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From Planning to Publishing

An Open Approach to Data Stewardship

Open Repositories, June 13-16, 2016
Donald Moses, Dawn Hooper, and Rosie La Faive
Robertson Library

Small but mighty

- About 4,000 FTE
- \$17 M in research expenditures
- 10 research chairs
- 220% growth
in number of
graduate students
in the past decade.



Current RDM model ≠ sustainable

Home Contact Us About Us



Kerr Research Group - Marine Natural Product Lab



The Marine Natural Products Group at UPEI is engaged in a range of projects broadly directed at the discovery of new natural products from our marine microbial library. Projects range from: evaluation of microbial diversity of unique marine habitats to the development of fermentation and molecular methods to access cryptic natural product biosynthetic pathways. The lab enjoys productive collaborations with both local and foreign industry partners as well as a number of academic and government research groups.



Login

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of Prince Edward
ISLAND
Animal Movement and Resource Selection - AMaRS

Watching you run day after day!

About Communication Tools Donate Library Tools Projects Red Fox Map Report a Red Fox Sighting Report a Coyote Sighting

Urban red foxes on Prince Edward Island: REPORT YOUR SIGHTINGS

We need your help in conducting a study of the ecology and behaviour of urban foxes on Prince Edward Island. We need data about the distribution, abundance, movement, and habitat of island foxes. The best source of this data is you.

This UPEI-PEI Fish & Wildlife Division research PROJECT DEPENDS ON PUBLIC PARTICIPATION. If you see a red fox in an urban or rural area, participate in this project by reporting your sighting on this website. Please feel free to elaborate with the details of your sighting. The more you can tell us, the more valuable your contribution.

To view reported urban red fox sightings to date, please visit our map.



Create a Report

Please record all available details of your red fox sighting using the map and form below.

Date and Time of Sighting: *

Format: 14/05/2016 Format: 07:26

Please enter the date and time when you saw the animal(s)

How many animals did you see?: *

1

Home » 2.1 (x)

AIRS: Advancing Interdisciplinary Research in Singing

A Major Collaborative Research Initiative of the Social Sciences and Humanities Research Council of Canada



Search results

(1 - 50 of 62)

Title	Author(s)	Created Date	Theme
Learning together, singing alone: musical properties of Maracutu loas in children's voices - Slides	Beatriz Ilar, Caroline Pacheco, Daniella Gramani	2016 April	Subtheme 2.1 - Learning to sing naturally
0615 Intro Childhood songs Views and values	Annabel J. Cohen	2015 July	Subtheme 3.1 - Intercultural understanding, Subtheme 2.1 - Learning to sing naturally, Theme 1 - Development of singing
0613 Natural singing practices surrounding babies	Annabel J. Cohen		

User login

Username *

Password *

Request new password

Log in

Digital Library Index | Back

Basic Search

Sort

• Title
• Created Date ▾
• Ingested Date

Advanced Search

1 item(s)

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Log in

Atlantic Climate Adaptation Solutions Association

Climate Change ▾ Adaptation Approaches ▾ Projects ▾ Publications ▾



Storm surge at Cymbria, Prince Edward Island

Communities need to prepare themselves for extreme weather events.

About ACASA

The Atlantic Climate Adaptation Solutions (ACASA) Project is a partnership among the provincial governments of Newfoundland and Labrador, Nova Scotia, Prince Edward Island, and New Brunswick, and regional stakeholders including nonprofits, tribal governments, and industry. ACASA applied for and received a grant from Natural Resources Canada (NRCan) as part of the Regional Adaptation

Climate Change in Atlantic Canada



How to move forward?

- eScience Institute
- Improve our understanding of researchers' needs and their use cases
- Identified requirements and associated services
 - Local Storage
 - DMP
 - Publishing and preserving datasets
 - Coordinated/collaborative



Community Developments

- Data Management Planning Tools
 - DMPOnline, DMPTool, Portage's DMP Assistant
- SFUdora - Simon Fraser
- DDI Lifecycle 3.2 metadata schema
- UPEI OA Policy
- Tri-Agency OA Policy
- Tri-Agency Statement of Principles on Digital Data Management



Our Approach



PLANNING WORKSPACES PUBLISHING ARCHIVING OTHER MY ACCOUNT FAQ LOGIN



Managing Research Data at UPEI

In May 2015 the [Tri-Council's new open access policy](#) came into effect. In response to this, as well as the goal of facilitating good data stewardship practices, the Robertson Library, Research Services and ITSS have developed and are beta testing a suite of new supports and services for the UPEI research community. The suite of services recognizes that the research data life cycle does not start and end with the final outputs, but rather starts when a scholar thinks about new research. The services available under this new program are designed to work with scholars throughout the research data life cycle. See the [Terms and Conditions](#) for this service.

