

5-2015

Currents of Change: Forming Symbiotic Relationships through Management of the Waves of Scholarly Information Output at an Academic Research Library

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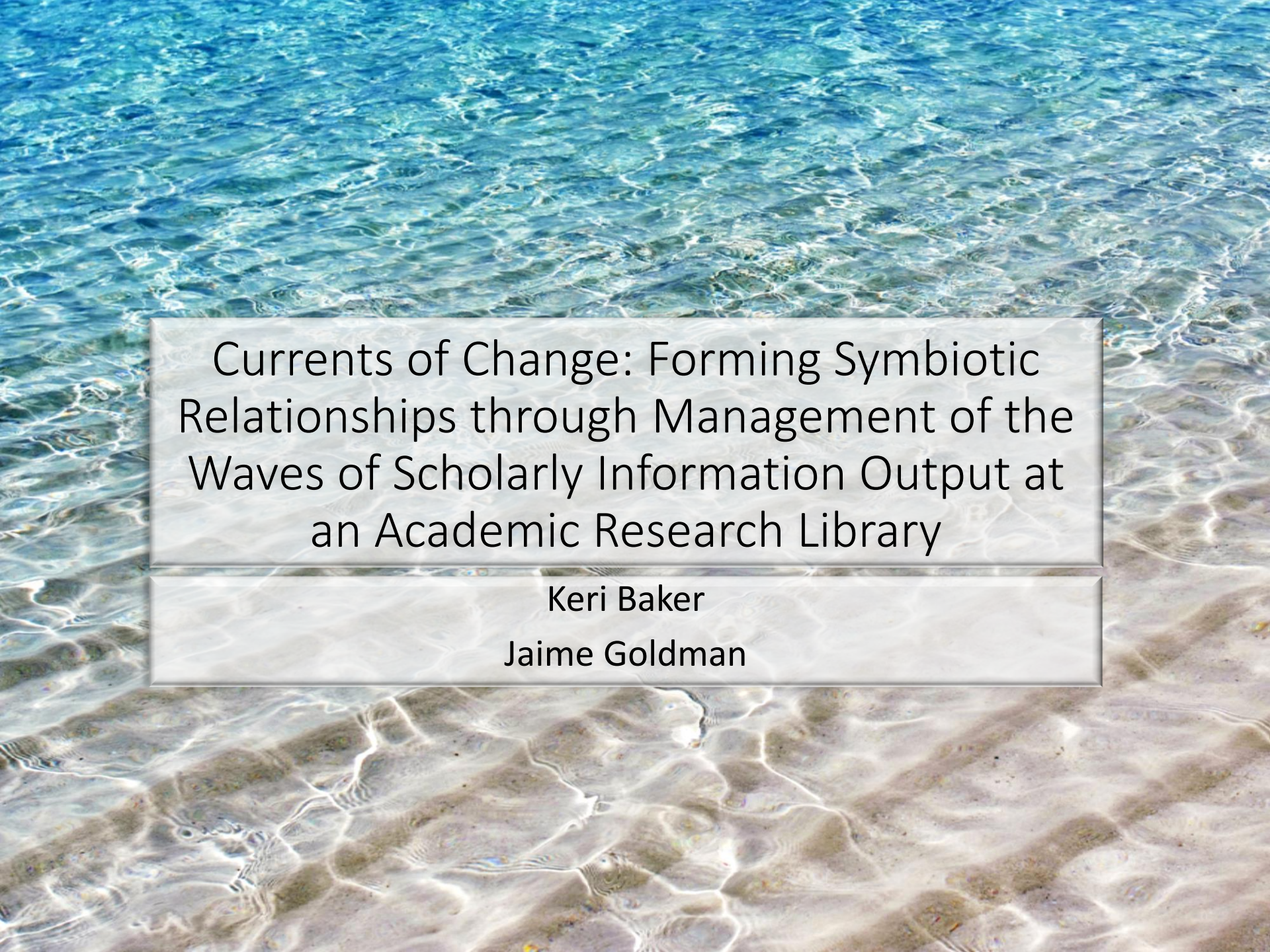
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Baker, Keri and Goldman, Jaime M., "Currents of Change: Forming Symbiotic Relationships through Management of the Waves of Scholarly Information Output at an Academic Research Library" (2015). *Alvin Sherman Library Staff Presentations, Proceedings, Lectures, and Symposia*. 22.

https://nsuworks.nova.edu/asl_staffpres/22

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The background of the slide is a photograph of a beach. The top half shows the ocean with blue and white waves. The bottom half shows the sandy beach with water ripples and some seaweed. The text is overlaid on a semi-transparent white box in the center.

