The Roles of Data Citation in Data Management

Christine L Borgman, University of California, Los Angeles

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Christine L. Borgman
Professor & Presidential Chair in Information Studies, UCLA

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One of the continuing barriers to managing data for reuse is that authors rarely cite the data they use. The problem is manifold. Many stakeholders with competing interests are concerned with data citation, including authors, publishers, funding agencies, universities, libraries, repositories, and commercial and public interest groups. Goals and practices for citation mechanisms vary accordingly, such as credit, attribution, discovery, licensing, access, curation, and reuse. The problem of data citation is not simply a technical matter of mapping bibliographic citation methods. Rather, it is a challenge that lies deep within scholarly communication practices. This talk will explore the roles of data citation in scholarship and the implications for managing research data.

Christine L. Borgman is Professor and Presidential Chair in Information Studies at UCLA. Prof. Borgman is the author of more than 200 publications in information studies, computer science, and communication. Her monographs, Scholarship in the Digital Age: Information, Infrastructure, and the Internet (MIT Press, 2007) and From Gutenberg to the Global Information Infrastructure: Access to Information in a Networked World (MIT Press, 2000), each won the Best Information Science Book of the Year award from the American Society for Information Science and Technology. Her next book, Big Data, Little Data, No Data: Scholarship in the Networked World, is forthcoming from MIT Press in late 2014. She is a Fellow of the American Association for the Advancement of Science and of the Association for Computing Machinery.