Publishing Open Educational Resources

Janet Swatscheno
Digital Publishing Librarian
University of Illinois at Chicago
jswatsc2@uic.edu

incipiantes

UW-Madison

sted text which can be paches to the teaching ext is designed to sis for using Brazilian practice and and the









Download this book

 $\overline{}$

What we'll cover

- Platform Options
 - Free
 - Inexpensive
- Workflows and Formats
- Indexing/ Getting in OER Repositories

Platform Options

Free Platforms

- OER Commons
- Institutional Repository (if available)
- Gitbook

Inexpensive

Pressbooks

OER Publishing Platforms



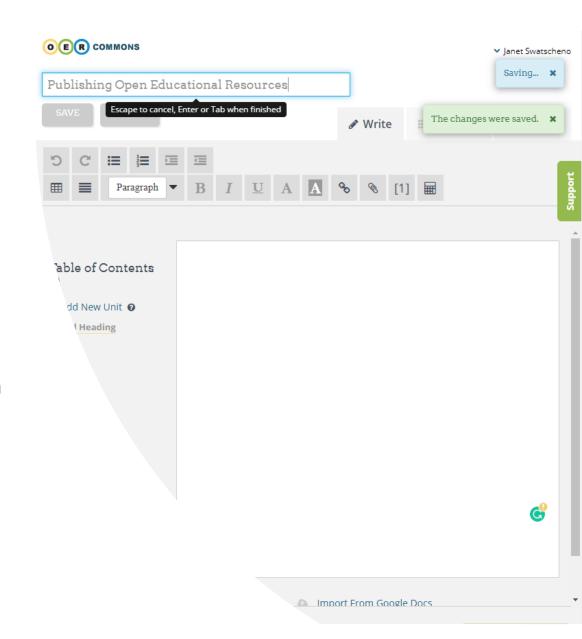
OER Commons

oercommons.org

- Anyone can sign up for free at oercommons.org
- Both a repository and authoring tool
- Easy to use with no HTML or CSS knowledge required
- Ability to upload
 Word documents,
 Google Docs, PDFs,
 or author directly
 in the tool

OER Commons

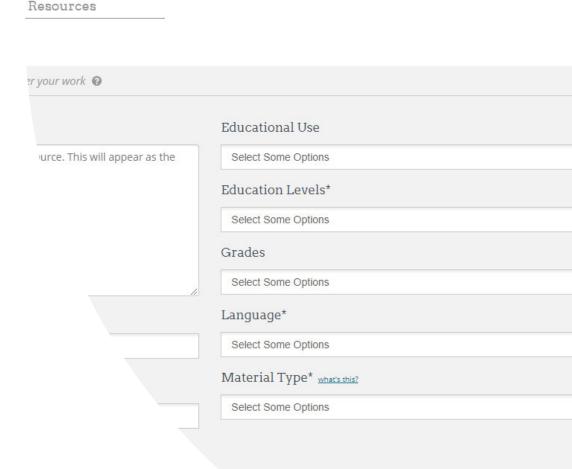
- Resource Builder
 - Simple WYSIWYG
 - Can upload or embed videos, images, and audio
 - Supports LaTex symbols for math equations
 - Allows for multiple authors
 - Organization
 - Table of contents
 - Units

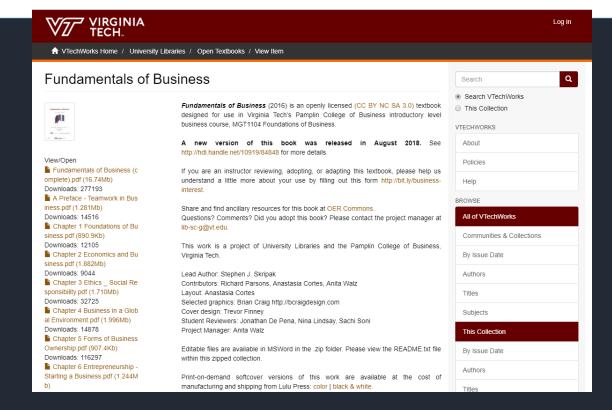


OER Commons

Metadata

- Abstract
- General Subject (controlled vocabulary)
- Education Level
- Material type
- Keywords
- Open license

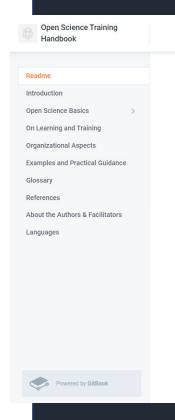




Institutional Repository

- Most IRs will accept common OER formats such as PDF, EPUB, MP4, etc.
- Can use the IR to archive different versions
- Example:

 Fundamentals of
 Business at Virginia
 Tech
 (https://vtechwork
 s.lib.vt.edu/handle
 /10919/70961)



Readme





The Open Science Training Handbook

A group of fourteen authors came together in February 2018 at the TiB (German National Library of Science and Technology) in Hannover to create an open, living handbook on Open Science training. High-quality trainings are fundamental when aiming at a cultural change towards the implementation of Open Science principles. Teaching resources provide great support for Open Science instructors and trainers. The Open Science training handbook will be a key resource and a first step towards developing Open Access and Open Science curricula and andragogies. Supporting and connecting an emerging Open

Q Search...

C Edit on GitHub

≡ CONTENTS

The Open Science Training Han...
Help us making the handbook b...

Let's run an Open Science traini...

How to refer to the handbook

The Authors and the Book Sprin...

Thank you to

Copyright statement

Funding

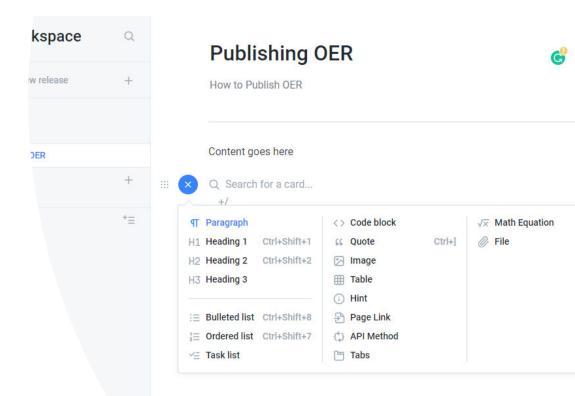
- Anyone can sign up for free at gitbook.com and create public books
- \$7/ month for private books
- Backend is relatively easy to use
- Very limited design options

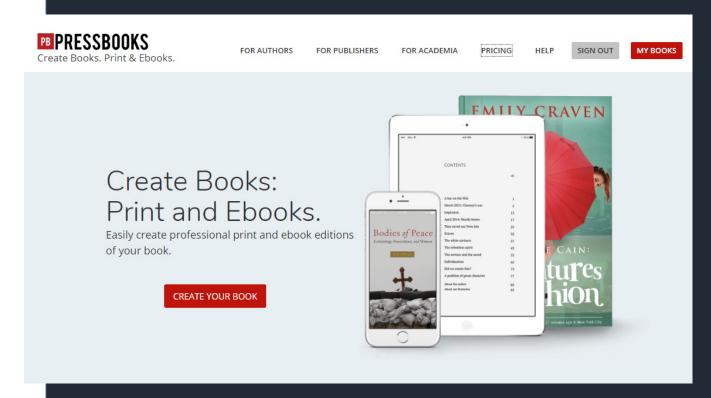
Gitbook

gitbook.com

Gitbook

- Gitbook
 - Simple WYSIWYG
 - Can upload videos, images, and audio
 - Supports LaTex symbols for math equations
 - Allows for multiple authors
 - Organization
 - Table of contents
 - Pages



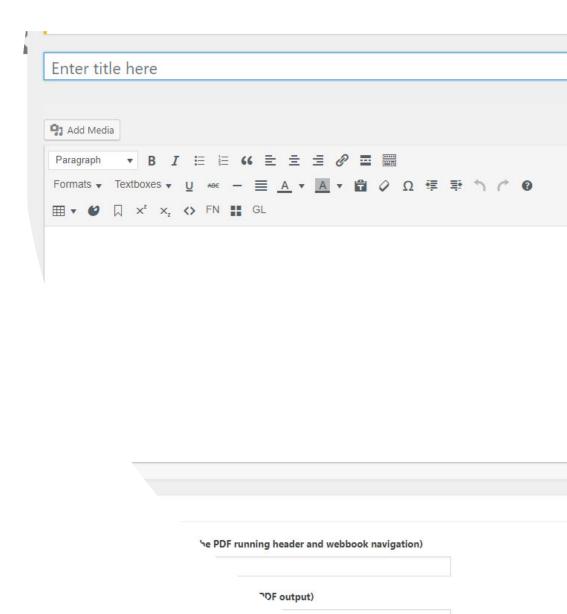


Pressbooks

- Anyone can sign up for free at pressbooks.com
- Pricing for one book starts at \$19.99
- WordPress-based backend is relatively easy to use
- Ability to upload
 Word documents
 or author directly
 in the tool