<https://data.upei.ca/>

Search Data:



Login Information

Faculty and staff can use their UPEI login information to access and use the services on [data.upei.ca](#). If you are a graduate student, please [see these instructions before logging in](#). We're working on an [FAQ](#) for [login](#) and other questions.

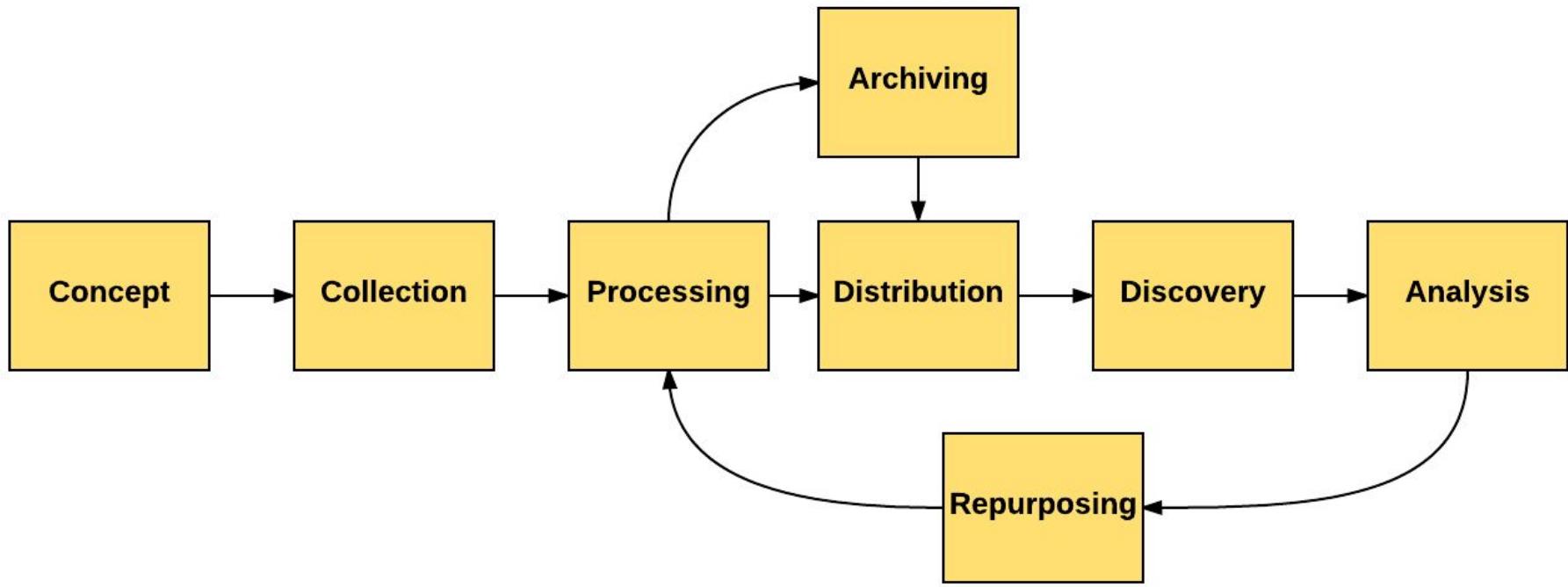
Username *	Password *
<input type="text"/>	<input type="password"/>
<input type="button" value="LOG IN"/>	



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Research Data Lifecycle



Source: Why Use DDI?