Currents of Change: Forming Symbiotic Relationships through Management of the Waves of Scholarly Information Output at an Academic Research Library

Keri Baker

Jaime Goldman

Happy Anniversary NSU!



NSUWorks



by the numbers



• 2014-2015 •

5,539

Unique Items

92,520

Full Text Downloads

13

Colleges Represented

Pilot Projects

#1

Oceanographic Center

881 items

← & →
12,905 views

#2

Center for Psychological Studies

1,045 items

← & →
1,839 views

#3

The Qualitative Report

1,103 items

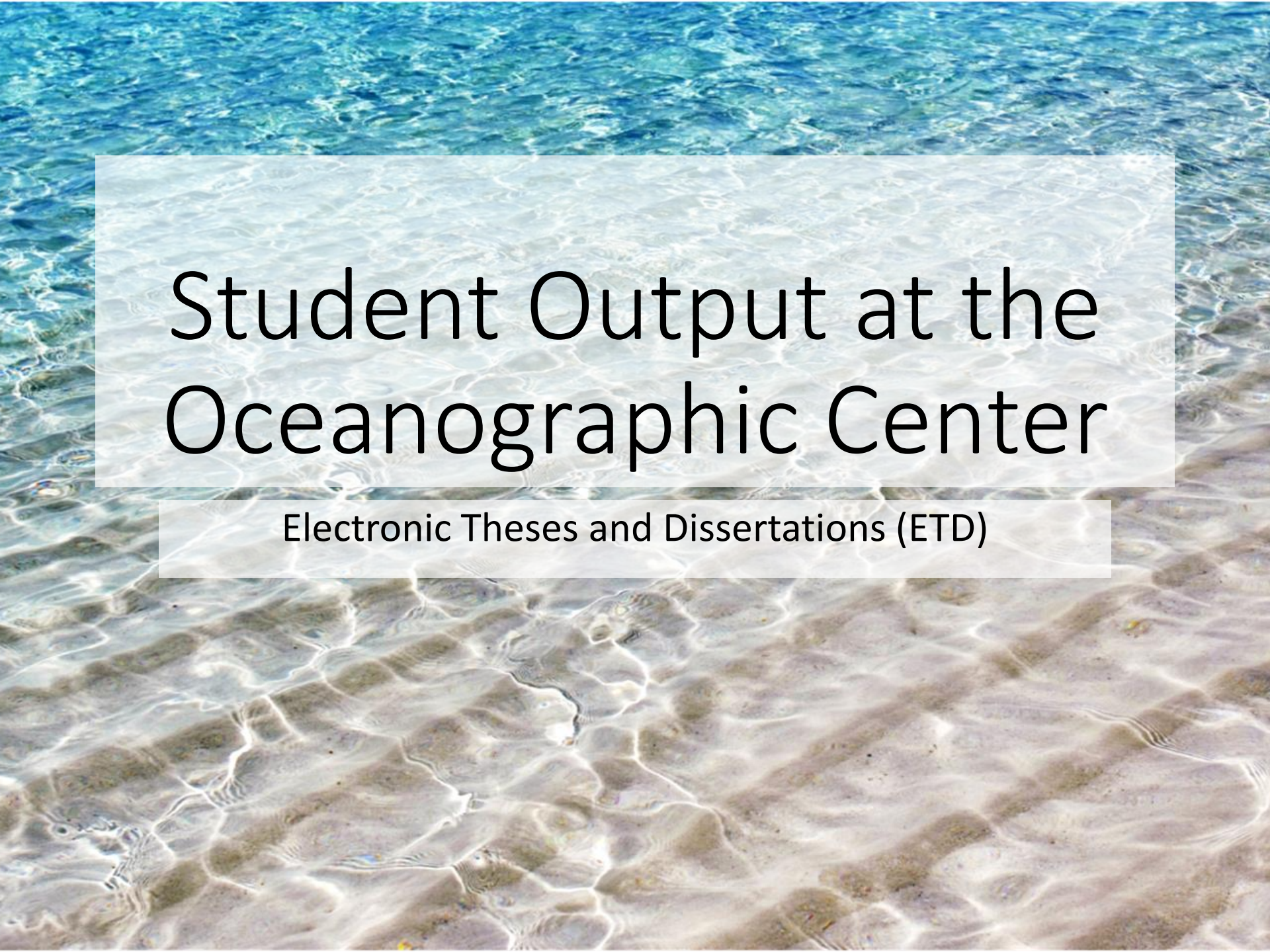
← & →
13,532 views

Worldwide Reach

Top Ten Countries

United States
United Kingdom
Canada
Australia
South Africa
India
Netherlands
Philippines
Germany
Brazil



