

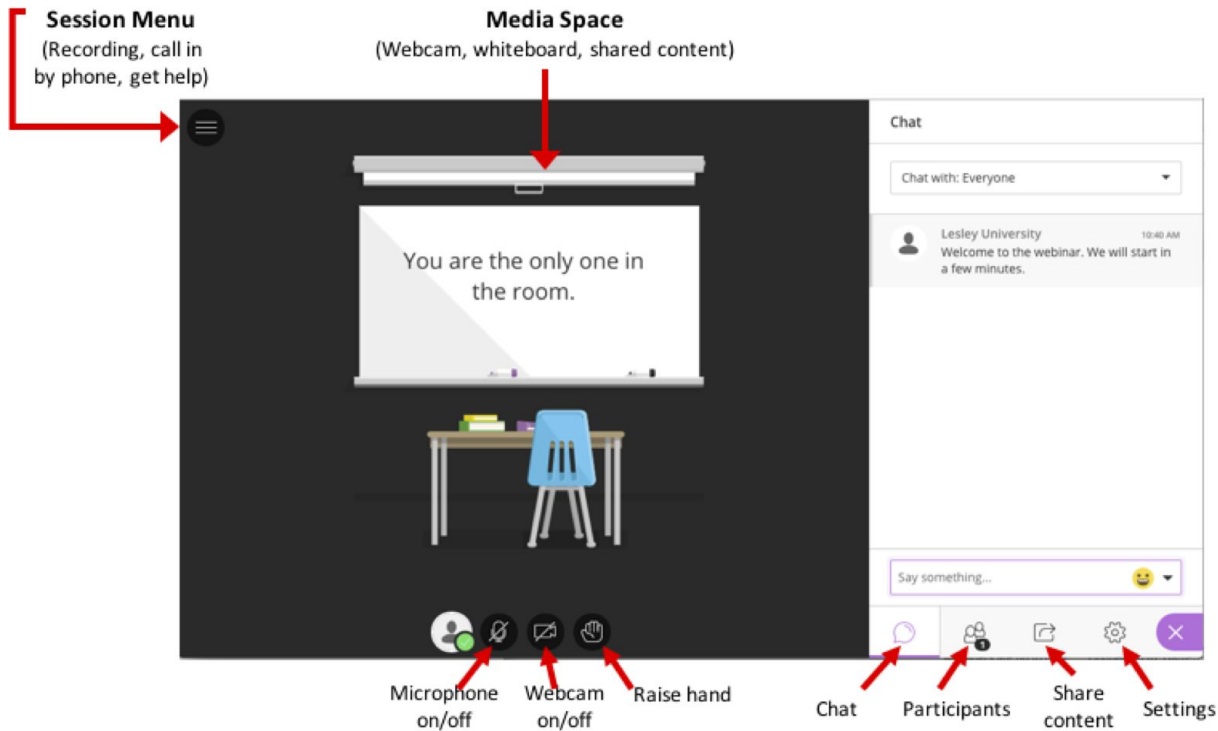
# Finding, Using, and Remixing Open Resources For Your Courses