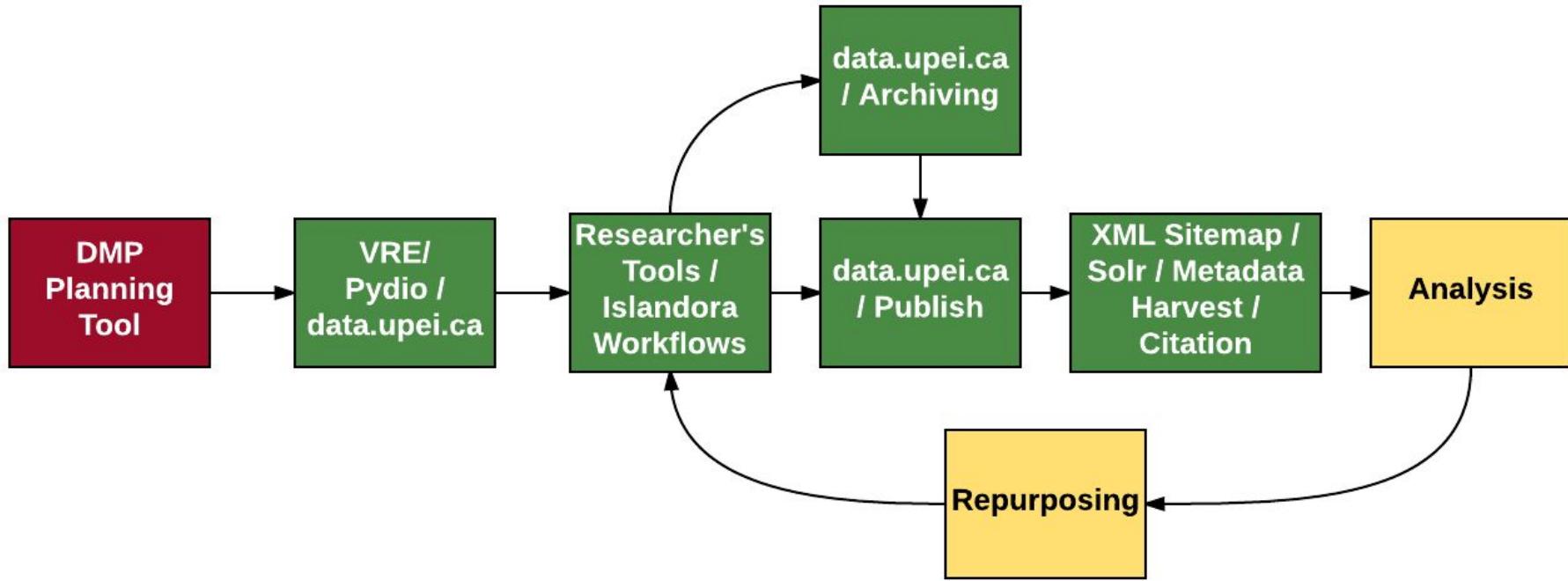
<http://www.ddialliance.org/training/why-use-ddi>



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Research Data Lifecycle



User Dashboard

Drupal Views

My Account

Search Data:

Welcome

You may want to review the [Terms and Conditions](#) and [Terms of Deposit](#) for data.upei.ca

This page provides you with a dashboard to common services and a summary of the content you've created or deposited in data.upei.ca.

[GO TO MY WORKSPACE](#)

My Data Management Plans

Project	% Done	Updated	Creator	Edit
SIDR Test	8	04/18/2016 - 15:56	dmoses	edit
Test Research Project	21	04/04/2016 - 19:46	dmoses	edit
Post Cache Clearing Test	46	05/09/2016 - 14:19	dmoses	edit

[CREATE A NEW DATA MANAGEMENT PLAN](#)

My Collaborations

Project	% Done	Updated	Creator	Edit
Test DMP-dh-jul2	92	08/13/2015 - 15:45	dhooper	edit

My Deposited Datasets

Title	Owner	Date	Modified
Sharing a file in your Workspace	dmoses	2015-10-19	2015-10-19
my test pdf	dmoses	2015-05-12	2015-05-12
PDF Test File	dmoses	2015-05-08	2015-05-08

Islandora Solr Views



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Terms and Conditions



PLANNING WORKSPACES PUBLISHING ARCHIVING OTHER MY ACCOUNT FAQ LOGIN

Terms and Conditions

Search Data:



When you create an account and use the associated services of data.upei.ca you agree to the following terms and conditions:

1. I have read and accept UPEI's [Responsible Conduct of Research, Scholarly and Creative Work Policy](#) and the [Procedures for Stewardship of Research Records and Materials at UPEI](#).
2. I understand the requirements of data management according to my funding grant.
3. I will use data.upei.ca to only store information related to my research.
4. I will work with the Robertson Library to ensure effective stewardship of my research data stored at data.upei.ca.
5. I have read and accept the [Terms of Deposit](#) for data.upei.ca.
6. I am a faculty member, graduate student, or staff member of the University of Prince Edward Island.

Getting Started

[Research at UPEI](#)
[Research Services](#)
[Research Notices](#)
[Research Contacts](#)

Funding & Supports

[Find a Researcher](#)
[Research Forms](#)
[NSERC / CIHR / SSHRC](#)
[Genome Canada / CFI](#)

Managing Research

[Virtual Research Environments](#)
[Data Management Planning](#)
[ITSS / Library](#)

Sharing Research

[Island Scholar](#)
[UPEI Open Access Policy](#)
[CARL Author Resources](#)
[OASIS SourceBook](#)

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<https://data.upei.ca/legal>



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Data Management Planning

Create Data Management Plan

Project Information *

[Section 1: Data Collection](#)

[Section 2: Data Documentation](#)

[Section 3: Storage and Backup](#)

[Section 4: Data Archiving and Preservation](#)

[Section 5: Data Sharing and Reuse](#)

Project Information

Introduction

This Data Management Planning Form will guide you through a number of sections relating to the data you'll be collecting as part of your research project. You can start filling in the information, save it and come back to it by selecting Planning > Data Management Planning > [Your Plans](#) from the menu.

