

MAKING DATA DISCOVERABLE • FACILITATING REUSE • ADVANCING RESEARCH • ENRICHING THE HUMAN EXPERIENCE

The Texas Digital Library (TDL) is a consortium of higher education institutions in Texas that provides shared services in support of research and learning. Since 2005, TDL member institutions have worked together to develop services to support greater access to the riches found at Texas academic institutions.

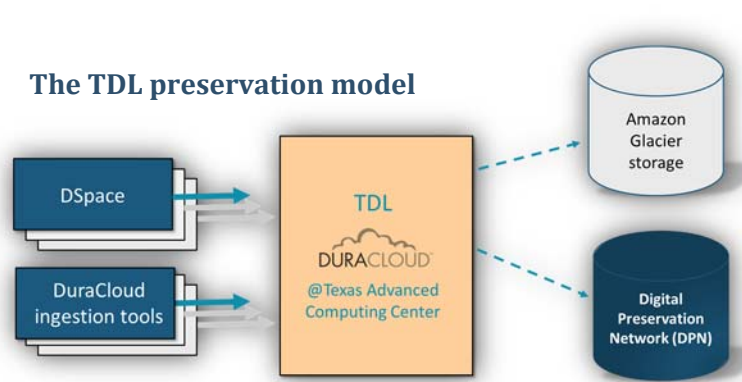
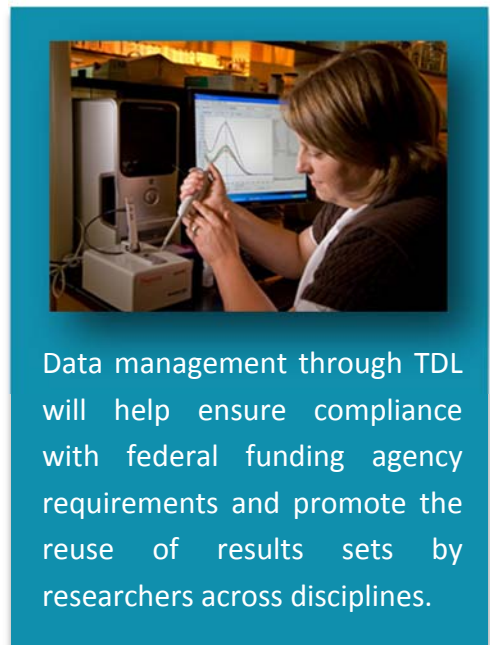
The TDL is developing services for **data storage, preservation, and discoverability.**

Storage

- TDL provides storage for large datasets through a partnership with the **Texas Advanced Computing Center (TACC)**.
- With multiple petabytes of dedicated user storage, TACC provides rapid-access, ultra high-density storage systems.
- Currently, TDL contracts with TACC for **270 TB of storage** in Austin for use by its members.

Preservation

- TDL provides preservation storage through **DuraCloud**, which facilitates storage of multiple off-site copies of content in the “cloud” and applies preservation support services to the stored content.
- Preservation support services include:
 - **Duplicate on change**—synchronizes content between storage providers
 - **Bit integrity checker**—verifies that content maintains bit integrity
- Additionally, TDL is a charter member of the **Digital Preservation Network (DPN)** project. This project is a nationwide collaborative effort by and for the Academy to build large-scale, distributed preservation solutions.



Discoverability

- TDL is committed to making data not just accessible, but easily *discoverable* by other researchers.
- The key to discoverability is in applying metadata standards that facilitate discovery in institutional repositories and third party search engines like Google, Yahoo!, and Bing.
- A Data Management Working Group commissioned by TDL will explore options for discoverability of datasets through the widely used institutional repository application **DSpace**.

Partners



Contact the Texas Digital Library

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