Open UBC Webinar Series

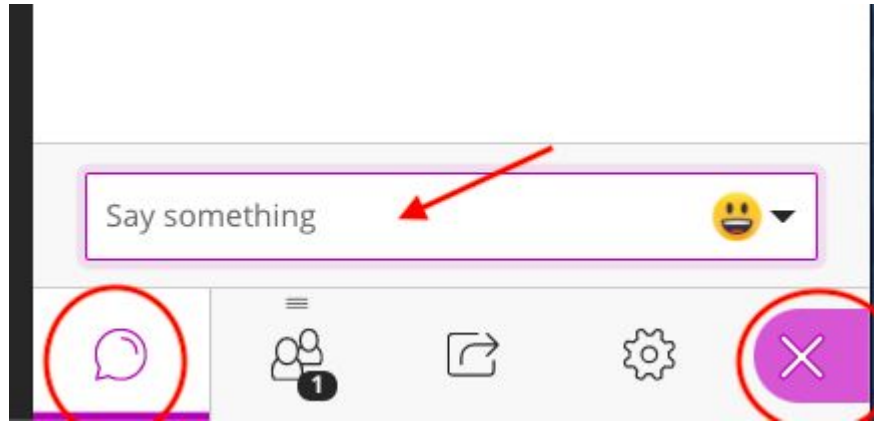
Will Engle, CTLT

Erin Fields, UBC Library





Please note this session is being recorded



Introduce yourself - Name, Department

What are you hoping to learn from today's session?

# AGENDA

- Licenses Overview
- Common Issues When Adapting Existing Resources as an OER
- Strategies for Finding Open Education Resources
- Workflows for Finding Open Education Resources
- Supports for Open Education at UBC

A banner for 'OPEN UBC' with the text 'Set your teaching and learning free.' The banner has a background of a sunset over water. The text 'OPEN UBC' is in large, bold, white letters on a dark grey background. Below it, the tagline 'Set your teaching and learning free.' is in smaller white letters on a dark grey background.

**OPEN UBC**

Set your teaching and learning free.



**Open Educational Resources (OER):** OER are teaching, learning and research materials in any medium that reside in the public domain and have been released under an open licence that permits access, use, repurposing, reuse and redistribution by others with no or limited restrictions.

Atkins, Brown & Hammond (2007). A Review of the Open Educational Resources (OER) Movement: Achievements, Challenges, and New Opportunities . Retrieved on January 21, 2020, from <https://pdfs.semanticscholar.org/8d16/858268c5c15496aac6c880f9f50afd9640b2.pdf>



# 5 R's

***Retain***

***Reuse***

***Revise***

***Remix***

***Redistribute***

From: David Wiley, Defining the "Open" in Open Content and Open Educational Resources

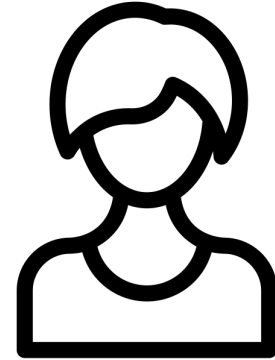


# OPEN LICENSES OVERVIEW



- Photo taken by Rie
- Rie is the copyright holder.

If an instructor wants to use Rie's photo for their open presentation/textbook, she will need to get **permission** from Rie.







## Attribution

BY

Others can copy, distribute, display, perform and remix your work if they credit your name as requested by you



## No Derivative Works

ND

Others can only copy, distribute, display or perform verbatim copies of your work



## Share Alike

SA

Others can distribute your work only under a license identical to the one you have chosen for your work



## Non-Commercial

NC

Others can copy, distribute, display, perform or remix your work but for non-commercial purposes only.