The form is divided up into sections, available on the left and include:



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DMP Form

Create Data Management Plan +

Project Information *

Section 1: Data Collection

Section 2: Data Documentation

Section 3: Storage and Backup

Section 4: Data Archiving and Preservation

Section 5: Data Sharing and Reuse

Section 2: Data Documentation

Section 2: Data Documentation

In this section are questions related to the metadata standards you may use to record your data, how you'll document your data so others can understand it, and how you'll ensure the quality of your documentation.

2.1 Do you follow a particular metadata standard when collecting, analyzing, or publishing your dataset?

The Digital Curation Centre provides an overview of [metadata standards organized by discipline](#). Contact the [Robertson Library](#) should you need assistance with this aspect of your plan.

2.2 What documentation will you provide to allow others to understand and make use of your data?

feedback



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DMP - Question Management

Data Management Plan ⊕

EDIT MANAGE FIELDS MANAGE DEPENDENCIES MANAGE DISPLAY COMMENT FIELDS COMMENT DEPENDENCIES COMMENT DISPLAY

 There are security updates available for one or more of your modules or themes. To ensure the security of your server, you should update immediately! See the [available updates](#) page for more information and to install your missing updates.

Label	Machine name	Field type	Widget	Operations	
Internal Research Grant	group_dmp	Vertical tabs group	tabs	 edit	 delete
Project Information	group_dmp_project	Vertical tab	tab closed required_fields yes	 edit	 delete
Project Intro	field_dmp_project_intro	Markup	Markup	edit	delete
Project Name	title	Node module element			
Primary Investigator	field_project_pi	Text	Text field	edit	delete
Email	field_project_email	Text	Text field	edit	delete
Project Manager/Director	field_project_manager_director	Text	Text field	edit	delete
Project Description	body	Long text and summary	Text area with a summary	edit	delete
Grant	field_project_grant	Text	Select (or other) list	edit	delete



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DMP Plans

Plans can be:

- Edited
- Shared
- Reverted to previous version
- Printed

Content Complete: current node

92% complete

Filling out [1.2 What file formats will your data be collected in?](#) will bring Data Management Plan to 96%.

Test DMP-dh-jul2

View

Edit

[Revisions](#)

[Share Plan](#)

Search Data:



Posted on: 3 July 2015 By: dhooper

Project Information

Project Description:

Test

[PRINTER-FRIENDLY VERSION](#)

Primary Investigator: Dawn Hooper

Email: dhooper@upei.ca

Project Manager/Director: Dawn Hooper

Grant: test grant

Grant Number: #####

Section 1: Data Collection

1.1 Select the types of data you plan to collect, create, acquire, and/or record.

Select all that apply.:

images

audio

text

1.3 What methods or equipment will you be using to collect your data?:

audio-visual

instruments

test

1.4 If working with human subjects, does your research data include any of the following types of information?:

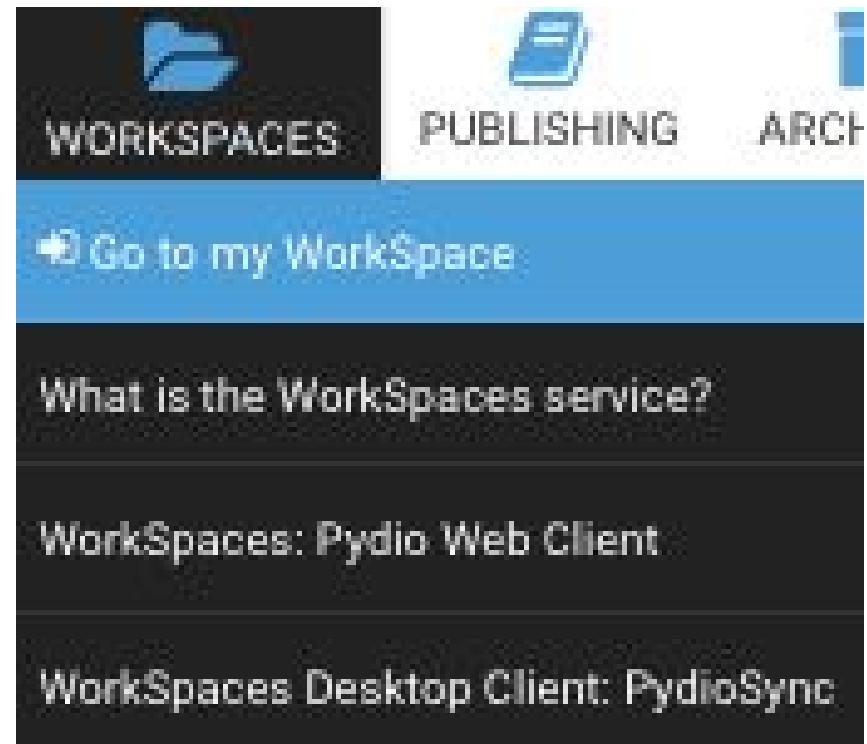
Not Applicable



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WorkSpaces aka Pydio

- UPEI managed and backed up data workspace
- Synchronize data on desktop
- Create additional workspaces for research group or projects
- Share files with colleagues off-campus



WorkSpaces

The screenshot shows the UPEI Research Data WorkSpaces interface. The top navigation bar includes the logo, the text "UPEI Research Data by pydio", and a user dropdown for "dhooper". The main menu on the left is titled "My Files" and includes sections for "Alerts" (1), "My Teams", "Bookmarks", "My Shares", "Folders", and "My Files". The "My Files" section is currently active, showing sub-folders "Data Documents" and "TestDH", and a "Recycle Bin". The main content area displays a list of files and folders: "Data Documents" (modified on July 29th 2015), "TestDH" (modified on August 12th 2015), "Chem_sign_pydio.pdf" (modified on October 19th 2015), "Chem_sign_pydio.pptx" (modified on October 19th 2015), "Test data dh.docx" (modified on August 16th 2015), and "test data spreadsheet.xlsx" (modified on August 16th 2015). To the right, there are sections for "SHARED WITH" (Internal users: 1, External users: 0), "QUOTA USAGE" (1.91 Mb/10 Gb), and "WORKSPACE ACTIVITY" (listing the creation of "Chem_sign_pydio.pptx" and "Chem_sign_pydio.pdf" by "dhooper" on October 19th 2015).

UPEI Research Data by pydio

dhooper

My Files

Alerts 1

My Teams

Bookmarks

My Shares

show

Folders

My Files

Data Documents

Modified on July, 29th 2015

TestDH

Modified on August, 12th 2015

Chem_sign_pydio.pdf

Modified on October, 19th 2015

Chem_sign_pydio.pptx

Modified on October, 19th 2015

Test data dh.docx

Modified on August, 16th 2015

test data spreadsheet.xlsx

Modified on August, 16th 2015

SHARED WITH

Internal users: 1

External users: 0

QUOTA USAGE

1.91 Mb/10 Gb

WORKSPACE ACTIVITY

Chem_sign_pydio.pptx

Created by dhooper on October, 19th 2015

Chem_sign_pydio.pdf

Created by dhooper on October, 19th 2015



UPEI Research Data by Pydio

My Files

Alerts 1

My Teams

Bookmarks

My Shares

Folders

My Files

Data Documents

TestDH

Chem_sign_pydio.pdf

Chem_sign_pydio.pptx

Test data dh.docx

test data spreadsheet.xlsx

UPEI_Open Access Dissemination of Research Output_1Senat...

Recycle Bin

Search  + Create  Your Publish/Archive Space

Rename Move Delete Export to Publish/Archive More Sort by ... | Display | File Info

Data Documents Modified on July, 29th 2015

TestDH Modified on August, 12th 2015

Chem_sign_pydio.pdf Modified on October, 19th 2015

Chem_sign_pydio.pptx Modified on October, 19th 2015

Test data dh.docx Modified on August, 16th 2015

test data spreadsheet.xlsx Modified on August, 16th 2015

UPEI_Open Access Dissemination of Research Output_1Senat... Modified on March, 13th 2015

