

FABERC : Building the Foundation for the Digital Library in Fire and Building Education Collections

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What is FABERC?

- **Fire and Building Educational Resource Collection**
- **Collaboration of WPI fire faculty, Gordon Library, Web Development Office and Academic Technology Center**
- **Aggregator and resource gateway for the fire science and building communities**
- **Repository for collections of pedagogically sound content**

Beginnings

- **Spring 2003 grant to NSF for digital library in the fire sciences to be part of the National Sciences Digital Library (NSDL)**
- **Grant partially funded to create prototype digital library**

The Team

WPI Fire Protection Engineering Dept.

- **Project management**
- **Content and content expertise**
- **Professional contacts**
- **Instructional design and assessment**

Gordon Library

- **Project management**
- **Digital library expertise**
- **Content**
- **Collection development**

The Team (cont'd)

Academic Technology Center

- **Project management**
- **Systems engineering and support**
- **Media production and technology expertise**
- **Instructional design and assessment**

Web Development Office

- **Graphic design**
- **Web design and development**
- **Online survey experience**

Project Tasks

- **Create a governance structure**
- **Create a database structure**
- **Catalog existing resources**
- **Develop, test and publish portal**
- **Assess project outcomes**
- **Disseminate results**

Governance Structure

- **Selected from fire community, WPI, DLESE**
- **Defined policies to address needs**
- **Established collection policies**
- **Based on DLESE model**

Progress to date

- Logo designed



- Website established (www.FABERC.org)
- Survey undertaken

Database

- **FABERC database created in test database using WPI's existing software—Endeavor's ENCompass**
- **Metadata structure developed to describe digital objects—Firedoc, LC subject headings and locally created keywords**
- **Repositories created for collections—fire sprinklers (movie files) and electronic text documents (WPI ETDs and documents from Emmons Collection)**
- **Object records created manually**

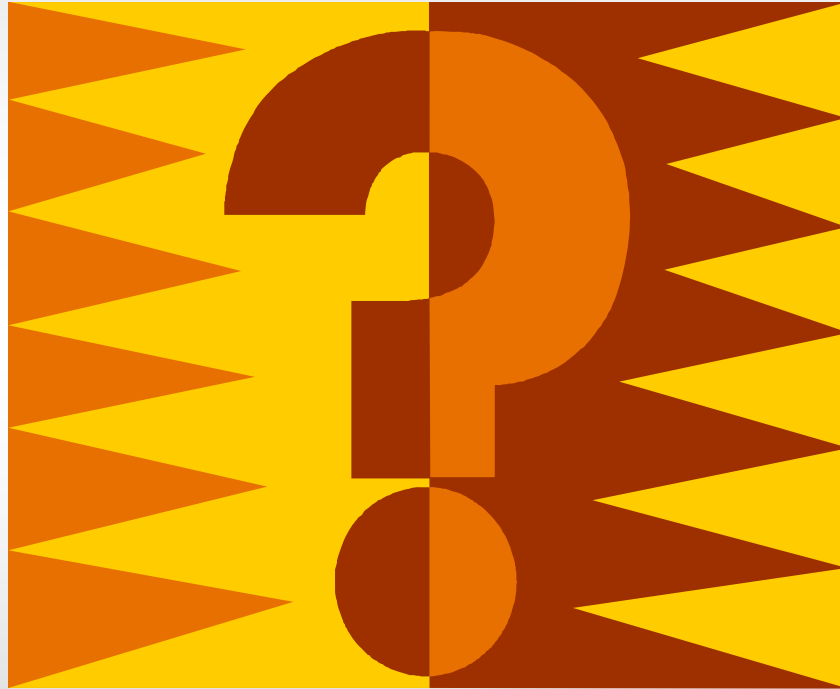
Next steps

- **Bulkload metadata from NIST BFRL collection**
- **Analyze survey results**
- **Determine better structure for database and searching**
- **Integrate search mechanism into FABERC homepage**
- **Create mechanism for other libraries and institutions to add to database**
- **Work on OAI harvesting for inclusion in NSDL**
- **Apply for further funding**
- **Develop more partners**

Resources

- **FABERC** <http://www.faberc.org>
- **To search FABERC database:**
<http://encompass.wpi.edu:20008>
<http://www.faberc.org/search.html>
- **NSDL:** <http://nsdl.org>

Questions? Comments!



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