

Zotero Best Practices for LTER Sites

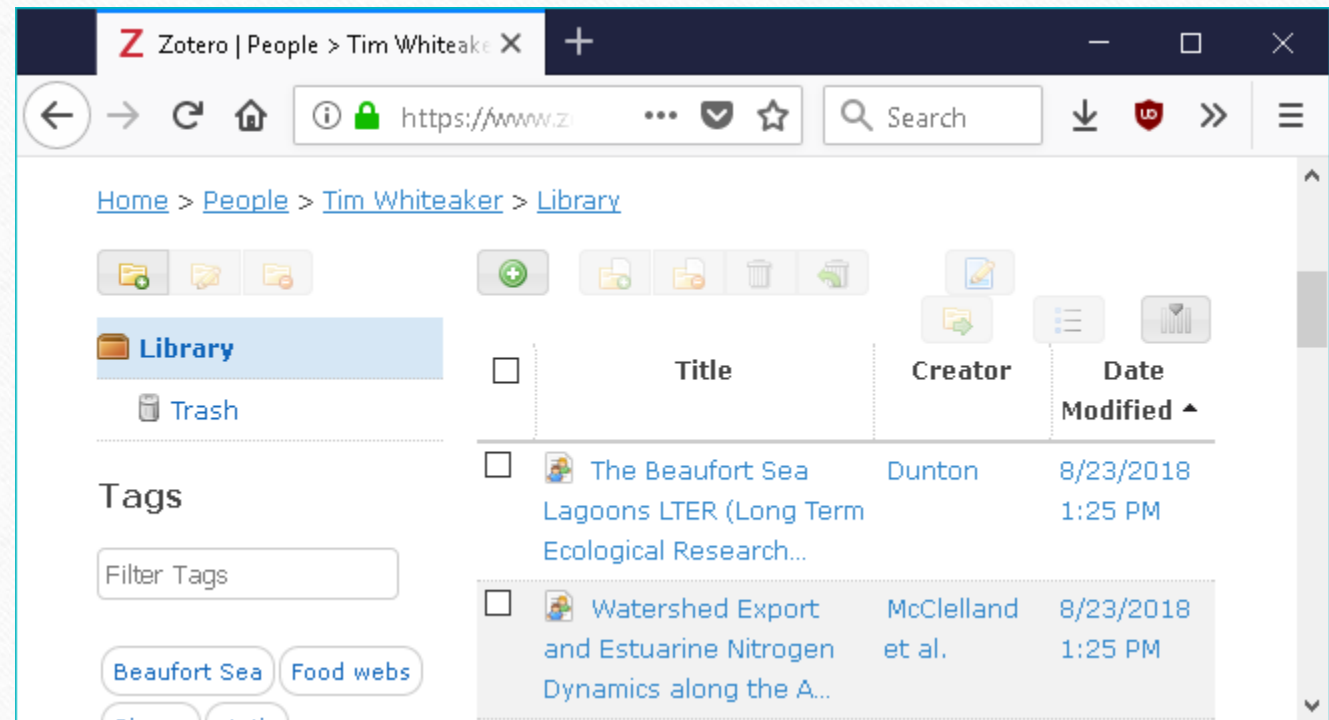
Tim Whiteaker

BLE-LTER

2019-02-11

What Is Zotero

- Free and open source reference manager
- Like other reference managers, and:
 - Works locally and in the cloud
 - Has a online API



What I'll Cover

Minimal Zotero introduction, plus:

simplifying Research.gov reporting,

and

a searchable bibliography for your website

Submit New Product(s)

Select the type of product you want to add to your report or upload multiple products using BibTex file. [?](#)

Select Product:

Search our bibliography, or view [our library on Zotero](#).

Found 5 results for **arctic**

Harris,Carolynn M., Nathan D. McTigue, James W. McClelland, and Kenneth H. Dunton. "Do High Arctic Coastal Food Webs Rely on a Terrestrial Carbon Subsidy?" *Food Webs* 15 (June 1, 2018): e00081.

Quick Start

- Sign up for your free account at <https://www.zotero.org/>
- Install desktop client and Firefox add-on (Zotero Connector)
- Create LTER-*ABC* group

Some Basic Suggestions

- In the desktop client, set these preferences:

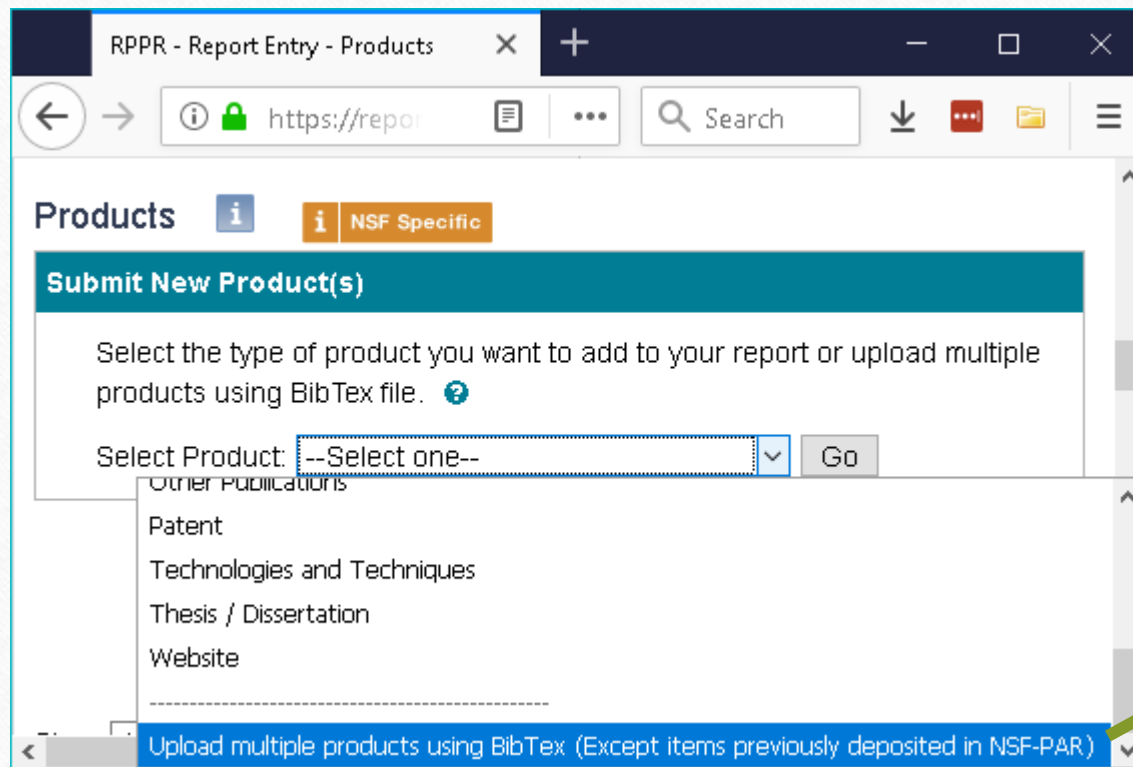
- Don't sync attachments
- Don't take webpage snapshots

**You get 300 MB
at the free tier**

- Include a DOI when possible
- Share privileges wisely

Reporting to Research.gov

Research.gov Accepts BibTeX



The screenshot shows a web browser window with the title 'RPPR - Report Entry - Products'. The address bar shows 'https://report.gov'. The page has a dark blue header with a search bar and navigation icons. Below the header, there's a 'Products' section with an 'NSF Specific' tag. The main content area is titled 'Submit New Product(s)' and contains the instruction: 'Select the type of product you want to add to your report or upload multiple products using BibTeX file.' Below this is a 'Select Product:' dropdown menu with the text '--Select one--' and a 'Go' button. The dropdown menu is open, showing a list of product types: 'Other Publications', 'Patent', 'Technologies and Techniques', 'Thesis / Dissertation', and 'Website'. At the bottom of the page, there is a link: 'Upload multiple products using BibTeX (Except items previously deposited in NSF-PAR)'.

Export from Zotero to BibTeX
to upload products in bulk

Yay!

Crosswalk to Gov

- For items awaiting publication, leave the year blank
- Use the right fields, e.g., for non-peer-reviewed presentations:
 - The Zotero item type is Conference Paper
 - Enter the conference name as the Proceedings Title
- See the Zotero Best Practices document for a more complete crosswalk

environmentaldatainitiative.org/resources/external-dm-resources/

Crosswalk Table Preview

Zot Type	Zot Field	Bib Type	Bib Field	Gov Type	Gov Field
*Journal Article	Author Date Title Publication Volume Issue Pages DOI ISSN	article	author year title journal volume number pages doi issn	Journal or Juried Conference Paper	authors year title journal volume issue pages doi issn (if no DOI)
Book	Author Title Date Edition Volume Editor Place Publisher ISBN	book	author title year edition volume editor address publisher isbn	Book	author title year edition volume editor place publisher ISBN
Book Section	Title Author Book Title Date	incollection	title author booktitle year	Book Chapters	chapter title author book title year

