROUGHLY UP TO DATE, PRACTICAL COVERAGE, RICHLY ILLUSTRATED WITH EXAMPLES. THE CHAPTERS COVER BOTH METHODOLOGICAL AND PROCEDURAL THEMES, OFFERING READERS A SOPHISTICATED TREATMENT OF THE PRACTICE AND USES OF INTERNET AND ONLINE RESEARCH THAT IS GROUNDED IN THE PRINCIPLES OF RESEARCH METHODOLOGY. BEGINNING WITH AN EXAMINATION OF THE SIGNIFICANCE OF THE INTERNET AS A RESEARCH MEDIUM, THE BOOK GOES ON TO COVER RESEARCH DESIGN, DATA CAPTURE, ONLINE SURVEYS, VIRTUAL ETHNOGRAPHY, AND THE INTERNET AS AN ARCHIVAL RESOURCE, AND CONCLUDES BY LOOKING AT POTENTIAL DIRECTIONS FOR THE FUTURE OF INTERNET AND ONLINE RESEARCH. THE SAGE HANDBOOK OF INTERNET AND ONLINE RESEARCH METHODS WILL BE WELCOMED BY ANYONE INTERESTED IN THE CONTEMPORARY PRACTICE OF COMPUTER-MEDIATED RESEARCH AND SCHOLARSHIP. POSTGRADUATES, RESEARCHERS AND METHODOLOGISTS

FROM DISCIPLINES ACROSS THE SOCIAL SCIENCES WILL FIND THIS AN INVALUABLE SOURCE OF REFERENCE.

HANDBOOK OF COMPUTATIONAL SOCIAL SCIENCE, VOLUME 2 - UWE ENGEL
2021-11-10

THE HANDBOOK OF COMPUTATIONAL SOCIAL SCIENCE IS A COMPREHENSIVE REFERENCE SOURCE FOR SCHOLARS ACROSS MULTIPLE DISCIPLINES. IT OUTLINES KEY DEBATES IN THE FIELD, SHOWCASING NOVEL STATISTICAL MODELING AND MACHINE LEARNING METHODS, AND DRAWS FROM SPECIFIC CASE STUDIES TO DEMONSTRATE THE OPPORTUNITIES AND CHALLENGES IN CSS APPROACHES. THE HANDBOOK IS DIVIDED INTO TWO VOLUMES WRITTEN BY OUTSTANDING, INTERNATIONALLY RENOWNED SCHOLARS IN THE FIELD. THIS SECOND VOLUME FOCUSES ON FOUNDATIONS AND ADVANCES IN DATA SCIENCE, STATISTICAL MODELING, AND MACHINE LEARNING. IT COVERS A RANGE OF KEY ISSUES, INCLUDING THE MANAGEMENT OF BIG DATA IN TERMS OF RECORD LINKAGE, STREAMING, AND MISSING DATA. MACHINE LEARNING, AGENT-BASED AND STATISTICAL MODELING, AS WELL AS DATA QUALITY IN RELATION TO DIGITAL TRACE AND TEXTUAL DATA, AS WELL AS PROBABILITY, NON-PROBABILITY, AND CROWDSOURCED SAMPLES REPRESENT FURTHER FOCI. THE VOLUME NOT ONLY MAKES MAJOR CONTRIBUTIONS TO THE CONSOLIDATION OF THIS GROWING RESEARCH FIELD, BUT ALSO ENCOURAGES GROWTH INTO NEW DIRECTIONS. WITH ITS BROAD

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COVERAGE OF PERSPECTIVES (THEORETICAL, METHODOLOGICAL, COMPUTATIONAL), INTERNATIONAL SCOPE, AND INTERDISCIPLINARY APPROACH, THIS IMPORTANT RESOURCE IS INTEGRAL READING FOR ADVANCED UNDERGRADUATES, POSTGRADUATES, AND RESEARCHERS ENGAGING WITH COMPUTATIONAL METHODS ACROSS THE SOCIAL SCIENCES, AS WELL AS THOSE WITHIN THE SCIENTIFIC AND ENGINEERING SECTORS.

COMPUTATIONAL THINKING AND SOCIAL SCIENCE - MATTI NELIMARKKA
2022-11-30

WHILST PROVIDING A FUNDAMENTAL UNDERSTANDING OF COMPUTATIONAL SOCIAL SCIENCE, THIS BOOK DELVES INTO THE TOOLS AND TECHNIQUES USED TO BUILD FAMILIARITY WITH PROGRAMMING AND GAIN CONTEXT INTO HOW, WHY AND WHEN THEY ARE INTRODUCED. THE OVERALL FOCUS IS ON HELPING YOU UNDERSTAND AND DESIGN COMPUTATIONAL SOCIAL SCIENCE RESEARCH, ALONGSIDE DELVING INTO HANDS-ON CODING AND TECHNICAL INSTRUCTION. KEY FEATURES INCLUDE: FURTHER READING EXERCISES ACCOMPANIED BY SAMPLE CODE PROGRAMMING EXAMPLES IN SCRATCH, PYTHON AND R KEY CONCEPTS CHAPTER SUMMARIES WITH EXPERIENCE IN COURSE DESIGN AND TEACHING, MATTI NELIMARKKA HAS A DEEP UNDERSTANDING OF LEARNING TECHNIQUES WITHIN COMPUTATIONAL SOCIAL SCIENCES, WITH THE MAIN AIM OF BLENDING RESEARCHING, THINKING AND DESIGNING TOGETHER TO GAIN A

GROUNDING FOUNDATION FOR CODING, PROGRAMMING, METHODOLOGIES AND KEY CONCEPTS.

PRINCIPLES OF DATA MANAGEMENT AND PRESENTATION - JOHN P. HOFFMANN
2017-07-03

WHY RESEARCH? -- DEVELOPING RESEARCH QUESTIONS -- DATA -- PRINCIPLES OF DATA MANAGEMENT -- FINDING AND USING SECONDARY DATA -- PRIMARY AND ADMINISTRATIVE DATA -- WORKING WITH MISSING DATA -- PRINCIPLES OF DATA PRESENTATION -- DESIGNING TABLES FOR DATA PRESENTATIONS -- DESIGNING GRAPHICS FOR DATA PRESENTATIONS
SOCIAL SCIENCES FOR A DIGITAL WORLD BUILDING INFRASTRUCTURE AND DATABASES FOR THE FUTURE - OECD
2000-07-06

THIS BOOK PROVIDES HIGH-LEVEL EXPERTS' VISIONS OF HOW THE INFORMATION AND COMMUNICATION TECHNOLOGIES ARE PROVIDING EXCITING NEW RESEARCH OPPORTUNITIES IN THE SOCIAL SCIENCES.

