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## Creation of Data Management Services

Zari Kamarei

*University of Rochester*

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# Creation of Data Management Services

University of Rochester

Zari Kamareii  
Director of Science and Engineering  
Libraries

## E-Science

Dispersed Teams  
Doing Research via  
Technology



Computational Systems  
Scientific Instruments  
Networks, Databases, Sensors  
Software Components,  
Open Access Repositories  
Big Data

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**Challenges for Researchers**  
Requirements & restrictions  
Laws  
Data management plans  
Data sharing





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**Challenges for Researchers**  
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Data Sharing



**How Libraries  
Could Assist**  
Metadata  
Access  
Preservation and  
archiving

Example Image

Example Metadata

Photographer:	J.Hunt
Date:	8/7/99
Location:	Kern River
Subject:	Golden Trout
Focus Distance:	2 feet
Zoom:	2-to-1