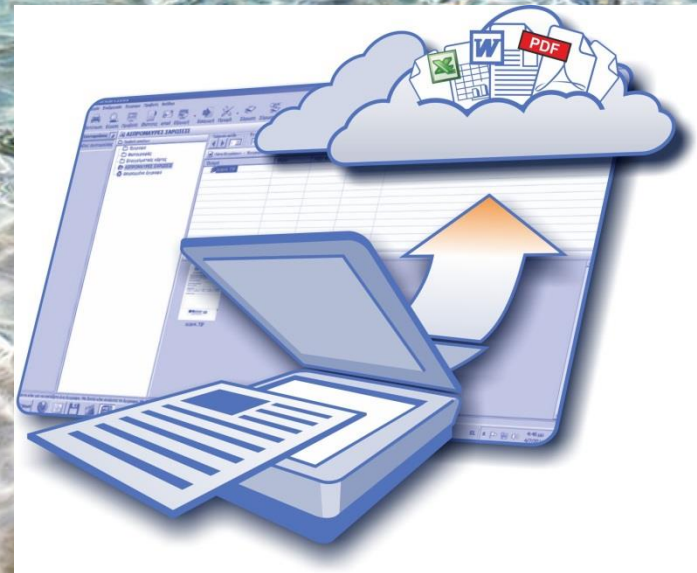


Student Output at the Oceanographic Center

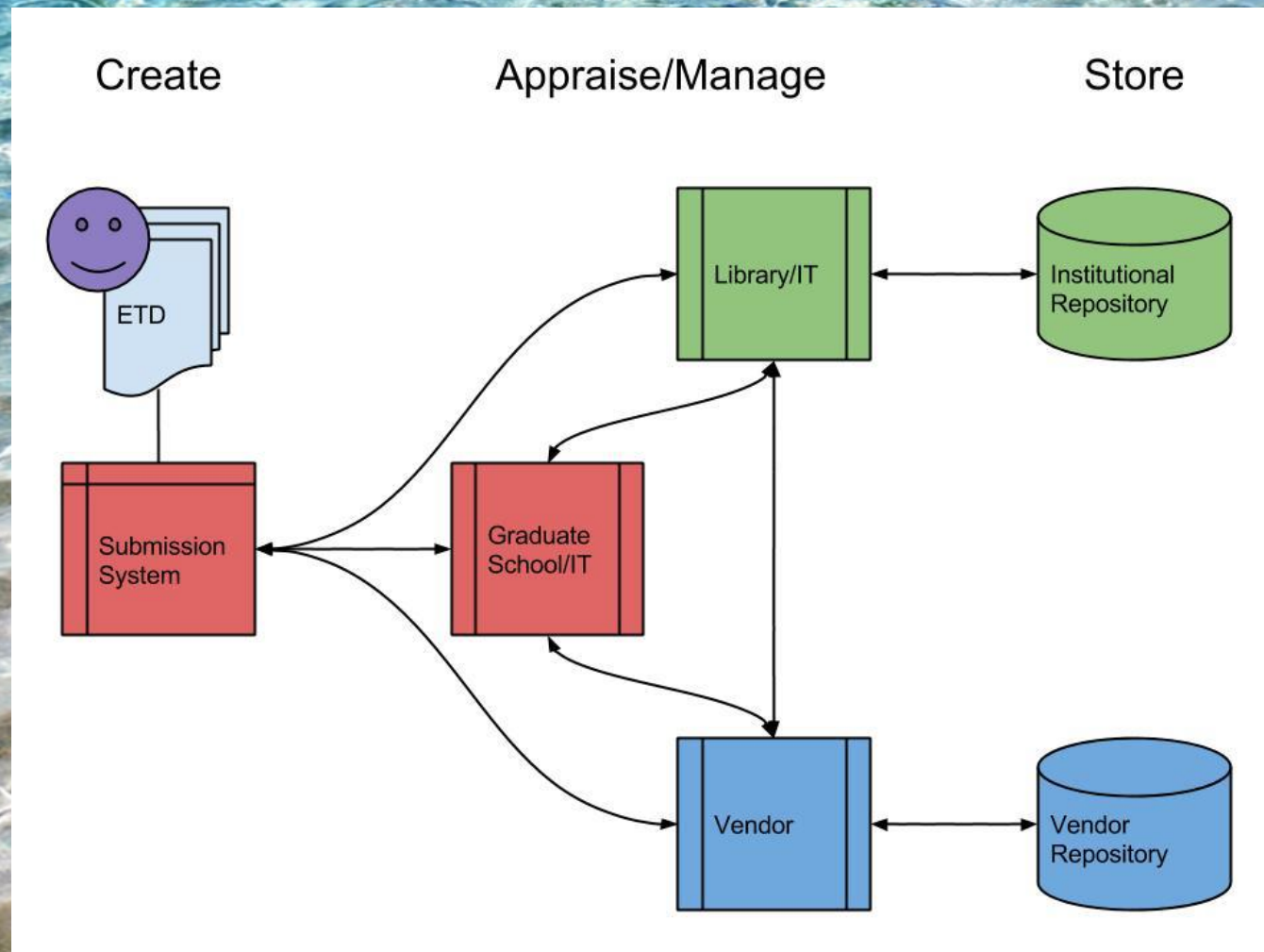
Electronic Theses and Dissertations (ETD)