RESEARCH TRAINING FOR SOCIAL SCIENTISTS - DAWN BURTON
2000-03-15

WITH INDISPENSABLE ADVICE FOR STUDENTS FROM ALL SOCIAL SCIENCE BACKGROUNDS, THIS HANDBOOK PROVIDES THE CORE CONCEPTUAL AND PRACTICAL SKILLS TO EMBARK ON SUCCESSFUL RESEARCH. THE ORGANIZATION OF THE BOOK REFLECTS THE KNOWLEDGE THAT IS REQUIRED IN ORDER TO BECOME A COMPETENT AND EFFECTIVE RESEARCHER. IT FOLLOWS THE LIFE-CYCLE OF THE RESEARCH

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PROJECT: IT BEGINS WITH A DISCUSSION OF ETHICAL AND PHILOSOPHICAL ISSUES; PRESENTS GUIDES TO BOTH QUANTITATIVE AND QUALITATIVE DATA COLLECTION AND ANALYSIS; PROVIDES HELP ON USING COMPUTERS IN RESEARCH; AND INCLUDES ADVICE ON HOW TO WRITE UP AND PRESENT A RESEARCH PROJECT. BASED ON THE UK ECONOMIC AND SOCIAL RESEARCH COUNCIL ADVICE ON THE TRAINING WHICH STUDENTS SHOULD UNDERTAKE IN PREPARATION FOR POSTGRADUATE RESEARCH, THIS BOOK WILL BE INVALUABLE FOR ALL BEGINNING RESEARCHERS.

THE OPEN HANDBOOK OF LINGUISTIC DATA MANAGEMENT - ANDREA L. BEREZ-KROEKER 2022-01-18

A GUIDE TO PRINCIPLES AND METHODS FOR THE MANAGEMENT, ARCHIVING, SHARING, AND CITING OF LINGUISTIC RESEARCH DATA, ESPECIALLY DIGITAL DATA. "DOING LANGUAGE SCIENCE" DEPENDS ON COLLECTING, TRANSCRIBING, ANNOTATING, ANALYZING, STORING, AND SHARING LINGUISTIC RESEARCH DATA. THIS VOLUME OFFERS A GUIDE TO LINGUISTIC DATA MANAGEMENT, ENGAGING WITH CURRENT TRENDS TOWARD THE TRANSFORMATION OF LINGUISTICS INTO A MORE DATA-DRIVEN AND REPRODUCIBLE SCIENTIFIC ENDEAVOR. IT OFFERS BOTH PRINCIPLES AND METHODS, PRESENTING THE CONCEPTUAL FOUNDATIONS OF LINGUISTIC DATA MANAGEMENT AND A SERIES OF CASE STUDIES, EACH OF WHICH DEMONSTRATES A CONCRETE

APPLICATION OF ABSTRACT PRINCIPLES IN A CURRENT PRACTICE. IN PART 1, CONTRIBUTORS BRING TOGETHER KNOWLEDGE FROM INFORMATION SCIENCE, ARCHIVING, AND DATA STEWARDSHIP RELEVANT TO LINGUISTIC DATA MANAGEMENT. TOPICS COVERED INCLUDE IMPLEMENTATION PRINCIPLES, ARCHIVING DATA, FINDING AND USING DATASETS, AND THE VALUATION OF TIME AND EFFORT INVOLVED IN DATA MANAGEMENT. PART 2 PRESENTS SNAPSHOTS OF PRACTICES ACROSS VARIOUS SUBFIELDS, WITH EACH CHAPTER PRESENTING A UNIQUE DATA MANAGEMENT PROJECT WITH GENERALIZABLE GUIDANCE FOR RESEARCHERS. THE OPEN HANDBOOK OF LINGUISTIC DATA MANAGEMENT IS AN ESSENTIAL ADDITION TO THE TOOLKIT OF EVERY LINGUIST, GUIDING RESEARCHERS TOWARD MAKING THEIR DATA FAIR: FINDABLE, ACCESSIBLE, INTEROPERABLE, AND REUSABLE. ENGAGING RESEARCHERS WITH DATA MANAGEMENT: THE COOKBOOK - CONNIE CLARE 2019-10-09

EFFECTIVE RESEARCH DATA MANAGEMENT (RDM) IS A KEY COMPONENT OF RESEARCH INTEGRITY AND REPRODUCIBLE RESEARCH, AND ITS IMPORTANCE IS INCREASINGLY EMPHASISED BY FUNDING BODIES, GOVERNMENTS, AND RESEARCH INSTITUTIONS AROUND THE WORLD. HOWEVER, MANY RESEARCHERS ARE UNFAMILIAR WITH RDM BEST PRACTICES, AND RESEARCH SUPPORT STAFF ARE FACED WITH THE DIFFICULT TASK OF DELIVERING SUPPORT TO

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RESEARCHERS ACROSS DIFFERENT DISCIPLINES AND CAREER STAGES. WHAT STRATEGIES CAN INSTITUTIONS USE TO SOLVE THESE PROBLEMS? ENGAGING RESEARCHERS WITH DATA MANAGEMENT IS AN INVALUABLE COLLECTION OF 24 CASE STUDIES, DRAWN FROM INSTITUTIONS ACROSS THE GLOBE, THAT DEMONSTRATE CLEARLY AND PRACTICALLY HOW TO ENGAGE THE RESEARCH COMMUNITY WITH RDM. THESE CASE STUDIES TOGETHER ILLUSTRATE THE VARIETY OF INNOVATIVE STRATEGIES RESEARCH INSTITUTIONS HAVE DEVELOPED TO ENGAGE WITH THEIR RESEARCHERS ABOUT MANAGING RESEARCH DATA. EACH STUDY IS PRESENTED CONCISELY AND CLEARLY, HIGHLIGHTING THE ESSENTIAL INGREDIENTS THAT LED TO ITS SUCCESS AND CHALLENGES ENCOUNTERED ALONG THE WAY. BY INTERVIEWING KEY STAFF ABOUT THEIR EXPERIENCES AND THE ORGANISATIONAL CONTEXT, THE AUTHORS OF THIS BOOK HAVE CREATED AN ESSENTIAL RESOURCE FOR ORGANISATIONS LOOKING TO INCREASE ENGAGEMENT WITH THEIR RESEARCH COMMUNITIES. THIS HANDBOOK IS A COLLABORATION BY RESEARCH INSTITUTIONS, FOR RESEARCH INSTITUTIONS. IT AIMS NOT ONLY TO INSPIRE AND ENGAGE, BUT ALSO TO HELP DRIVE CULTURAL CHANGE TOWARDS BETTER DATA MANAGEMENT. IT HAS BEEN WRITTEN FOR ANYONE INTERESTED IN RDM, OR SIMPLY, GOOD RESEARCH PRACTICE.