Recycle Bin Modified on August, 16th 2015

Test data dh.docx



 Download  Preview

 Export to Publish/Archive 

SIZE 22.45 Kb TYPE Word File

LAST MODIF. Modified on August, 16th 2015

SHARED 

You have shared this file via a public link

PUBLIC LINK <https://data.uepi.ca/pydio/data/public/87b35a.ph>

HTML EMBED CODE



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PydioSync

desktop app for Windows, Mac, Linux

	Downloads	Desktop	Pydio	
	Name	Date Modified	Size	Kind
Favorites				
Dropbox	ACNS	May 30, 2016, 6:25 AM	--	Folder
All My Files	cleanup_and_order_mads.xlsx	Jun 10, 2015, 1:07 PM	7 KB	Oxygen Document
iCloud Drive	FINAL UPEI Co...iew May 2015.pdf	Jan 11, 2016, 8:11 AM	1.6 MB	PDF Document
AirDrop	ijerph-11-01803-s001.pdf	Oct 20, 2015, 6:51 PM	115 KB	PDF Document
Applications	islandarchives_m...tes_may2015.jpg	May 16, 2015, 9:49 AM	85 KB	JPEG image
Desktop	marinedrugs-10-01711-s001.pdf	Oct 19, 2015, 8:04 PM	2.7 MB	PDF Document
Documents	My Teams	Apr 21, 2015, 8:08 AM	--	Folder
Downloads	OD20 Provincial...pency Data (1).csv	Yesterday, 10:02 AM	23 KB	comma-separated values
Creative Clou...	OD30 Physician...ome Statistics.csv	Yesterday, 10:04 AM	707 bytes	comma-separated values
Pydio	PEI_biodiversity...ensys_export.zip	Oct 14, 2015, 8:35 PM	262 KB	ZIP archive
Devices	rdm_demo.mp4	Apr 21, 2015, 8:09 AM	5 MB	MPEG-4 movie
Remote Disc	ResearchDataManagementatUPEI.pdf	Apr 21, 2015, 8:08 AM	1.5 MB	PDF Document
	RLUK-National-...view-CPressler.pdf	Apr 21, 2015, 8:09 AM	6.5 MB	PDF Document
	spreadsheet for...015 draft note.xlsx	Mar 11, 2016, 6:13 PM	19 KB	Spreadsheet



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Data Deposit

- System automatically matches the type of deposit with the appropriate Solution Pack.
- Present a ‘simplified’ version of a [DDI Lifecycle 3.2](#) metadata form
- Automatically create a Datacite DOI based on rules
- Integrated Virus Checking



DDI Lifecycle 3.2 Metadata Form

Title *

The title of the dataset/study.
Note: This is a required field.

Author(s)/Creator(s) *
 
Author or Authors (use the  button add another author).
Please follow the convention "Lastname, Given Names."
Note: This is a required field.

Publisher *
 University of Prince Edward Island
The publisher of the dataset.
Note: This is a required field.

Other Contributor(s)
Use this option to include people or organizations who aren't considered authors, but still contributed to the work. Please follow the same convention.
Select the Add button to include another contributor.

Contributor
 University of Prince Edward Island

Contributor Role
 Data Curator 

ADD

Date *

The date on which the data or other research object was created or published.
Note: This is a required field.

Copyright/License of the Dataset
 
Select a license.
Select a copyright license. Note that this does not directly affect embargo or permissions to view your research, which can be changed later.
While you always retain ownership of any content deposited into data.upei.ca, by selecting a license for your content you hereby grant stewardship of the content to the Robertson Library, UPEI under the site's [Terms of Deposit](#).

Abstract



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Subject(s)

Start typing to view a list of potential subject terms or enter your own.

Keywords(s)

Start typing to view a list of potential keywords or enter your own.

Geographic Coverage

Enter a location that best describes the geographic place or region of the data collected.

Data Type
 Dataset
Type of data included in the file, in plain language (e.g. survey data, aggregate data, GIS data). Start typing to view a list of potential types or enter your own. The default type is Dataset.

Grant Number

Enter the number of the grant that supported the generation of the dataset.

Funding Agency

Start typing to view a list of potential funding agencies that supported the generation of your dataset or enter your own.

Related Citations
Use this option to add citations to articles or other publications that utilize the dataset.
Select the Add button to add another related citation.

Title of the related citation

Citation URL

Enter the URL to the citation.

ADD

Is this dataset restricted?
 
Public
Public - Public users can access description and download/view the dataset - a DOI is created.
Embargoed - Public users can access the description, but need to contact researcher for dataset view/download - a DOI is created.
Archive - Only Researcher/Admin can view/access - no DOI created.

Search Result Display

Search results



(1 - 1 of 1)

	Title Wild Salmon Refugia for Mitigating Resistance to Chemotherapeutants in Sea Lice
	Creator(s) McEwan, Gregor, Groner, Maya, Fast, Mark, Gettinby, George, Revie, Crawford
	Contributor(s) University of Prince Edward Island
	Publication Date 2015-10-08
	Abstract Sea Lice are a problem for farming Atlantic Salmon. They are showing resistance to common chemotherapeutants. We show that wild salmon populations can provide refugia for the sea lice and mitigate the growth of resistance.
	Datacite DOI 10.11571/upei-roblib-data/researchdata:216
	License cc-by
	Type of Dataset Dataset



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Full Record Display

Wild Salmon Refugia for Mitigating Resistance to Chemotherapeutics in Sea Lice

View

Manage

Versions and Events

Search Data:



This is a downloadable object of filetype zip and size 68.14 KB.