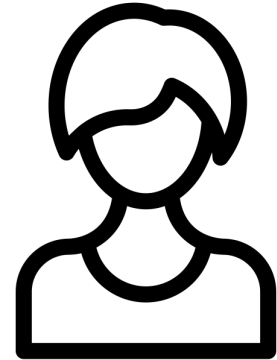
## Example of Licensing

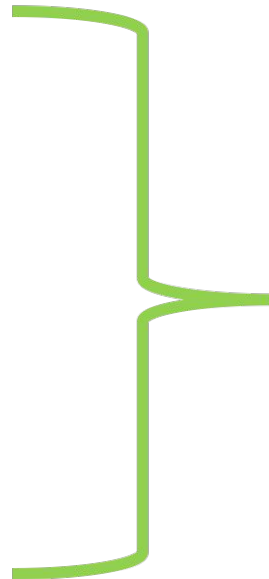
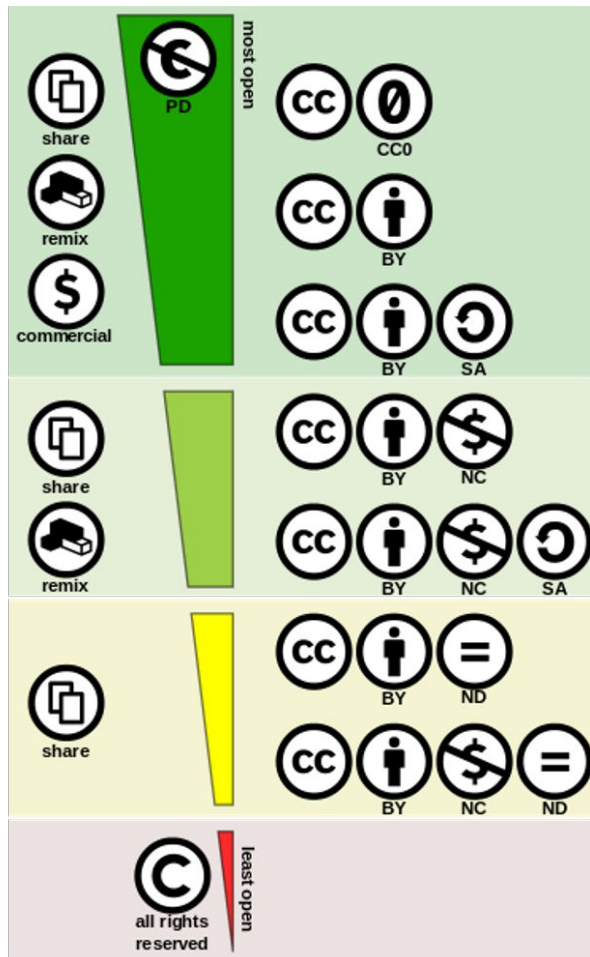


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- Photo taken by Rie
- Rie is still the copyright holder.
- **Rie decided to license her work as Creative Commons Attribution License (CC-BY)**

As long as Rie **credit/attributes**, the Instructor has permission to use Rie's photo



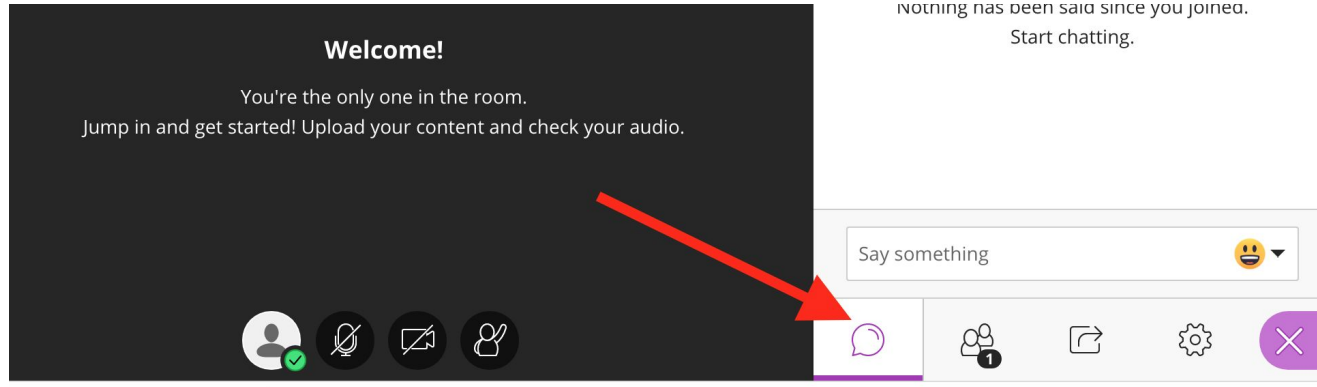


These are the licenses you want to be on the look out for – they tell you that you can remix, reuse, and redistribute the item without seeking permission.

# Share in the Chat:

Have you ever used something that had a Creative Commons License? Have you ever added a Creative Commons license to something that you created?