Students: ETD Management

- Why ETDs?
 - Electronic Thesis and Dissertation (ETD) that can be accessed on the Web in full- or partial-text
 - ETDs usually filed in an institutional repository (IR) or through a commercial repository such as ProQuest/UMI

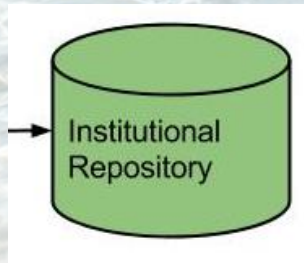


Lifecycle of an ETD



Part I: NSU ETD Portals

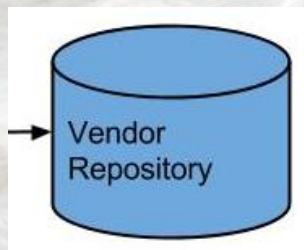
- Pre-NSUWorks IR:
MARPs, Practicums, and Applied Dissertations (NSU)



Index to collection of NSU MARPs (Major Applied Research Projects), practicums, and applied dissertations written by students at NSU. Most are work-based, problem-solving research projects required by NSU's graduate education programs. The database provides citations and if available, full-text documents in PDF.

[More info. Tutorial.](#)  

ProQuest Dissertations & Theses @ NSU (ProQuest)



ProQuest Dissertations & Theses @ Nova Southeastern University database gives access to the dissertations and theses produced by students at NSU. [Click here](#) to learn more about locating dissertations. [Tutorial](#) (Note: Adobe Reader X is needed to view the tutorial, [download the free reader](#)).

 ALL  NSU & BROWARD

Part I: NSU ETD Portals

- Pre-NSUWorks IR:
 - ProQuest ETD's
 - ETD submissions from 4 of the NSU Colleges, with 570 ETD's
 - Graduate School of Computer & Information Sciences (272)
 - Huizenga Business School (149)
 - Center for Psychological Studies (92)
 - Health Professions Division (57)



Part I: NSU ETD Portals

- Post-NSUWorks IR:
 - NSUWorks: February 2015
 - One year report after implementation of NSUWorks
 - First time OC ETDs were showcased online
 - Few PhD dissertations were in ProQuest, but no theses were housed anywhere online until implementation of IR



Part I: NSU ETD Portals

- Post-NSUWorks IR:

- ProQuest ETD Portals:

- January 2015: ALL NSU colleges that produce theses and dissertations now have a ProQuest ETD Portal and a designated admin to run it
 - NSU-Abraham S Fischler School of Education
 - ✓ NSU-Center for Psychological Studies
 - NSU-Division of Social and Behavioral Sciences
 - ✓ NSU-Graduate School of Computer and Information Sciences
 - ✓ NSU-Health Professions Division
 - ✓ NSU-H. Wayne Huizenga School of Business and Entrepreneurship
 - NSU-Institute for Human Services
 - NSU-Oceanographic Center
 - NSU-School of Humanities and Social Sciences

<http://www.etdadmin.com/cgi-bin/main/schoolslist>

NSU ProQuest ETD Administrator Guide: Home

To assist NSU Admins for the ProQuest ETD to set up and use their online portals.

Home

NSU ETD User Group

Setting up an ETD Portal

Student Submissions

Resources

Contacts

ProQuest->FTP->NSUWorks

Thesis/Dissertation Databases

Welcome to NSU's ProQuest ETD Administrator Guide



- [ProQuest ETD Administrator Login Page](#)

UMI ETD Administrator makes it easy for students and institutions to publish dissertations and theses. Using our simple web-based system, students can submit dissertations and theses online, and graduate administrators can manage the process. With ETD Administrator online, we've eliminated the need to box and ship paper copies of each dissertation or thesis.