HANDBOOK OF COMPUTATIONAL SOCIAL SCIENCE FOR POLICY -

ELEONORA BERTONI 2023-01-23

THIS OPEN ACCESS HANDBOOK DESCRIBES FOUNDATIONAL ISSUES, METHODOLOGICAL APPROACHES AND EXAMPLES ON HOW TO ANALYSE AND MODEL DATA USING COMPUTATIONAL SOCIAL SCIENCE (CSS) FOR POLICY SUPPORT. UP TO NOW, CSS STUDIES HAVE MOSTLY DEVELOPED ON A SMALL, PROOF-OF CONCEPT, SCALE THAT PREVENTED FROM UNLEASHING ITS POTENTIAL TO PROVIDE SYSTEMATIC IMPACT TO THE POLICY CYCLE, AS WELL AS FROM IMPROVING THE UNDERSTANDING OF SOCIETAL PROBLEMS TO THE DEFINITION, ASSESSMENT, EVALUATION, AND MONITORING OF POLICIES. THE AIM OF THIS HANDBOOK IS TO FILL THIS GAP BY EXPLORING WAYS TO ANALYSE AND MODEL DATA FOR POLICY SUPPORT, AND TO ADVOCATE THE ADOPTION OF CSS SOLUTIONS FOR POLICY BY RAISING AWARENESS OF EXISTING IMPLEMENTATIONS OF CSS IN POLICY-RELEVANT FIELDS. TO THIS END, THE BOOK EXPLORES APPLICATIONS OF COMPUTATIONAL METHODS AND APPROACHES LIKE BIG DATA, MACHINE LEARNING, STATISTICAL LEARNING, SENTIMENT ANALYSIS, TEXT MINING, SYSTEMS MODELLING, AND NETWORK ANALYSIS TO DIFFERENT PROBLEMS IN THE SOCIAL SCIENCES. THE BOOK IS STRUCTURED INTO THREE PARTS: THE FIRST CHAPTERS ON FOUNDATIONAL ISSUES OPEN WITH AN EXPOSITION AND DESCRIPTION OF KEY POLICYMAKING AREAS WHERE CSS CAN PROVIDE INSIGHTS AND INFORMATION. IN DETAIL

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THE CHAPTERS COVER PUBLIC POLICY, GOVERNANCE, DATA JUSTICE AND OTHER ETHICAL ISSUES. PART TWO CONSISTS OF CHAPTERS ON METHODOLOGICAL ASPECTS DEALING WITH ISSUES SUCH AS THE MODELLING OF COMPLEXITY, NATURAL LANGUAGE PROCESSING, VALIDITY AND LACK OF DATA, AND INNOVATION IN OFFICIAL STATISTICS. FINALLY, PART THREE DESCRIBES THE APPLICATION OF COMPUTATIONAL METHODS, CHALLENGES AND OPPORTUNITIES IN VARIOUS SOCIAL SCIENCE AREAS, INCLUDING ECONOMICS, SOCIOLOGY, DEMOGRAPHY, MIGRATION, CLIMATE CHANGE, EPIDEMIOLOGY, GEOGRAPHY, AND DISASTER MANAGEMENT. THE TARGET AUDIENCE OF THE BOOK SPANS FROM THE SCIENTIFIC COMMUNITY ENGAGED IN CSS RESEARCH TO POLICYMAKERS INTERESTED IN EVIDENCE-INFORMED POLICY INTERVENTIONS, BUT ALSO INCLUDES PRIVATE COMPANIES HOLDING DATA THAT CAN BE USED TO STUDY SOCIAL SCIENCES AND ARE INTERESTED IN ACHIEVING A POLICY IMPACT.

*THE MEDICAL LIBRARY ASSOCIATION
GUIDE TO DATA MANAGEMENT FOR
LIBRARIANS* - LISA FEDERER
2016-09-15

TECHNOLOGICAL ADVANCES AND THE RISE OF COLLABORATIVE, INTERDISCIPLINARY APPROACHES HAVE CHANGED THE PRACTICE OF RESEARCH. THE 21ST CENTURY RESEARCHER NOT ONLY FACES THE CHALLENGE OF MANAGING INCREASINGLY COMPLEX DATASETS, BUT ALSO NEW DATA SHARING REQUIREMENTS FROM FUNDERS

AND JOURNALS. SUCCESS IN TODAY'S RESEARCH ENTERPRISE REQUIRES AN UNDERSTANDING OF HOW TO WORK EFFECTIVELY WITH DATA, YET MOST RESEARCHERS HAVE NEVER HAD ANY FORMAL TRAINING IN DATA MANAGEMENT. LIBRARIES HAVE BEGUN DEVELOPING SERVICES AND PROGRAMS TO HELP RESEARCHERS MEET THE DEMANDS OF THE DATA-DRIVEN RESEARCH ENTERPRISE, GIVING LIBRARIANS EXCITING NEW OPPORTUNITIES TO USE THEIR EXPERTISE AND SKILLS. THE MEDICAL LIBRARY ASSOCIATION GUIDE TO DATA MANAGEMENT FOR LIBRARIANS HIGHLIGHTS THE MANY WAYS THAT LIBRARIANS ARE ADDRESSING RESEARCHERS' CHANGING NEEDS AT A VARIETY OF INSTITUTIONS, INCLUDING ACADEMIC, HOSPITAL, AND GOVERNMENT LIBRARIES. EACH CHAPTER ENDS WITH "PEARLS OF WISDOM," A BULLETED LIST OF 5-10 TAKEAWAY MESSAGES FROM THE CHAPTER THAT WILL HELP READERS QUICKLY PUT THE IDEAS FROM THE CHAPTER INTO PRACTICE. FROM THEORETICAL FOUNDATIONS TO PRACTICAL APPLICATIONS, THIS BOOK PROVIDES A BACKGROUND FOR LIBRARIANS WHO ARE NEW TO DATA MANAGEMENT AS WELL AS NEW IDEAS AND APPROACHES FOR EXPERIENCED DATA LIBRARIANS.

