



Data information literacy [librarians, data, and the education of a new generation of researchers /

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Monografía

"Given the increasing attention to managing, publishing, and preserving research datasets as scholarly assets, what competencies in working with research data will graduate students in STEM disciplines need to be successful in their fields? And what role can librarians play in helping students attain these competencies? In addressing these questions, this book articulates a new area of opportunity for librarians and other information professionals, developing educational programs that introduce graduate students to the knowledge and skills needed to work with research data. The term "data information literacy" has been adopted with the deliberate intent of tying two emerging roles for librarians together. By viewing information literacy and data services as complementary rather than separate activities, the contributors seek to leverage the progress made and the lessons learned in each service area. The intent of the publication is to help librarians cultivate strategies and approaches for developing data information literacy programs"--

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Contenido: Determining data information literacy needs : a study of students and research faculty / Jake Carlson, Michael Fosmire, C.C. Miller, Megan Sapp Nelson -- Developing the Data Information Literacy project : approach and methodology / Jake Carlson, Lisa R. Johnston, Brian Westra -- An exploration of the data information literacy competencies : findings from the project interviews / Jake Carlson, Jon Jeffryes, Lisa R. Johnston, Mason Nichols, Brian Westra, Sarah J. Wright -- Developing a for-credit course to teach data information literacy skills : a case study in natural resources / Sarah J. Wright, Camille Andrews -- Addressing software code as data : an embedded librarian approach / Jake Carlson, Megan Sapp Nelson -- Teaching data information literacy skills in a library workshop setting : a case study in agricultural and biological engineering / Marianne Bracke, Michael Fosmire -- Teaching civil engineering data information literacy skills : an e-learning approach / Lisa R. Johnston, Jon Jeffryes -- Teaching ecology data information literacy skills to graduate students : a discussion-based approach / Brian Westra, Dean Walton -- Developing data information literacy programs : a guide for academic librarians / Sarah J. Wright, Jake Carlson, John Jeffryes, Camille Andrews, Marianne Bracke, Michael Fosmire, Lisa R. Johnston, Megan Sapp Nelson, Dean Walton, Brian Westra -- Where do we go from here? Further developing the data information literacy competencies / Megan Sapp Nelson -- Future directions for data information literacy : growing programs and communities of practice / Jake Carlson

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