- [About ProQuest ETD Administrator](#)

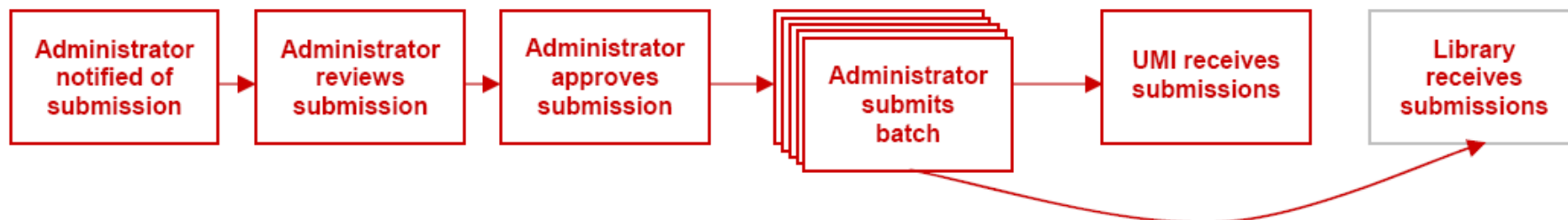
About ProQuest ETD

OVERVIEW:

- ProQuest/UMI ETD Administrator is a **no-fee** web-based submission and management system which facilitates online publishing of dissertations and theses. It simplifies the submission process for students and graduate administrators alike by moving all steps online and eliminating the need to box and ship paper copies of each dissertation or thesis to ProQuest.
- ProQuest will develop a unique custom built ETD Administrator site for each School/College/Center.
- Thesis and Dissertations submitted to ProQuest are available through portals:
 - ProQuest Dissertations & Theses Database (PQDT) (ASL subscription database).
 - Citation/Abstracts may appear in some indexes (e.g. SciFinder, MathSciNet, PsycINFO, ERIC, ABI/INFORM, ChemAbstracts etc.).
- PQDT publishes more than 80,000 graduate works annually. 85% of dissertations and theses submitted through online ETD Administrator.
- Includes works by authors from more than 1,700 graduate schools. School list here: <http://www.etdadmin.com/cgi-bin/main/schoolslist>


Part I: NSU ETD Portals

- The ETD Administrator Role at NSU
 - Every NSU College/School/Center can have an ETD Administrator site with one primary administrator.
 - The administrator is alerted when new submissions are completed, and must review each submission before they are sent (individually or batches) to ProQuest.
 - The administrator can also simultaneously submit a prepublication version of each submission to an institutional repository such as *NSU Works* (via FTP).



Part I: NSU ETD Portals



 [Log in](#) ▼

Administrator
Student

[Home](#) [Support & Training](#) [Resources & Guidelines](#) [Submitting Your Dissertation/Thesis](#) [About ETD Administrator](#)

Publish dissertations and theses with UMI ETD Administrator

UMI ETD Administrator makes it easy for students and institutions to publish dissertations and theses. Using our simple web-based system, students can submit dissertations and theses online, and graduate administrators can manage the process. With ETD Administrator online, we've eliminated the need to box and ship paper copies of each dissertation or thesis.

About ProQuest/UMI Dissertation Publishing

[ProQuest/UMI Dissertation Publishing](#) is the world's only comprehensive service for publishing, archiving, and disseminating graduate research. By publishing with ProQuest/UMI, you ensure your dissertation or thesis gains the widest possible audience.

Students

- ▶ [Submit my dissertation/thesis](#)
- ▶ [View/revise existing submission](#)

Administrators

- ▶ [Learn more about ETD Administrator](#)

Part II: ETD Submission & Management System

- The OC Library bind portfolios, capstones, theses, and dissertations
 - All submissions currently submitted in person with paper form, checks for payment, CD for PDF copy
 - We organize, mail, and process all binding
 - Tedious, time & space consuming process



Part II: ETD Submission & Management System

- Solution: implement an ETD submission and management system that will work for binding, ProQuest ETD Portals, & NSUWorks IR

Management Tools

We consulted with partner sites and researched the best tools for:

ETD Submission and IR Tools

- Vireo
- DSpace
- Archivematica
- EPrints
- OpenETD
- ETD-db

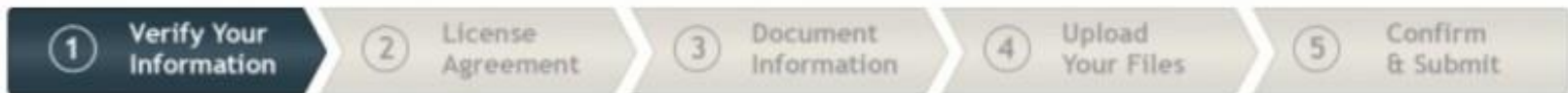
Introspective Micro-services

- JHOVE2
- DROID
- ClamAV
- PREMIS Event Tracker

Part II: ETD Submission & Management System

- Vireo – ETD Submission & Management System:
 - The Texas Digital Library hosts the Vireo ETD Submission and Management System
 - addresses all steps of the ETD process, from submission to approval by the graduate office to publication in one or more institutional repositories
 - Vireo is also freely available for download under an [open-source license](#)

<https://www.tdl.org/etds/>



Part II: ETD Submission & Management System

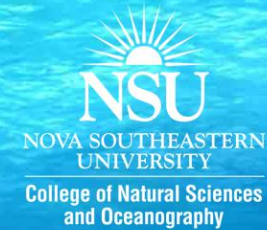
- Vireo is great, but it is very difficult to implement
 - We have an entire library systems department and they deemed it too time intensive to tackle
 - So what do we do now??
- Create your own system!
 - http://demo.nsu.bepress.com/occ_stuetd/

NSUWORKS



Summary: ETD Portals & Submission

- Benefits
- Challenges
- Lessons Learned



**KEEP
CALM
AND
DEFEND
YOUR THESIS**



Faculty & Staff Output at the Oceanographic Center

Special Projects

Internet

No Internet

[Home](#) > [NSU Oceanographic Center](#)



OCEANOGRAPHIC CENTER

Professor and Dean: Richard E. Dodge

A world leader in marine biological research with focus on coral reef science and shark conservation, The [Nova Southeastern University \(NSU\) Oceanographic Center](#) has been at the forefront of graduate and undergraduate marine science education and oceanographic research for over 49 years. [Students](#), scientists, [faculty](#) and staff come to the Center from all corners of the globe, with the common goal of learning from the ocean's living classrooms - in one of the most diverse ecosystems known to man.

The [Oceanographic Center](#) serves as a national, regional, and community resource for information. There are several institutes, the [National Coral Reef Institute](#) for research and training on coral reef assessment, monitoring, and restoration; the [Guy Harvey Research Institute](#) for fish research and conservation, and the [Save Our Seas Shark Center](#) specializing in shark studies. The Center also implements the [Broward County Sea Turtle Renesting Program](#). The Center's facilities include a [research library](#) for the many disciplines of marine science, conference room, classrooms, staging area, electron microscopy laboratory, darkroom, machine shop, physical oceanography laboratory, computer center, wetlab/classroom coral workshop, filtered seawater facility and research laboratories.

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Reader from:  Hallandale, Florida, United States

A New List of Cuban Crinoids (Echinodermata: C
Ruber Rodriguez-Barreras, Charles Messing

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OCEANOGRAPHIC CENTER PHOTOGRAPHS

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PUBLICATIONS

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[Oceanography Faculty Proceedings, Presentations, Speeches, Lectures](#)

[Oceanography Faculty Reports](#)

[Oceanography Faculty Theses and Dissertations](#)

Steve McQueen visits the Oceanographic Center





The DEEPEND Project

NSUWorks' Role in Managing the Big
Data Requirements of an
Oceanographic Center Grant Funded
Project

Background

- Funded by GoMRI (Gulf of Mexico Research Initiative) as part of the Deepwater Horizon Oil Spill Event Impact Study
- DEEPEND (Deep-Pelagic Nekton Dynamics of the Gulf of Mexico) is directed by Dr. Tracey Sutton
- The research will be primarily focused on the pelagic (open ocean) realm, from surface to depths of over one mile and the goal is to study short- and long-term consequences of both natural and man-made disturbances in the Gulf of Mexico Ecosystem
- Other NSU Faculty involved along with scientists from FIU, Texas A&M, USF, FAU, US Naval Research Laboratory, and the San Antonio Zoo

Research Objectives

- DEEPEND has 4 objectives:
 1. Define community structure, abundance, and distribution of deep water column fauna
 2. Document biophysical drivers of ecosystem structure
 3. Determine genetic diversity among representative pelagic taxa
 4. Predict potential consequences of the DWHOS on the GoM pelagic fauna and microbial flora.