**Comment from the chat on the bottom-right screen**





# COMMON PROBLEMS





Example of  
Slide Used  
in a Video  
Lecture

# The current status of biodiversity



Javan Rusa (*Rusa timorensis*)  
Indonesia (vulnerable)



*Maingaya malayana*  
Malaysia (vulnerable)



Fiji Banded Iguana (*Brachylophus fasciatus*), Fiji (endangered)



# The current status of biodiversity

Example of  
Slide  
Meeting CC  
License  
Requirements



Image 1 Javan Rusa (*Rusa timorensis*)  
Indonesia (vulnerable)

"Javan Deer Stag" by Francesco Veronesi licensed under [CC SA 2.0](#)



Image 2 *Maingaya malayana*  
Malaysia (vulnerable)

"*Maingaya malayana*" by Kew licensed under [CC SA 2.0](#)



Image 3 Fiji Banded Iguana (*Brachylophus fasciatus*), Fiji  
(endangered)

"*Brachylophus fasciatus* Fidschileguan" by H. Krisp licensed under [CC Attribution 3.0](#)

# Remember to share only what you have permission to share

Putting a Creative Commons license on your work is great if you want others to use your work, but it is important to remember that you can only share

- 1) Works of which you are the copyright holder
- 2) Works that have been made available for reuse
- 3) Works that are in the public domain, meaning that copyright has expired



# OPEN EDUCATION RESOURCES



# Finding Open Educational Resources

- Open Access at UBC
- Open Textbook Collections
- Open Educational Resource Repositories
- Google Search



# Open Materials at UBC Library

On Campus / Login to access full text and more content.

THE UNIVERSITY OF BRITISH COLUMBIA  
Library

chemistry   New Search Advanced ▾

77,921,643 results sorted by [relevance](#)  Add results beyond your library's collection

**REFINE YOUR SEARCH**


Full Text Online  
Scholarly & Peer-Review  
Peer-Review  
**Open Access** ✓  
Library Catalog


**CONTENT TYPE** ▾


Patent (73,363,585)  
Journal Article (3,848,031)  
Publication (1,206,311)  
Data Set (193,314)  
Book / eBook (10,420)  
More...

**PUBLICATION DATE**

from  to   
Last 12 Months  
Last 3 years

1 **online**  **Indian journal of chemistry: Section B, Organic including medicinal**  
by Council of Scientific & Industrial Research (India); National Institute of Science Communication and Information Resources (New Delhi, India); Freely Accessible Science Journals; More...  
Indian Journal of chemistry. Section B, Organic including medicinal, 1976  
eJournal: [Full Text Online](#), QD1 .I59  
Journal: [Available](#), QD1.I59 J34, I.K. BARBER LIBRARY ASRS storage (+44 More)  
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2 **online**  **Bioinorganic chemistry and applications**  
by Hindawi Publishing Open Access; Airtiti Library; Directory of Open Access Journals; More...  
Bioinorganic chemistry and applications, 2003  
eJournal: [Full Text Online](#), QP531  
View the Journal: [Browse Now](#)   
[More Info](#) ▾

3 **online**  **International journal of molecular sciences**  
by Molecular Diversity Preservation International; MDPI Open Access Journals; Directory of Open Access Journals; More...  
International journal of molecular sciences, 2000  
eJournal: [Full Text Online](#), QH506

**News**

**Library Online Resources**  
**Access from Home**

The UBC Library eResources & Access Team hopes that you are all doing well & taking care of yourselves.

We are here to answer your questions and help you access Library online resources. You can always contact us via our [Help Form](#). But please be patient as everything takes longer these days.

If you are new to accessing Library ebooks, ejournals, databases, etc. from home, please [Read This](#)

And please watch [Watch our Blog](#) for bulletins.

**OpenVersion**

**New OpenVersion Link**

When you see **OpenVersion** in a result, that is a link to download a version of the article from **Unpaywall**. Note that this *open access* version may not be the same as the final published version.