Download

</WildSalmonRefugia.zip>

Dataset Description

Sea Lice are a problem for farming Atlantic Salmon. They are showing resistance to common chemotherapeutics. We show that wild salmon populations... [Show more](#)



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Full Record Display

In collections

- [gmcewan Data Collection](#)

Details	
Title	Wild Salmon Refugia for Mitigating Resistance to Chemotherapeutants in Sea Lice
Dataset Creator(s)	McEwan, Gregor Groner, Maya Fast, Mark Gettingby, George Revie, Crawford
Dataset Contributor(s)	University of Prince Edward Island
Publication Date	2015-10-08
Description	Sea Lice are a problem for farming Atlantic Salmon. They are showing resistance to common chemotherapeutants. We show that wild salmon populations... Show more
Keywords	Sea Lice
Subjects	Salmon Farming Agent-Based Modelling
Copyright License	cc-by
Dataset Status	Public
DOI	10.11571/ipei-roplib-data/researchdata:216
Related Publication	Using agent-based modelling to predict the role of wild refugia in the evolution of resistance of sea lice to chemotherapeutants
Publication Link	http://data.researchspaces.ca/islandora/object/ir:14627



Solr Metadata Display Fields

Display fields		
Remove	Solr Field	Operations
<input type="checkbox"/>	ddiStudyUnit_Citation_Title_String_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Citation_Creator_CreatorName_String_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Citation_Contributor_ContributorName_String_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Citation_PublicationDate_SimpleDate_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Abstract_Content_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Coverage_TopicalCoverage_Keyword_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Coverage_TopicalCoverage_Subject_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Citation_Copyright_String_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Archive_ArchiveSpecific_DefaultAccess_AccessConditions_Content_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Citation_InternationalIdentifier_IdentifierContent_ms	edit
<input type="checkbox"/>	ddiStudyUnit_Archive_OtherMaterial_Citation_Title_String_ms	edit



Data Lifecycle - Object Status

Wild Salmon Refugia for Mitigating Resistance to Chemotherapeutics in Sea Lice

[View](#)[Manage](#)[Versions and Events](#)

Object Status

Created Date	Last Modified Date	Datacite DOI	Status
2015-10-08T18:08:26.599Z	2016-05-28T14:52:22.513Z	10.11571/upei-roblib-data/researchdata:216	Public



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Data Lifecycle - Events

Lifecycle Events

Lifecycle Event Date	Lifecycle Event ID	Lifecycle Event Type	Lifecycle Event Description
2016-05-16	researchdata_216-5739b9564b79d	MetadataEditing	Updating the metadata
2016-05-16	researchdata_216-5739b957e7f9f	Other	The security policy has been modified.
2016-05-16	researchdata_216-5739b957e80e5	MetadataEditing	The AccessCondition (status) has been changed from Public to Archive
2016-05-16	researchdata_216-5739b978df3b1	MetadataEditing	Updating the metadata
2016-05-16	researchdata_216-5739b97d2f1d0	Other	minted a DOI and updated the DDI with the DOI
2016-05-16	researchdata_216-5739b97d4e392	Other	The security policy has been modified.
2016-05-16	researchdata_216-5739b97d4e520	MetadataEditing	The AccessCondition (status) has been changed from Archive to Public
2016-05-28	researchdata_216-5749b0a4982fa	MetadataEditing	Updating the metadata



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Data Lifecycle - Versioning

Dataset Versions

Created Date	Size	Label	Responsibility	Mime type	Operations
Thursday, 08-Oct-15 18:08:26 Z	68.14 KiB	/WildSalmonRefugia.zip	gmcewan	application/zip	

Metadata Versions

Created Date	Size	Label	Responsibility	Mime type	Operations
Saturday, 28-May-16 14:52:20 Z	8.12 KiB	DDI Record	admin	application/xml	delete revert
Monday, 16-May-16 12:13:49 Z	6.92 KiB	DDI Record	admin	application/xml	delete revert
Monday, 16-May-16 12:13:11 Z	5.09 KiB	DDI Record	admin	application/xml	delete revert
Thursday, 08-Oct-15 18:08:26 Z	3.47 KiB	DDI Record	gmcewan	application/xml	delete revert



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Datacite DOI

```
<r:InternationalIdentifier>
  <r:IdentifierContent>
    10.11571/upei-roplib-data/researchdata:216
  </r:IdentifierContent>
  <r:ManagingAgency>Datacite</r:ManagingAgency>
</r:InternationalIdentifier>
```

 **Metadata Search** Options | Advanced Search | About Us | Contact | Help

beta

Filter

- [allocator](#)
- [datacentre](#)
- [prefix](#)
- [resourceType](#)
- [publicationYear](#)
- [publisher](#)
- [language](#)

No active filters. Use the sidebar to filter search results.

