ENABLING FACULTY EXPERIENTIAL LEARNING THROUGH
AUTHORING OPEN EDUCATIONAL RESOURCES

Conference on Higher Education Pedagogy
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GETTING TO KNOW US

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GETTING TO KNOW YOU
PRESENTATION OUTLINE

What is OEI?

Current project: Sustainable Property Management

Current project: Introduction to Earth Science

Hearing from audience: Tell us about your projects!

Open textbooks published through Virginia Tech

Current project: Fish, Fishing, and Conservation

Hearing from authors: motivations, hurdles, and success factors

Discussion / Q&A
WHAT IS THE OEI/OPEN EDUCATION INITIATIVE?

+ A program of the Scholarly Communication department of the University Libraries at Virginia Tech;
+ **Goal:** Improve student learning and make faculty teaching materials more accessible, affordable, quality, flexible/adaptable, engaging and innovative
+ Everything we produce is freely available online under an open license
+ We have historically supported a lot of different formats
+ We maintain a posture of learning.

Support we provide:
+ Consultation
+ Review
+ Production
+ Impact tracking
OER produced in a variety of disciplines with faculty since 2016
PROJECT OVERVIEW: Erin Hopkins

+ **Goals**
  + For students to understand how ecologically sustainable concepts may be implemented throughout the various categories of property management operations while also considering the other spheres of sustainability
  + Have a free resource to use in developing this understanding

+ **Outcome**
  + A textbook consisting of 8 chapters with a glossary, indexing, as well as ancillaries
PROJECT OVERVIEW: Don Orth

+ Goals
  + Explore diversity of fish, fishing, and conservation efforts for a broad audience of undergraduate students. Examine characteristics of successful conservation and recovery plans.

+ Outcome
  + An open educational textbook with 15 original chapters on contemporary issues from various parts of the world.
+ **Goals**
  
  + Provide a comprehensive introduction to Earth Science that can be freely accessed (intended for a typical 1000-level university introductory course in the Geosciences).

+ **Outcome**
  
  + A 17-chapter open textbook that includes free self-test assessment questions embedded within each chapter.

https://doi.org/10.21061/introearthscience & https://pressbooks.lib.vt.edu/introearthscience
HEARING FROM AUTHORS

+ If you didn't already address this, what motivated you to take on this project?
+ What do you wish you knew before you got started on this project? What surprises or hurdles did you encounter?
+ What types of support have been essential for your success?
+ Tell us about the student response to your open educational resource.
+ What incentives/support systems/leave/stipends are there for doing this kind of work?
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HEARING FROM THE AUDIENCE

Are you working on similar projects in your own context? What success factors and challenges do you see for those projects?
Thank you!

Discussion / Q&A

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