The Need for NSUWorks

- Data is actively being collected in a series of cruises over the next 3 years.
 - Deep Sea Fauna
 - Community and Organismal Ecology
 - Mesoscale Physical Oceanography
 - Fine-Scale Oceanography
 - Pelagic Contamination, Recruitment, and Genetic Structure as a Result of Disturbance

The Need for NSUWorks

- Funding Requirements for Data:
 - Data must be published in the GRIIDC database either one year after collection or just after publishing, whichever comes first
 - GRIIDC is Open Access
 - Data must be backed up by host institution apart from GRIIDC

Joining Forces

- Initial Meeting
 - Describe NSUWorks and its capability
- Secondary Meeting
 - Design initial structures and overall look
- DEEPEND Consortium Meeting
 - Introduce NSUWorks to the full team
- Training
 - Future meetings or online trainings will be held

Concerns

Layout Options and
Customization

Concerns

Space / Size Constraints

Concerns

Security / Privacy

Concerns

Open Access



Concerns

Support

The Future

- Continue expanding Datasets within NSUWorks from all colleges at NSU
- Continue working with bepress to enhance our capabilities within the repository to provide the most up-to-date technology for storing scholarly output.

The background of the slide is a photograph of shallow, clear water. The top half shows deep blue water with fine, white ripples. The bottom half shows the sandy bottom of the water, with light reflecting off the sand and creating a pattern of light and dark patches. A semi-transparent white rectangle is centered over the image, containing the title text.

Special Projects: Big Datasets

Why Publish Datasets?

- Requirement set forth by funding agency
- Support Conclusions in published articles
- Standalone product
- Keep Research from continuously reinventing the wheel



OCEANOGRAPHY FACULTY DATASETS

Follow

Submissions from 2015

[ADCP Mooring System on the Southeast Florida Shelf: AWAC Data](#), Alexandre Soloviev, Cayla Whitney Dean, Robert H. Weisberg, Mark E. Luther, and Jon Wood

[ADCP Mooring System on the Southeast Florida Shelf: Calypso Data](#), Alexandre Soloviev, Cayla Whitney Dean, Robert H. Weisberg, Mark E. Luther, and Jon Wood

[ADCP Mooring System on the Southeast Florida Shelf: W-Buoy Data](#), Alexandre Soloviev, Cayla Whitney Dean, Robert H. Weisberg, Mark E. Luther, and Jon Wood

Submissions from 1971

 [Link](#) [Current Profile Data from the GULF STREAM From the NW Atlantic \(Limit-40W\) and Other Locations from 01 April 1965 to 01 November 1970 \(NODC Accession 7101003\)](#), William S. Richardson

ADCP Mooring System on the Southeast Florida Shelf

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[Alexandre Soloviev](#), *Nova Southeastern University Oceanographic Center*

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[Robert H. Weisberg](#), *University of South Florida*

[Mark E. Luther](#), *University of South Florida*

[Jon Wood](#), *Ocean Data Technologies, Inc.*

 Included in
[Oceanography Commons](#)

[SHARE](#)

Document Type

Article

Publication Date

5-4-2015

Report Number

Data Report

Comments

The datasets listed in this report can be found at:

AWAC Datasets: http://nsuworks.nova.edu/occ_facdatasets/2/

Calypso Datasets: http://nsuworks.nova.edu/occ_facdatasets/3/

W-Buoy Datasets: http://nsuworks.nova.edu/occ_facdatasets/4/

Recommended Citation

Alexandre Soloviev, Cayla Whitney Dean, Robert H. Weisberg, Mark E. Luther, and Jon Wood.

2015. ADCP Mooring System on the Southeast Florida Shelf : 1 -12.

http://nsuworks.nova.edu/occ_facreports/52.

ResearchID/ORCID ID

0000-0002-2743-3602

The background of the slide is a photograph of shallow ocean water. The top portion shows deeper, darker blue water with gentle ripples. The bottom portion shows very shallow water over a sandy beach, with intricate, wavy patterns of light and shadow on the sand. A semi-transparent white rectangular box is centered over the image, containing the title text.

Special Projects: Shutter Shark

What Is Shutter Shark?

Shutter Shark

NSU OC Student Underwater Photography Contest

[This Year's Winners](#)

[Home](#)

[Rules](#)

[Submissions](#)

[Past Winners](#)

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Welcome to the Oceanographic Center's Shutter Shark Photo Contest

The Shutter Shark Student Underwater Photography Contest was created and organized by graduate students at the Nova Southeastern University Oceanographic Center (NSU-OC) in 2008.

It is a way for students to become more involved in the student community and serves as an artistic outlet incorporating their marine research and appreciation of the underwater world.

The contest is limited to current students and is designed as an avenue for amateur photographers to develop their skills and compete amongst their peers. The contest is judged by a panel of respected local underwater photographers and NSU-OC faculty.

Previous years have been a great success with several students who won or placed in past Shutter Shark contests having gone on to place in larger international photography competitions!