SYLLABUS FOR DATA MANAGEMENT
AND PRACTICE, PART I, WINTER
2017, UCLA INFORMATION STUDIES
262A - CHRISTINE L. BORGMAN 2017
INFORMATION IS THE FOUNDATION OF
SCHOLARSHIP. DATA IS A PARTICULAR

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CLASS OF INFORMATION. ONCE CONSIDERED PRIMARILY A PART OF THE SCHOLARLY PROCESS, DATA ARE NOW VIEWED AS PRODUCTS TO BE SHARED, MINED, COMBINED, MANAGED, AND SUSTAINED FOR REUSE. DATA SCIENTISTS ARE INFORMATION PROFESSIONALS WHO MANAGE DATA, WHETHER IN SCIENCE, SOCIAL SCIENCES, HUMANITIES, ARTS, MEDICINE, LAW, GOVERNMENT, OR PRIVATE INSTITUTIONS. AS THE PRACTICAL AND POLITICAL ROLES OF RESEARCH DATA ADVANCE, SO DOES SCHOLARSHIP ON DATA PRACTICES, POLICIES, AND TECHNOLOGIES. THESE TWO COURSES PREPARE GRADUATE STUDENTS FOR PROFESSIONAL POSITIONS IN DATA MANAGEMENT IN ALL FIELDS AND FOR RESEARCH ON DATA PRACTICES. THE JOB MARKET IS EXPANDING RAPIDLY FOR DATA SCIENCE PROFESSIONALS AT BOTH THE MASTER'S AND PHD RESEARCH LEVEL, PROVIDING MANY EMPLOYMENT OPPORTUNITIES. THE HARVARD BUSINESS REVIEW NAMED DATA SCIENTIST AS "THE SEXIEST JOB OF THE 21ST CENTURY." COURSE TOPICS SURVEY THE LANDSCAPE OF DATA MANAGEMENT, PRACTICES, SERVICES, AND POLICY ACROSS FIELDS AND SECTORS, FOCUSING PRIMARILY ON SCHOLARLY APPLICATIONS. THEMES INCLUDE DATA MANAGEMENT PRACTICES (E.G., METADATA, PROVENANCE, TECHNICAL STANDARDS); NATIONAL AND INTERNATIONAL DATA POLICY (E.G., INTELLECTUAL PROPERTY, RELEASE POLICIES, OPEN ACCESS, ECONOMICS); MANAGEMENT OF DATA BY

RESEARCH TEAMS, DATA CENTERS, LIBRARIES, AND ARCHIVES; AND DATA CURATION, PRESERVATION, AND STEWARDSHIP. MANAGING DATA IS A COMPLEX PROCESS, INVOLVING EXPERTISE IN KNOWLEDGE ORGANIZATION, INFORMATION POLICY, TECHNOLOGY, AND IN THE SPECIFIC RESEARCH DOMAIN. THE COURSES ARE INTENDED FOR GRADUATE STUDENTS IN INFORMATION STUDIES AND ANY OTHER DOMAIN THAT REQUIRES THE MANAGEMENT OF RESEARCH DATA. BY BRINGING TOGETHER STUDENTS FROM ACROSS CAMPUS, THESE SEMINAR COURSES WILL ENGAGE STUDENTS IN PRACTICAL, PROFESSIONAL, AND THEORETICAL CHALLENGES IN THE USE AND REUSE OF RESEARCH DATA. ASSIGNMENTS INCLUDE HANDS-ON ANALYSES OF DATA ARCHIVES, DATA MANAGEMENT PLANS, CURATING DATA FOR A RESE

EFFECTIVE BIG DATA MANAGEMENT AND OPPORTUNITIES FOR IMPLEMENTATION - SINGH, MANOJ KUMAR 2016-06-20

"BIG DATA" HAS BECOME A COMMONLY USED TERM TO DESCRIBE LARGE-SCALE AND COMPLEX DATA SETS WHICH ARE DIFFICULT TO MANAGE AND ANALYZE USING STANDARD DATA MANAGEMENT METHODOLOGIES. WITH APPLICATIONS ACROSS SECTORS AND FIELDS OF STUDY, THE IMPLEMENTATION AND POSSIBLE USES OF BIG DATA ARE LIMITLESS. EFFECTIVE BIG DATA MANAGEMENT AND OPPORTUNITIES FOR IMPLEMENTATION EXPLORES EMERGING RESEARCH ON THE EVER-GROWING FIELD OF BIG DATA AND FACILITATES FURTHER

KNOWLEDGE DEVELOPMENT ON METHODS FOR HANDLING AND INTERPRETING LARGE DATA SETS. PROVIDING MULTI-DISCIPLINARY PERSPECTIVES FUELED BY INTERNATIONAL RESEARCH, THIS PUBLICATION IS DESIGNED FOR USE BY DATA ANALYSTS, IT PROFESSIONALS, RESEARCHERS, AND GRADUATE-LEVEL STUDENTS INTERESTED IN LEARNING ABOUT THE LATEST TRENDS AND CONCEPTS IN BIG DATA.

MANAGING AND SHARING RESEARCH DATA - LOUISE CORTI 2014-02-04
RESEARCH FUNDERS IN THE UK, USA AND ACROSS EUROPE ARE IMPLEMENTING DATA MANAGEMENT AND SHARING POLICIES TO MAXIMIZE OPENNESS OF DATA, TRANSPARENCY AND ACCOUNTABILITY OF THE RESEARCH THEY SUPPORT. WRITTEN BY EXPERTS FROM THE UK DATA ARCHIVE WITH OVER 20 YEARS EXPERIENCE, THIS BOOK GIVES POST-GRADUATE STUDENTS, RESEARCHERS AND RESEARCH SUPPORT STAFF THE DATA MANAGEMENT SKILLS REQUIRED IN TODAY'S CHANGING RESEARCH ENVIRONMENT. THE BOOK FEATURES GUIDANCE ON: HOW TO PLAN YOUR RESEARCH USING A DATA MANAGEMENT CHECKLIST HOW TO FORMAT AND ORGANIZE DATA HOW TO STORE AND TRANSFER DATA RESEARCH ETHICS AND PRIVACY IN DATA SHARING AND INTELLECTUAL PROPERTY RIGHTS DATA STRATEGIES FOR COLLABORATIVE RESEARCH HOW TO PUBLISH AND CITE DATA HOW TO MAKE USE OF OTHER PEOPLE'S RESEARCH DATA, ILLUSTRATED WITH SIX REAL-LIFE CASE STUDIES OF DATA USE.

