



Managing data through its lifecycle

Light Source



Globus transfers files reliably, securely

2

Transfer

Compute Facility



4

Globus controls access to shared files on existing storage; no need to move files to cloud storage!



7

Curator reviews and approves; data set published on campus or other system

1

PI initiates transfer request; or requested automatically by script or science gateway



3

PI selects files to share, selects user or group, and sets access permissions

Share

6

Researcher assembles data set; describes it using metadata (Dublin core and domain-specific)



Publication Repository

5

Researcher logs in and accesses shared files; no local account required; download via Globus

Publish

6

Peers, collaborators search and discover datasets; transfer and share using Globus

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Discover

- **SaaS** → Only a web browser required
- **Access using your campus credentials**
- **Globus monitors and informs throughout**

globus.org



Personal Computer