What Works

Yes

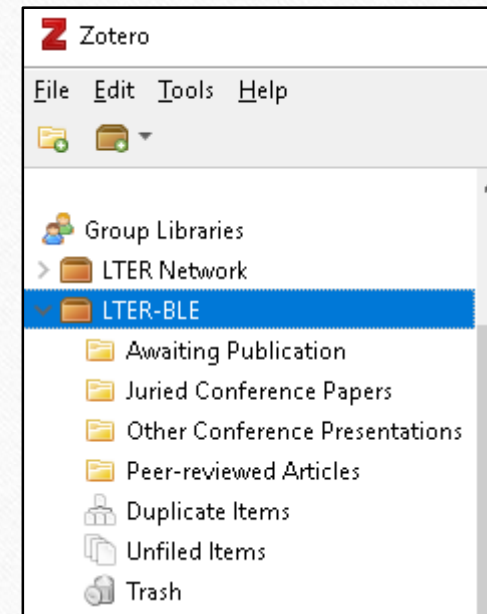
- Book
- Book section
- Thesis or dissertation
- Conference paper or presentation

No (?)

- Peer-reviewed journal article
- Item types not listed on this slide

Organize with Collections

- Peer-reviewed
- Non-peer-reviewed
- Awaiting publication
- or whatever works for you



Research.gov Demo

Bibliography for Your Website

Zotero API Clients

- ZotPress – WordPress plugin used by VCR and NGA
- JavaScript Client – Designed for static websites; written and used by BLE
<https://github.com/BLE-LTER/Zotero-JavaScript-Search-Client>
- pyzotero – Python wrapper for the API; may be useful for Django sites

Should I Use It?

Pros

- API usage is free, and it works
- Existing clients available
- Can handle tens of thousands of items

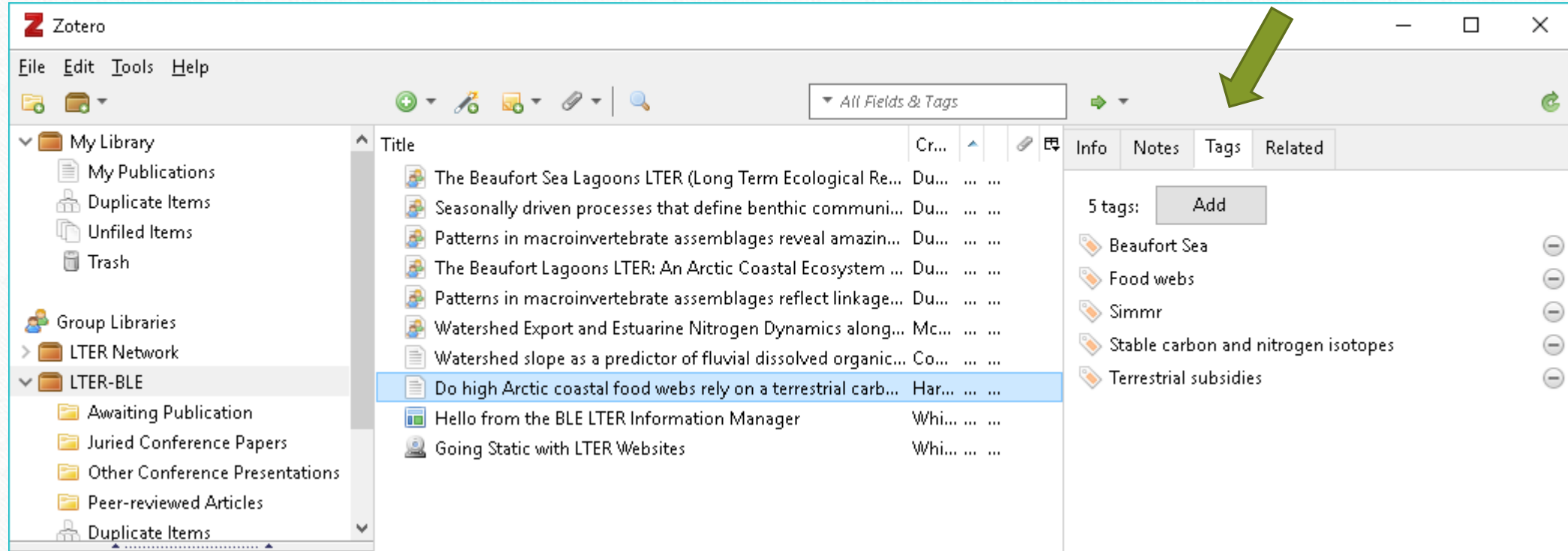
Cons

- Slow
- Advanced search is limited to filtering by item type

Summary

- Zotero can expedite submission of non-peer reviewed products to Research.gov
 - Make sure you fill in the appropriate fields
- API clients enable a searchable bibliography on your website
- Use collections to your advantage

What about tags and notes?



For more info

- See Zotero Best Practices in EDI's external data management resources
<https://environmentaldatainitiative.org/resources/external-dm-resources/>