SYLLABUS FOR DATA MANAGEMENT AND PRACTICE, PART I, WINTER 2016, UCLA INFORMATION STUDIES -

CHRISTINE L. BORGMAN 2016
DATA ARE BOTH PROCESS AND PRODUCTS OF THE RESEARCH ENTERPRISE. FUNDING AGENCIES ARE REQUIRING DATA MANAGEMENT PLANS AS PART OF GRANT PROPOSALS, JOURNALS ARE REQUIRING THE RELEASE OF DATA TO REVIEWERS AND READERS ALIKE, AND LIBRARIES AND ARCHIVES ARE ADDING DATA TO THEIR COLLECTIONS. RESEARCHERS ARE ACQUIRING SKILLS IN DATA HANDLING AS PART OF GRADUATE PROGRAMS. MANAGING DATA IS A COMPLEX PROCESS, INVOLVING EXPERTISE IN TECHNOLOGY, KNOWLEDGE ORGANIZATION, INFORMATION POLICY, AND IN THE RESEARCH DOMAIN. THESE TWO INFORMATION STUDIES COURSES (262A AND 262B) SURVEY THE LANDSCAPE OF DATA MANAGEMENT, PRACTICES, SERVICES, AND POLICY, INCLUDING THE USES OF DATA IN THE SCIENCES, SOCIAL SCIENCES, AND HUMANITIES; DATA MANAGEMENT PRACTICES (E.G., METADATA, PROVENANCE, TECHNICAL STANDARDS); NATIONAL AND INTERNATIONAL DATA POLICY (E.G., INTELLECTUAL PROPERTY, RELEASE POLICIES, OPEN ACCESS, ECONOMICS); MANAGEMENT OF DATA BY RESEARCH TEAMS, DATA CENTERS, LIBRARIES, AND ARCHIVES; AND DATA CURATION, PRESERVATION, AND STEWARDSHIP. THE COURSES ARE INTENDED FOR GRADUATE STUDENTS IN INFORMATION STUDIES AND IN ANY DOMAIN THAT REQUIRES THE

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MANAGEMENT OF RESEARCH DATA. BY BRINGING TOGETHER STUDENTS FROM ACROSS CAMPUS, THESE SEMINAR COURSES WILL ENGAGE STUDENTS IN PRACTICAL, PROFESSIONAL, AND THEORETICAL CHALLENGES IN THE USE AND REUSE OF RESEARCH DATA. ASSIGNMENTS INCLUDE ANALYSES OF DATA ARCHIVES, DATA MANAGEMENT PLANS, CURATING DATA FOR A RESEARCH TEAM, AND DOMAIN-SPECIFIC ACTIVITIES. STUDENTS WILL WORK IN TEAMS WITH UCLA RESEARCHERS AND WILL MAKE CLASS PRESENTATIONS. THE COURSE PROVIDES BASIC FOUNDATION ON DATA ISSUES FOR MASTERS AND PHD STUDENTS CONCENTRATING IN LIBRARIES, ARCHIVES, INFORMATICS, INFORMATION POLICY, SCHOLARLY COMMUNICATION, AND TO STUDENTS IN OTHER DISCIPLINES.

DATA SCIENCE LANDSCAPE - Usha Mujoo Munshi 2018-03-01

THE EDITED VOLUME DEALS WITH DIFFERENT CONTOURS OF DATA SCIENCE WITH SPECIAL REFERENCE TO DATA MANAGEMENT FOR THE RESEARCH INNOVATION LANDSCAPE. THE DATA IS BECOMING PERVASIVE IN ALL SPHERES OF HUMAN, ECONOMIC AND DEVELOPMENT ACTIVITY. IN THIS CONTEXT, IT IS IMPORTANT TO TAKE STOCK OF WHAT IS BEING DONE IN THE DATA MANAGEMENT AREA AND BEGIN TO PRIORITIZE, CONSIDER AND FORMULATE ADOPTION OF A FORMAL DATA MANAGEMENT SYSTEM INCLUDING CITATION PROTOCOLS FOR USE BY RESEARCH COMMUNITIES IN DIFFERENT DISCIPLINES AND ALSO ADDRESS

VARIOUS TECHNICAL RESEARCH ISSUES. THE VOLUME, THUS, FOCUSES ON SOME OF THESE ISSUES DRAWING TYPICAL EXAMPLES FROM VARIOUS DOMAINS. THE IDEA OF THIS WORK GERMINATED FROM THE TWO DAY WORKSHOP ON "BIG AND OPEN DATA - EVOLVING DATA SCIENCE STANDARDS AND CITATION ATTRIBUTION PRACTICES", AN INTERNATIONAL WORKSHOP, LED BY THE ICSU-CODATA AND ATTENDED BY OVER 300 DOMAIN EXPERTS. THE WORKSHOP FOCUSED ON TWO PRIORITY AREAS (i) BIG AND OPEN DATA: PRIORITIZING, ADDRESSING AND ESTABLISHING STANDARDS AND GOOD PRACTICES AND (ii) BIG AND OPEN DATA: DATA ATTRIBUTION AND CITATION PRACTICES. THIS IMPORTANT INTERNATIONAL EVENT WAS PART OF A WORLDWIDE INITIATIVE LED BY ICSU, AND THE CODATA-DATA CITATION TASK GROUP. IN ALL, THERE ARE 21 CHAPTERS (WITH 21ST CHAPTER ADDRESSING FOUR DIFFERENT CORE ASPECTS) WRITTEN BY EMINENT RESEARCHERS IN THE FIELD WHICH DEAL WITH KEY ISSUES OF SCIENTIFIC, INSTITUTIONAL, FINANCIAL, SUSTAINABILITY, LEGAL, IPR, DATA PROTOCOLS, COMMUNITY NORMS AND OTHERS, THAT NEED ATTENTION RELATED TO DATA MANAGEMENT PRACTICES AND PROTOCOLS, COORDINATE AREA ACTIVITIES, AND PROMOTE COMMON PRACTICES AND STANDARDS OF THE RESEARCH COMMUNITY GLOBALLY. IN ADDITION TO THE ASPECTS TOUCHED ABOVE, THE NATIONAL / INTERNATIONAL

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PERSPECTIVES OF DATA AND ITS VARIOUS CONTOURS HAVE ALSO BEEN PORTRAYED THROUGH CASE STUDIES IN THIS VOLUME.

