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Abstract:

Federal agencies, professional societies, and research organizations in the geo-sciences are moving towards requiring researchers to formally cite data that led to a given research result. This trend promotes transparency in research by offering a direct pathway to the data so the research can be validated or easily carried forward from a known starting point. Such "data citations" also raise the profile of data, that is, they promote data as being as valued and rewarded in scientific settings as peer-reviewed publications. This paper is the product of an inter-divisional working group created to study, promote, and implement citations to NCAR/UCP digital resources. The paper describes how citations to NCAR/UCP digital resources could make our research products more accessible, and provides a number of recommendations for creating citations and assigning web-accessible identifiers to digital resources.

Comments on this Technical Note and requests for additional information should be sent to Matt Mayernik at mayernik@ucar.edu. Links to earlier versions of this document are provided below.

Attachments

File	Modified
Microsoft Word Document data cit white paper NCAR public Dec2011.docx Data citation white paper, open for comments. Editorial changes made, April 10	Apr 10, 2012 by Matthew Mayernik
Microsoft Word Document data cit white paper NCAR public June2012.docx Data citation white paper SECOND DRAFT, open for comments.	Jun 04, 2012 by Matthew Mayernik

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