

ENABLING FACULTY EXPERIENTIAL LEARNING THROUGH AUTHORING OPEN EDUCATIONAL RESOURCES

Conference on Higher Education Pedagogy

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Anita Walz
Kindred Grey
Erin Hopkins
Donald Orth
Laura Nesper

Virginia Tech



GETTING TO KNOW US



Kindred Grey

OER Assistant

University Libraries



Anita Walz

OER Project Manager

University Libraries



Laura Neser

Instructor & Author

Dept. of Geosciences



Charlotte Baker

Asst Prof & Author

Dept. of Population

Health Sciences



Erin Hopkins

Assoc Prof & Author

*Dept. of Apparel, Housing, &
Resource Management*



Donald Orth

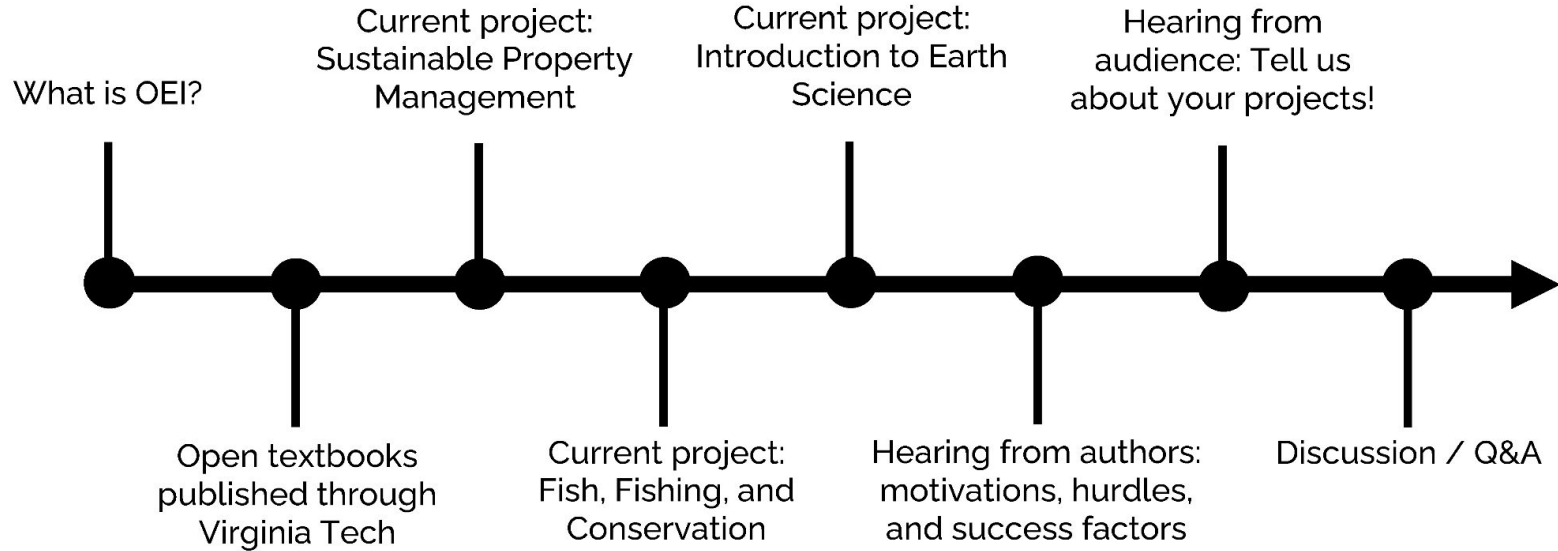
Professor & Author

Dept. of Fish & Wildlife

GETTING TO KNOW YOU



PRESENTATION OUTLINE



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**.