CREATIVE RESEARCH METHODS IN THE SOCIAL SCIENCES - HELEN KARA
2015-04-10

THIS ACCESSIBLE BOOK EXAMINES THE FOUR AREAS OF CREATIVE RESEARCH METHODS: ARTS-BASED RESEARCH, RESEARCH USING TECHNOLOGY, MIXED-METHOD RESEARCH AND TRANSFORMATIVE RESEARCH FRAMEWORKS. IT OFFERS EXAMPLES IN PRACTICE AND SHOWS READERS WHY, WHEN, AND HOW TO USE THEM IN THEIR RESEARCH.

CASE STUDIES FOR ETHICS IN ACADEMIC RESEARCH IN THE SOCIAL SCIENCES - LEISA REINECKE FLYNN
2013

THIS BOOK PROVIDES A BASIS FOR CLASS DISCUSSION ABOUT THE RESPONSIBLE CONDUCT OF SOCIAL SCIENCE RESEARCH. THESE 16 BRIEF RESEARCH ETHICS CASES DESCRIBE SITUATIONS IN WHICH ETHICAL DILEMMAS ARISE AND PRESENT THE STUDENT WITH THE OPPORTUNITY TO THINK THROUGH THE DIFFERENT IMPLICATIONS FOR RESEARCHERS. THE CASES EMPHASIZE DIFFERENT TYPES OF ETHICAL DILEMMAS INVOLVING FACULTY, STUDENTS, PARTICIPANTS, AND STAKEHOLDERS. STUDENTS CAN DISCUSS WHAT HAPPENED, WHY IT WAS OR WAS NOT UNETHICAL, AND WHAT SHOULD BE THE CONSEQUENCES FOR THE ACTORS. INCLUDED ARE THE ORIGINAL CASES COMPLETE WITH LEARNING

OBJECTIVES, TEACHING NOTES, AND QUESTIONS FOR DISCUSSION.

READER'S GUIDE TO THE SOCIAL SCIENCES - JONATHAN MICHIE
2014-02-03

THIS 2-VOLUME WORK INCLUDES APPROXIMATELY 1,200 ENTRIES IN A-Z ORDER, CRITICALLY REVIEWING THE LITERATURE ON SPECIFIC TOPICS FROM ABORTION TO WORLD SYSTEMS THEORY. IN ADDITION, NINE MAJOR ENTRIES COVER EACH OF THE MAJOR DISCIPLINES (POLITICAL ECONOMY; MANAGEMENT AND BUSINESS; HUMAN GEOGRAPHY; POLITICS; SOCIOLOGY; LAW; PSYCHOLOGY; ORGANIZATIONAL BEHAVIOR) AND THE HISTORY AND DEVELOPMENT OF THE SOCIAL SCIENCES IN A BROADER SENSE.

THE BEHAVIORAL AND SOCIAL SCIENCES - NATIONAL RESEARCH COUNCIL
1988-02-01

THIS VOLUME EXPLORES THE SCIENTIFIC FRONTIERS AND LEADING EDGES OF RESEARCH ACROSS THE FIELDS OF ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, HISTORY, BUSINESS, EDUCATION, GEOGRAPHY, LAW, AND PSYCHIATRY, AS WELL AS THE NEWER, MORE SPECIALIZED AREAS OF ARTIFICIAL INTELLIGENCE, CHILD DEVELOPMENT, COGNITIVE SCIENCE, COMMUNICATIONS, DEMOGRAPHY, LINGUISTICS, AND MANAGEMENT AND DECISION SCIENCE. IT INCLUDES RECOMMENDATIONS CONCERNING NEW RESOURCES, FACILITIES, AND PROGRAMS THAT MAY BE NEEDED OVER THE NEXT SEVERAL YEARS TO ENSURE RAPID PROGRESS AND

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PROVIDE A HIGH LEVEL OF RETURNS TO BASIC RESEARCH.

INFORMATION LITERACY IN EVERYDAY LIFE - SERAP KURBANOD [?] LU
2019-02-19

THIS BOOK CONSTITUTES THE REFEREED POST-CONFERENCE PROCEEDINGS OF THE 6TH EUROPEAN CONFERENCE ON INFORMATION LITERACY, ECIL 2018, HELD IN OULU, FINLAND, IN SEPTEMBER 2018. THE 58 REVISED PAPERS INCLUDED IN THIS VOLUME WERE CAREFULLY REVIEWED AND SELECTED FROM 241 SUBMISSIONS. THE PAPERS COVER A WIDE RANGE OF TOPICS IN THE FIELD OF INFORMATION LITERACY AND FOCUS ON INFORMATION LITERACY IN EVERYDAY LIFE. THEY ARE ORGANIZED IN THE FOLLOWING TOPICAL SECTIONS: INFORMATION LITERACY IN DIFFERENT CONTEXTS OF EVERYDAY LIFE; INFORMATION LITERACY, ACTIVE CITIZENSHIP AND COMMUNITY ENGAGEMENT; INFORMATION LITERACY, HEALTH AND WELL-BEING; WORKPLACE INFORMATION LITERACY AND EMPLOYABILITY; INFORMATION LITERACY RESEARCH AND INFORMATION LITERACY IN THEORETICAL CONTEXT; INFORMATION SEEKING AND INFORMATION BEHAVIOR; INFORMATION LITERACY FOR DIFFERENT GROUPS IN DIFFERENT CULTURES AND COUNTRIES; INFORMATION LITERACY FOR DIFFERENT GROUPS IN DIFFERENT CULTURES AND COUNTRIES; INFORMATION LITERACY INSTRUCTION; INFORMATION LITERACY AND ASPECTS OF EDUCATION; DATA LITERACY AND RESERACH DATA MANAGEMENT; COPYRIGHT LITERACY;

INFORMATION LITERACY AND LIFELONG LEARNING.