Pressbooks

- Simple WYSIWYG
- Can upload videos, images, and audio
- Supports LaTex symbols for math equations
- Supports <u>H5P Learning Objects</u>
 - Quizzes, questionnaires, etc.
- Allows for multiple authors
- Organization:
 - Book
 - Parts
 - Chapters
- As members of the Open Textbook Network, CARLI members can create 1 free Pressbooks book through the OTN
 - Contact Elizabeth at <u>support@carli.illinois.edu</u> for more information



Workflows and Formats

What to Consider:

- What is the ideal way for students to access the information?
- Is it important that student are able to print or order a print version of the resource?
- Will the open resource include videos, audio recordings, or interactive elements?
- Can the library or other service on campus host the material?
 - Institutional Repository within the library
 - Static sites available from campus

Print vs. Online

Print Workflows:

- Typesetting
- Cover design
- Print on demand

Digital/Online Workflows:

- HTML
- CSS
- Plugins
- Web accessibility

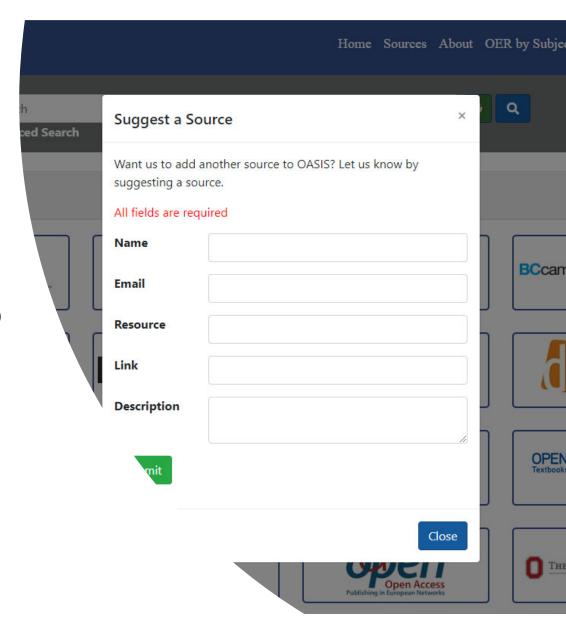
Workflows and Formats: Think about accessibility from the beginning

- Students have a right to access their course material from the first day of class, regardless of ability
- It's important that all elements of the OER meet web accessibility guidelines
 - Use proper formatting—Headings, paragraphs, etc.
 - Images should have alternative descriptions
 - Audio and video files should include transcriptions
 - Consider creating both PDFs and EPUBs (a preferred format for accessibility)
- Resource: BCcampus Accessibility Toolkit (https://opentextbc.ca/accessibilitytoolkit/)

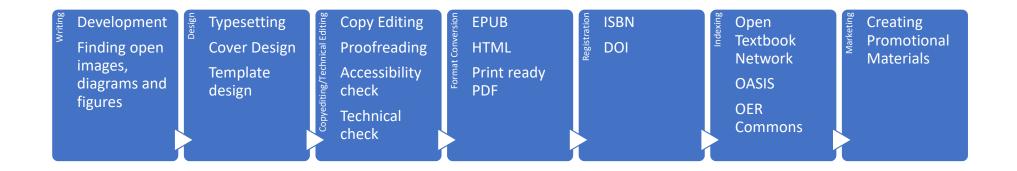
Indexing/ Getting in OER Repositories

- Use OER Commons as a repository (oercommons.org)
 - Even if you don't use the platform to create the OER, you can publish the contents to OER Commons
- Open Textbook Library (https://open.umn.edu/opentextbooks/)
 - Has an open license that allows for derivatives
 - Is a complete book (not individual chapters) available as a portable file (e.g. PDF, ePub)
 - Is currently in use at multiple higher educational institutions, or affiliated with a higher education institution, scholarly society, or professional organization
 - Is an original textbook (not a derivative of another textbook) or is for an entirely new audience
- OASIS (https://oasis.geneseo.edu/)
 - Suggest a Source
- Directory of Open Access Books (DOAB) Application

(https://www.doabooks.org/doab?func=apply&uiLanguage=en)



OER Publishing Workflow Overview



Questions?

Contact Information:

Janet Swatscheno

Digital Publishing Librarian at University of Illinois at Chicaago

jswatsc2@uic.edu