For more information on Unpaywall, [Click Here](#).

**Recommended Research Guides**

**Chemistry**  
by Kevin Lindstrom

# Open Materials at UBC Library



## Indexes & Databases

Unless specified as open access, these resources are open only to UBC students, faculty, staff and on-site Library users. Other restrictions may apply.

**Search for Indexes & Databases**

Keywords  Title Contains

**Limit To Resources With:**

Open Access for Everyone  Mobile-Friendly Sites

Full Text Materials  Canadian Materials

### UBC Databases & Indexes

Open to Everyone



The Chung Collection

BC Historical Newspapers

Uno Langmann Family Collection of BC Historical Photographs

BIRS Workshop Lecture Videos

BC Historical Books

UBC Theses and Dissertations

Look for the above image and link when searching UBC Library collections.

UBC Open Collections - <https://open.library.ubc.ca/>

# Open Textbook Collections

- [NOBA](#)
- [B.C. Open Textbook Collection](#)
- [Open SUNY Textbooks](#)
- [Open Textbook Library](#)
- [OpenStax CNX](#)
- [Skills Commons Open Textbooks](#)

# Open Educational Resource Repositories

The type of repository can be determined by it's primary function:



Aggregators collect metadata and links for resources hosted on other websites. They usually have good metadata and item description and focus on searchability.



An archive and aggregator has both uploading capability as well as collecting metadata and links. These repositories are usually run by 3rd parties and are often a paid platform.



Archives focus on being a place where users can upload their open education resource. While they provide a certain level of metadata, they generally have low search functionality.

# OER Repository - Aggregators

## [OASIS](#)

OASIS currently searches open content from 98 different sources and contains 368,237 records.



## [Mason OER Metafinder \(MOM\)](#)

The Mason OER Metafinder searches across 21 different sources of open educational materials.



*Note – Aggregators are sometimes hard to search because they are attempting to match metadata across different platforms for searching.*



This is a guide on how to find, create, and share Open Education Resources (OER).

Home

Finding

Open Educational Resource  
Repositories (OERs)

General Repositories List

By Material

By Subject

Creating

Using Creative Commons  
Licensing

Sharing

Choosing a Repository

Repositories

The Open Community

Further Reading

Contact Us

Need more help?

Book a Consult

Guide Licence



[Creative Commons Attribution 4.0  
International License.](https://creativecommons.org/licenses/by/4.0/)

## Open Educational Resource Repositories (OERs)

Finding open education resources can be a complicated process. Open education resources can be found everywhere and anywhere and have no unified form of evaluation before they are made available to the public. However, one of the best ways to find high quality open educational resources is Open Educational Resource Repositories (OERs).

An Open Educational Resource Repository is an online storage system that allows educators to share, manage, and use educational resources. Repositories can contain a collection of learning items that support instruction, including:

- open textbooks
- lesson plans
- quizzes and test banks
- videos, animations, simulations
- class handouts
- interactive activities and tools (apps, for instance)
- powerpoint presentations

## General Repositories List

Below you will find a list of Open Educational Resource Repositories that are a good place to start your search. This list is not exhaustive, but these large repositories have a good breadth of disciplines, subjects, and formats. Lists of repositories that are [material-specific](#) and [subject-specific](#) are also available.