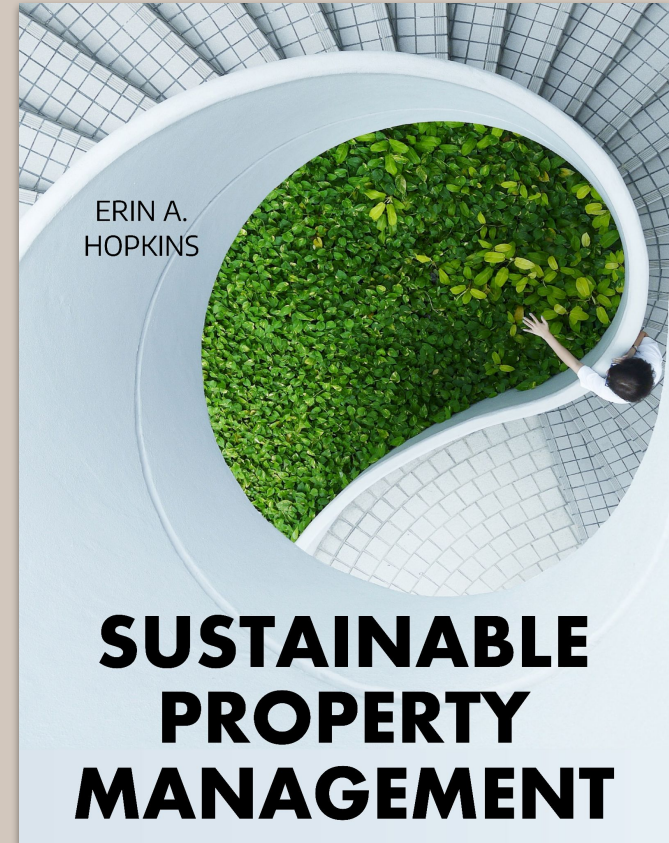
- + **Support we provide:**
 - + Consultation
 - + Review
 - + Production
 - + Impact tracking

OER produced in a variety of disciplines with faculty since 2016



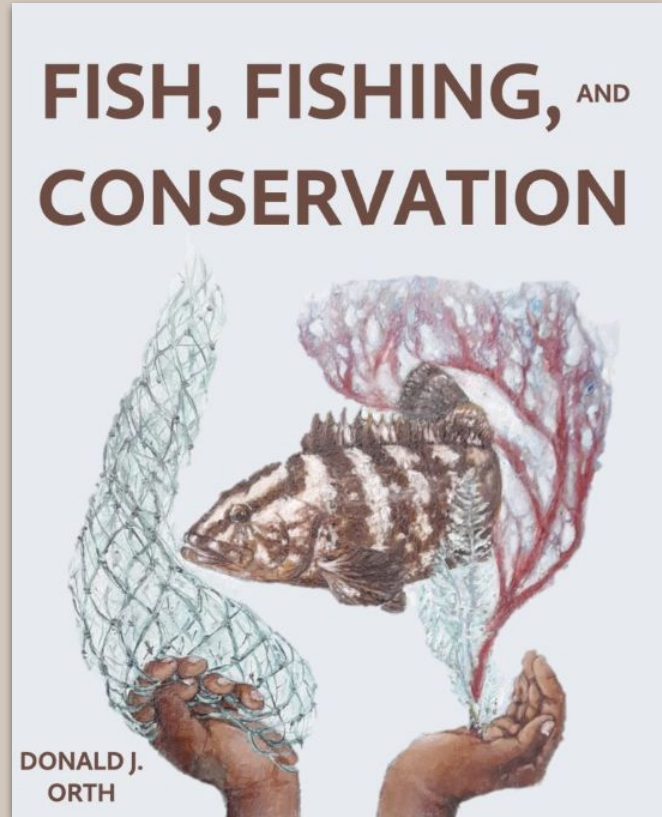
PROJECT OVERVIEW: Erin Hopkins

- + 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.



PROJECT OVERVIEW: Laura Nesar

- + 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/introeearthscience> &
<https://pressbooks.lib.vt.edu/introeearthscience>



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

Anita Walz · arwalz@vt.edu
Kindred Grey · kindred@vt.edu
Erin Hopkins · erin1@vt.edu
Donald Orth · dorth@vt.edu
Laura Nesar · neser@vt.edu