Nova Southeastern University Oceanographic Center
NSU Oceanographic Center 8000 North Ocean Drive Dania Beach, FL 33004

Shutter Shark in NSUWorks

SHUTTER SHARK



Black and White Photography: 1st Place

Kristian Taylor

Competition: Shutter Shark 2009

[Visit site](#)



Benefits of Having Shutter Shark in NSUWorks

- Increased Metadata

Photographer

Search For An Author Using: Last Name, First Name, Email, or Institution

1							
Email	First	Middle	Last	Suffix	Institution		
<div>Search...<div></div></div>						<div>Corporate<input type="checkbox"/></div>	<div>+<div></div></div>

Date Taken

Only the year is required, all other fields are optional.

Season	Month	Day	Year
-- <div></div>	-- <div></div>	-- <div></div>	

Category

Choose the photography category for this image.

Wide Angle

Keywords

Please separate keywords/keyword phrases with commas.

Enter keywords:

Description

For "Conservation" photos this is required, for all others this is optional.
Share any information about where/when/how you took this photo; information entered will be shared with the judges as well as viewers if accepted.

B / | ||| | ↺ ↻ ⌂ × ✕ 🔗

Benefits of Having Shutter Shark in NSUWorks

- Increased Metadata
- Image Management

The screenshot displays the 'Manage Images' interface in NSUWorks. The top navigation bar includes links for 'Manage Images', 'Add Content', 'Usage Reports', 'Configuration', and 'My Account'. A left sidebar lists various actions: 'Images', 'Batch upload XML', 'Batch upload Excel', 'Batch revise Excel', 'Collect Images', 'Manage Collection', 'Close ir_gallery', 'Preview site', 'Update site', 'Go to site', 'Log out', and 'Administrator report'.

The main content area features a 'Show Images' section with search filters. The 'STATE' is set to 'All', and the 'Abstract' field is selected. A 'Search' button is located at the bottom right of the filter section.

Below the search section is a table titled 'Manage Images' with the following columns: ID, Preview, Creator, Title, Last Event, Type, and Submitted. The table lists five image submissions:

ID	Preview	Creator	Title	Last Event	Type	Submitted
1021		Adam T. St. Gelais	Vertebrate Photography: Honora...	Revision uploaded	Image	2014-09-24
1020		Linda Searle	Vertebrate Photography: 3rd PL...	Revision uploaded	Image	2014-09-24
1019		Theresa Elizabeth Robitaille	Vertebrate Photography: 2nd PL...	Revision uploaded	Image	2014-09-24
1018		Greg Foster	Vertebrate Photography: 1st PL...	Revision uploaded	Image	2014-09-24
1017		Chuck Walton	Topside Photography: Honorable...	Revision uploaded	Image	2014-09-24

Benefits of Having Shutter Shark in NSUWorks

- Increased Metadata
- Image Management
- Better Judging Opportunity

Title: Test title
Creators: Keri Enterline
Last Event: Review completed (Wed Oct 29 2014)
Waiting for Administrator: Yes ☐ **Locked by Administrator:** No ☐
Manuscript: #1003

Suggest Reviewers: [See reviews](#)

- enter new reviewer
- from Master List of Reviewers [\[Modify List\]](#)
- from Author List

reviewers allowed: 2

Reviewer	Status (key)	History	Options
#1 Michèle Gibney	reviewed review history	history	upload report for reviewer request rereview

Submitted Reviews
All reviews will be shown to the creator(s) after a decision has been made unless the "Hide" box next to the review is checked.

	Reviewer	Recommendation	Options	Hide	Save Changes
Oct 29 2014 2:22 PM PDT	#1 Michèle Gibney	Accept with minor revisions	view	<input type="checkbox"/>	<input type="button" value="Save Changes"/>

REVIEWER STATUS KEY

suggested	Potential reviewer has been suggested. No request has been sent to the potential reviewer.
requested	An email request has been sent asking the potential reviewer to review the image. The reviewer has not yet responded.
committed	The reviewer has made a commitment to do a review.
reviewed	The review has been uploaded by the reviewer
request rescinded	The reviewer did not respond to the request to review before other reviewers volunteered and used up all the reviewer slots.
review no longer expected	The reviewer did not manage to complete a review in time and the administrator eventually gave up on getting a review from the reviewer.
declined	The reviewer has declined to do a review.
abrogated	The reviewer has reneged on their commitment to review.

in Press



Visions for the Future

A Set of Goals and A Very Wishful Wishlist

Visions for the Future

- University Realignment
- Year 1 Goals
- Year 2 Projection
- 5 Year WishList
- 10 Year WishList