### Mason OER Metafinder (MOM)

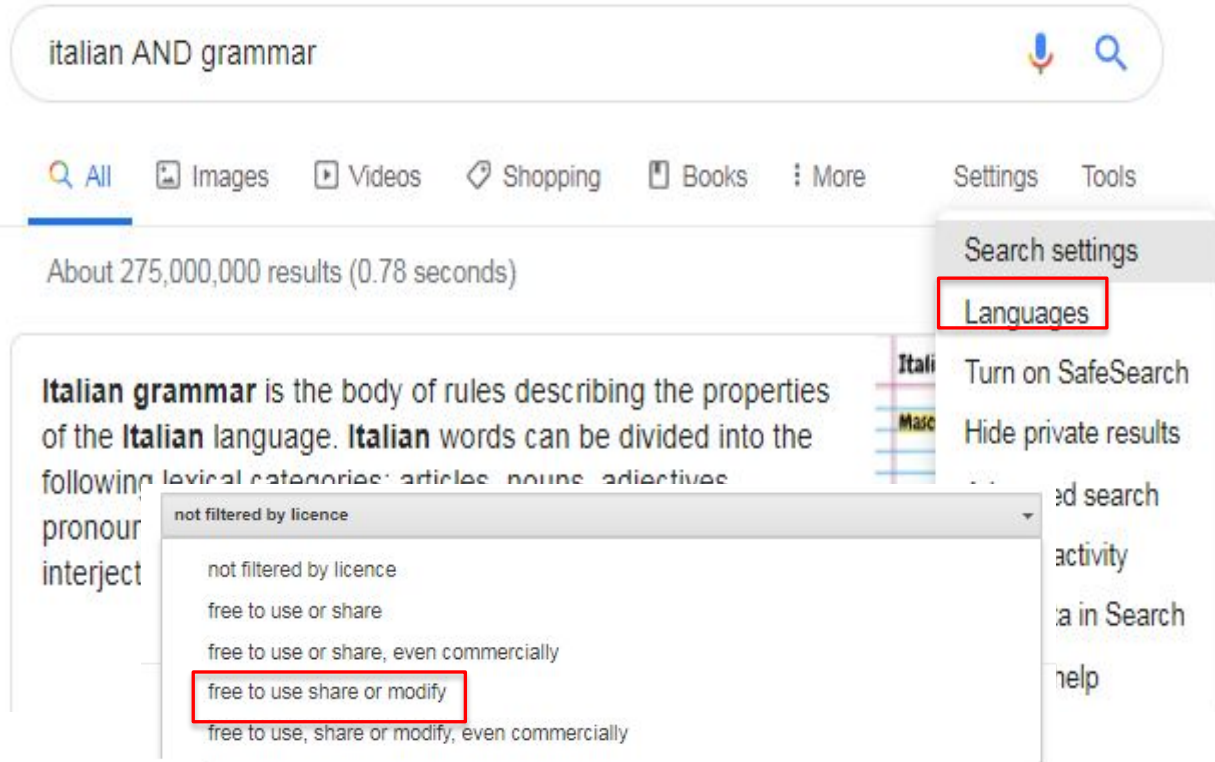
The Mason OER Metafinder searches across 21 different sources of open educational materials. It searches well-known OER repositories like OpenStax, OER Commons, MERLOT but also sites like HathiTrust, DPLA, Internet Archive and NYPL Digital Collections where valuable but often overlooked open educational materials may be found.

### MERLOT

The MERLOT collection consists of tens of thousands of discipline-specific learning materials, learning exercises, and Content Builder webpages, together with associated comments, and bookmark collections. These materials have been [contributed by](#) the MERLOT member community who have either authored the materials or who have shared existing open education materials. Materials in MERLOT [are reviewed for suitability for retention](#) in the collection. Many undergo the more extensive "[peer review](#)" for which MERLOT is known.