RESEARCH METHODS IN THE SOCIAL SCIENCES: AN A-Z OF KEY CONCEPTS - JEAN- [?] D [?] RIC MORIN 2021-01-29

RESEARCH METHODS IN THE SOCIAL SCIENCES IS A COMPREHENSIVE YET COMPACT A-Z FOR UNDERGRADUATE AND POSTGRADUATE STUDENTS UNDERTAKING RESEARCH ACROSS THE SOCIAL SCIENCES, FEATURING 71 ENTRIES THAT COVER A WIDE RANGE OF CONCEPTS, METHODS, AND THEORIES. EACH ENTRY BEGINS WITH AN ACCESSIBLE INTRODUCTION TO A METHOD, USING REAL-WORLD EXAMPLES FROM A WIDE RANGE OF ACADEMIC DISCIPLINES, BEFORE DISCUSSING THE BENEFITS AND LIMITATIONS OF THE APPROACH, ITS CURRENT STATUS IN ACADEMIC PRACTICE, AND FINALLY PROVIDING TIPS AND ADVICE FOR READERS ON WHEN AND HOW TO APPLY THE METHOD IN THEIR OWN RESEARCH. WIDE RANGING AND INTERDISCIPLINARY, THE TEXT COVERS BOTH WELL-ESTABLISHED CONCEPTS AND EMERGING IDEAS, SUCH AS BIG DATA AND NETWORK ANALYSIS, FOR QUALITATIVE AND QUANTITATIVE RESEARCH METHODS. ALL ENTRIES FEATURE EXTENSIVE CROSS-REFERENCING, PROVIDING EASE OF NAVIGATION AND, POINTING READERS TO RELATED CONCEPTS, AND TO HELP BUILD THEIR OVERALL UNDERSTANDING OF RESEARCH METHODS.

CREATING RESEARCH INFRASTRUCTURES IN THE 21ST-CENTURY ACADEMIC LIBRARY - BRADFORD DEE EDEN

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2015-08-13

CREATING RESEARCH INFRASTRUCTURES IN THE 21ST-CENTURY ACADEMIC LIBRARY FOCUSES ON RESEARCH INFRASTRUCTURES WITH TOPICS SUCH AS RESEARCH AND DEVELOPMENT IN LIBRARIES, DATASETS, E-SCIENCE, GRANTS AND GRANT WRITING, DIGITAL SCHOLARSHIP, DATA MANAGEMENT, LIBRARY AS PUBLISHER, METADATA, WEB ARCHIVING, AND THE RESEARCH LIFECYCLE.

DIGITAL LIBRARIES: SUPPORTING OPEN SCIENCE - PAOLO MANGHI

2019-01-14

THIS BOOK CONSTITUTES THE THOROUGHLY REFEREED PROCEEDINGS OF THE 15TH ITALIAN RESEARCH CONFERENCE ON DIGITAL LIBRARIES, IRCDL 2019, HELD IN PISA, ITALY, IN JANUARY/FEBRUARY 2019. THE 22 FULL PAPERS AND 5 SHORT PAPERS PRESENTED WERE CAREFULLY SELECTED FROM 42 SUBMISSIONS. THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON INFORMATION RETRIEVAL, DIGITAL LIBRARIES AND ARCHIVES, INFORMATION INTEGRATION, OPEN SCIENCE, AND DATA MINING.

HANDBOOK OF RESEARCH ON CONNECTING RESEARCH METHODS FOR INFORMATION SCIENCE RESEARCH -

NGULUBE, PATRICK 2019-12-13

IN TODAY'S GLOBALIZED WORLD, VIABLE AND RELIABLE RESEARCH IS FUNDAMENTAL FOR THE DEVELOPMENT OF INFORMATION. INNOVATIVE METHODS OF RESEARCH HAVE BEGUN TO SHED LIGHT ON NOTABLE ISSUES AND CONCERNS THAT AFFECT THE

ADVANCEMENT OF KNOWLEDGE WITHIN INFORMATION SCIENCE. BUILDING ON PREVIOUS LITERATURE AND EXPLORING THESE NEW RESEARCH TECHNIQUES ARE NECESSARY TO UNDERSTAND THE FUTURE OF INFORMATION AND KNOWLEDGE. THE HANDBOOK OF RESEARCH ON CONNECTING RESEARCH METHODS FOR INFORMATION SCIENCE RESEARCH IS A COLLECTION OF INNOVATIVE RESEARCH ON THE METHODS AND APPLICATION OF STUDY METHODS WITHIN LIBRARY AND INFORMATION SCIENCE. WHILE HIGHLIGHTING TOPICS INCLUDING DATA MANAGEMENT, PHILOSOPHICAL FOUNDATIONS, AND QUANTITATIVE METHODOLOGY, THIS BOOK IS IDEALLY DESIGNED FOR LIBRARIANS, INFORMATION SCIENCE PROFESSIONALS, POLICYMAKERS, ADVANCED-LEVEL STUDENTS, RESEARCHERS, AND ACADEMICIANS SEEKING CURRENT RESEARCH ON TRANSFORMATIVE METHODS OF RESEARCH WITHIN INFORMATION SCIENCE. PEOPLE AND PIXELS - NATIONAL RESEARCH COUNCIL 1998-05-21 SPACE-BASED SENSORS ARE GIVING US AN EVER-CLOSER AND MORE COMPREHENSIVE LOOK AT THE EARTH'S SURFACE; THEY ALSO HAVE THE POTENTIAL TO TELL US ABOUT HUMAN ACTIVITY. THIS VOLUME EXAMINES THE POSSIBILITIES FOR USING REMOTE SENSING TECHNOLOGY TO IMPROVE UNDERSTANDING OF SOCIAL PROCESSES AND HUMAN-ENVIRONMENT INTERACTIONS. EXAMPLES INCLUDE DEFORESTATION AND REGROWTH IN BRAZIL, POPULATION-ENVIRONMENT

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INTERACTIONS IN THAILAND, ANCIENT AND MODERN RURAL DEVELOPMENT IN GUATEMALA, AND URBANIZATION IN THE UNITED STATES, AS WELL AS EARLY WARNINGS OF FAMINE AND DISEASE OUTBREAKS. THE BOOK ALSO PROVIDES INFORMATION ON CURRENT SOURCES OF REMOTELY SENSED DATA AND METADATA AND DISCUSSES WHAT IS INVOLVED IN ESTABLISHING EFFECTIVE COLLABORATIVE EFFORTS BETWEEN SCIENTISTS WORKING WITH REMOTE SENSING TECHNOLOGY AND THOSE WORKING ON SOCIAL AND ENVIRONMENTAL ISSUES.