1 documents found in 10ms
Page 1 of 1    

Wild Salmon Refugia for Mitigating Resistance to Chemotherapeutics in Sea Lice # 1
 [doi:10.11571/UPEI-ROPLIB-DATA/RESEARCHDATA:216](https://doi.org/10.11571/UPEI-ROPLIB-DATA/RESEARCHDATA:216) Dataset : Dataset
McEwan, Gregor • Groner, Maya • Fast, Mark • Gettinby, George • Revie, Crawford
contributor: [HostingInstitution, University of Prince Edward Island](#)

Page 1 of 1    

DataCite Metadata Search • Query Time: 10ms • API Query : [xml](#), [json](#), [csv](#) • [OAI-PMH](#)

<https://www.datacite.org/resources>
http://www.nrc-cnrc.gc.ca/eng/publications/library_services/datacite
https://github.com/roplib/islandora_datacite_doi



Integration with Scholar

IslandScholar - MODS

data.upei.ca - DDI

```
<relatedItem displayLabel="dataset"
type="constituent">
<titleInfo>
<title>
  Wild Salmon Refugia for
  Mitigating Resistance to
  Chemotherapeutants in Sea Lice
</title>
</titleInfo>
<location>
<url note="dataset">
  http://dx.doi.org/10.11571/upei-
  robllib-data/researchdata:216
</url>
</location>
</relatedItem>
```

```
<r:OtherMaterial>
<r:Citation>
<r:Title>
<r:String>
  Using agent-based modelling to
  predict the role of wild
  refugia in the evolution of
  resistance of sea lice to
  chemotherapeutants
</r:String>
</r:Title>
</r:Citation>
<r:ExternalURLReference>
  http://data.researchspaces.
  ca/islandora/object/ir:14627
</r:ExternalURLReference>
</r:OtherMaterial>
```



IslandScholar

Integration with Scholar

data.upei.ca

environments, many strategies employed to manage the evolution of resistance involve the use of refugia, where a portion of the population [Show more](#)

Related Dataset Wild Salmon Refugia for Mitigating Resistance to Chemotherapeutants in Sea Lice

Dataset Link <http://dx.doi.org/10.11571/upei-roplib-data/researchdata:216>

Check at UPEI Check@UPEI

Statistics views: 4

<http://data.researchspaces.ca/islandora/object/ir:14627>

Subjects	Salmon Farming Agent-Based Modelling
Copyright License	cc-by
Dataset Status	Public
DOI	10.11571/upei-roplib-data/researchdata:216
Related Publication	Using agent-based modelling to predict the role of wild refugia in the evolution of resistance of sea lice to chemotherapeutants
Publication Link	http://data.researchspaces.ca/islandora/object/ir:14627

<https://data.upei.ca/islandora/object/researchdata:216>



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Other



Data Storage

For researchers there are a number of options related to data storage:

- [UPEI Google Drive](#)
 - Generally research data should not be stored in a Google Drive or similar commercial service such as DropBox, given the potential issues with privacy and secure data storage.
- [UPEI hosted WorkSpaces \(Pydio\)](#)
 - This is the preferred approach to storing research data at UPEI.
- [UPEI hosted Published and Archived Data \(data.upei.ca\)](#)
 - Built on the Islandora digital repository framework, the [data.upei.ca](#) service provides researchers with a place to securely publish and archive their research datasets.
- [ITSS](#)
 - Some research projects have special requirements (such as their own specialized servers) and ITSS's [Special Data Storage Requirements](#) or [Server Hosting](#) form should be filled out to determine if a special approach is needed.



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Future Plans

- Promote service/provide workshops
- Closer integration with IslandScholar
- Collaboration with Research Ethics Board
- Create DMP Drupal module for distribution
- Investigate other import options
- Investigate alternate storage options



Our Team Members

- Paul Pound
- Peter Lux
- Rob Drew
- Mark Leggott
- Rosie Le Faive
- Leslie Cudmore (Research Services)



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Thanks! Questions?

Code

- https://github.com/roblib/islandora_pydio_bridge
- https://github.com/roblib/action_islandora_pydio_bridge
- https://github.com/roblib/islandora_datacite_doi
- https://github.com/roblib/upei_roblib_legal_redirect

dmoses@upei.ca | dhooper@upei.ca | rlafaive@upei.ca



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