MANAGING RESEARCH DATA - GRAHAM PRYOR 2012-01-20

THIS TITLE DEFINES WHAT IS REQUIRED TO ACHIEVE A CULTURE OF EFFECTIVE DATA MANAGEMENT OFFERING ADVICE ON THE SKILLS REQUIRED, LEGAL AND CONTRACTUAL OBLIGATIONS, STRATEGIES AND MANAGEMENT PLANS AND THE DATA MANAGEMENT INFRASTRUCTURE OF SPECIALISTS AND SERVICES. DATA MANAGEMENT HAS BECOME AN ESSENTIAL REQUIREMENT FOR INFORMATION PROFESSIONALS OVER THE LAST DECADE, PARTICULARLY FOR THOSE SUPPORTING THE HIGHER EDUCATION RESEARCH COMMUNITY, AS MORE AND MORE DIGITAL INFORMATION IS CREATED AND STORED. AS BUDGETS SHRINK AND FUNDERS OF RESEARCH DEMAND EVIDENCE OF VALUE FOR MONEY AND DEMONSTRABLE BENEFITS FOR SOCIETY, THERE IS INCREASING PRESSURE TO PROVIDE PLANS FOR THE SUSTAINABLE MANAGEMENT OF DATA. ENSURING THAT IMPORTANT DATA

REMAINS DISCOVERABLE, ACCESSIBLE AND INTELLIGIBLE AND IS SHARED AS PART OF A LARGER WEB OF KNOWLEDGE WILL MEAN THAT RESEARCH HAS A LIFE BEYOND ITS INITIAL PURPOSE AND CAN OFFER REAL UTILITY TO THE WIDER COMMUNITY. THIS EDITED COLLECTION, BRINGING TOGETHER LEADING FIGURES IN THE FIELD FROM THE UK AND AROUND THE WORLD, PROVIDES AN INTRODUCTION TO ALL THE KEY DATA ISSUES FACING THE HE AND INFORMATION MANAGEMENT COMMUNITIES. EACH CHAPTER COVERS A CRITICAL ELEMENT OF DATA MANAGEMENT: • WHY MANAGE RESEARCH DATA? • THE LIFECYCLE OF DATA MANAGEMENT • RESEARCH DATA POLICIES: PRINCIPLES, REQUIREMENTS AND TRENDS • SUSTAINABLE RESEARCH DATA • DATA MANAGEMENT PLANS AND PLANNING • ROLES AND RESPONSIBILITIES - LIBRARIES, LIBRARIANS AND DATA • RESEARCH DATA MANAGEMENT: OPPORTUNITIES AND CHALLENGES FOR HEIS • THE NATIONAL DATA CENTRES • CONTRASTING NATIONAL RESEARCH DATA STRATEGIES: AUSTRALIA AND THE USA • EMERGING INFRASTRUCTURE AND SERVICES FOR RESEARCH DATA MANAGEMENT AND CURATION IN THE UK AND EUROPE READERSHIP: THIS IS ESSENTIAL READING FOR LIBRARIANS AND INFORMATION PROFESSIONALS WORKING IN THE HIGHER EDUCATION SECTOR, THE RESEARCH COMMUNITY, POLICY MAKERS AND UNIVERSITY MANAGERS. IT WILL ALSO BE A USEFUL INTRODUCTION FOR STUDENTS TAKING COURSES IN INFORMATION MANAGEMENT ARCHIVISTS

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AND NATIONAL LIBRARY SERVICES.
HANDBOOK OF RESEARCH ON ACADEMIC
LIBRARIES AS PARTNERS IN DATA
SCIENCE ECOSYSTEMS - MANI, NANDITA
S. 2022-05-06

BEYOND PROVIDING SPACE FOR DATA
SCIENCE ACTIVITIES, ACADEMIC
LIBRARIES ARE OFTEN OVERLOOKED IN
THE DATA SCIENCE LANDSCAPE THAT IS
EMERGING AT ACADEMIC RESEARCH
INSTITUTIONS. ALTHOUGH SOME
ACADEMIC LIBRARIES ARE
COLLABORATING IN SPECIFIC WAYS IN A
SMALL SUBSET OF INSTITUTIONS, THERE
IS MUCH UNTAPPED POTENTIAL FOR
DEVELOPING PARTNERSHIPS. AS LIBRARY
AND INFORMATION SCIENCE ROLES
CONTINUE TO EVOLVE TO BE MORE
DATA-CENTRIC AND INTERDISCIPLINARY,
AND AS RESEARCH USING A VARIETY OF
DATA TYPES CONTINUES TO
PROLIFERATE, IT IS IMPERATIVE TO
FURTHER EXPLORE THE DYNAMICS
BETWEEN LIBRARIES AND THE DATA
SCIENCE ECOSYSTEMS IN WHICH THEY

ARE A PART. THE HANDBOOK OF
RESEARCH ON ACADEMIC LIBRARIES AS
PARTNERS IN DATA SCIENCE
ECOSYSTEMS PROVIDES A GLOBAL
PERSPECTIVE ON CURRENT AND FUTURE
TRENDS CONCERNING THE INTEGRATION
OF DATA SCIENCE IN LIBRARIES. IT
PROVIDES BOTH A FOUNDATIONAL BASE
OF KNOWLEDGE AROUND DATA SCIENCE
AND EXPLORES NUMEROUS WAYS
ACADEMICIANS CAN RESKILL THEIR
STAFF, ENGAGE IN THE RESEARCH
ENTERPRISE, CONTRIBUTE TO
CURRICULUM DEVELOPMENT, AND HELP
BUILD A STRONGER ECOSYSTEM WHERE
LIBRARIES ARE PART OF DATA SCIENCE.
COVERING TOPICS SUCH AS DATA
SCIENCE INITIATIVES, DIGITAL
HUMANITIES, AND STUDENT
ENGAGEMENT, THIS BOOK IS AN
INDISPENSABLE RESOURCE FOR
LIBRARIANS, INFORMATION
PROFESSIONALS, ACADEMIC
INSTITUTIONS, RESEARCHERS, ACADEMIC
LIBRARIES, AND ACADEMICIANS.