<http://guides.library.ubc.ca/open-education/finding>

# Optimizing Your Google Search



## Additional Options\*

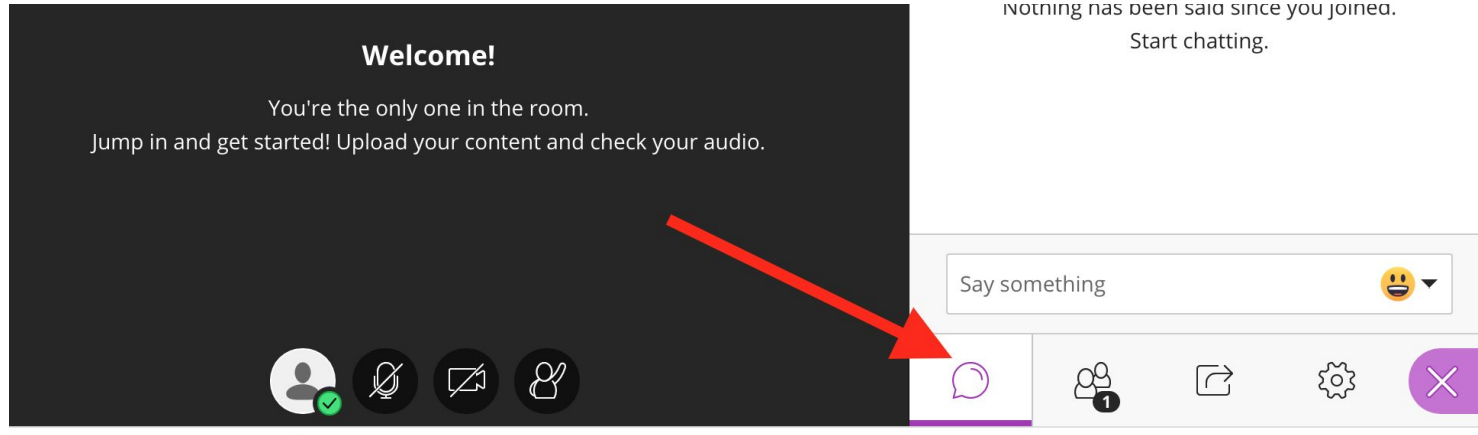
Site or domain  
Last updated  
File Type

*\*Dependent on creator  
supplied metadata*

# Share in the Chat

What tool(s) have you used to find open resources?

**Comment from the chat on the bottom-right screen**



# IDENTIFYING LICENSES AND ATTRIBUTION



- Can you reproduce the material? Are you allowed to change it?
- Have you met the license conditions?  
Attribution?
- Do be aware of the source site's terms of service and individual items licenses



# Attributing Open Education Resources

In order to provide proper attribution, users need to know the **Title**, **Author**, **Source**, and **License**

Example Image



caption: [Castle Stalker](#)  
(c)Andrea Mucelli, [CC BY-NC-SA 2.0](#)

Details

- Title: Castle Stalker
- Creator: Andrea Mucelli (username bluestardrop)
- Source: Flickr, <http://www.flickr.com/photos/bluestardrop/3859908007/>
- Copyright information: Creative Commons Attribution-NonCommercial-ShareAlike 2.0 Generic (CC BY-NC-SA 2.0)

Short, hyperlinked attribution statement.

[Castle Stalker](#) (c)Andrea Mucelli, [CC BY-NC-SA 2.0](#)



Title and hyperlinked to Source



Author



License information

# The current status of biodiversity

Example of  
Slide  
Released  
as an Open  
Educational  
Resource



Image 1 Javan Rusa (*Rusa timorensis*)  
Indonesia (vulnerable)

"Javan Deer Stag" by Francesco Veronesi licensed under [CC SA 2.0](https://creativecommons.org/licenses/by-sa/2.0/)



Image 2 *Maingaya malayana*  
Malaysia (vulnerable)


"*Maingaya malayana*" by Kew licensed under [CC SA 2.0](https://creativecommons.org/licenses/by-sa/2.0/)




Image 3 Fiji Banded Iguana (*Brachylophus fasciatus*), Fiji  
(endangered)


"*Brachylophus fasciatus* Fidschileguan" by H. Krisp licensed under [CC Attribution 3.0](https://creativecommons.org/licenses/by/3.0/)

# Adaptability of OER

 **The Digital Tattoo Project**  
94 subscribers






[Change](#) [Creator Studio](#) 

## Open Learning



**Video credit:** Open Learning Remix - posted by The Digital Tattoo Project on [YouTube](#)

Think  Explore  Discuss



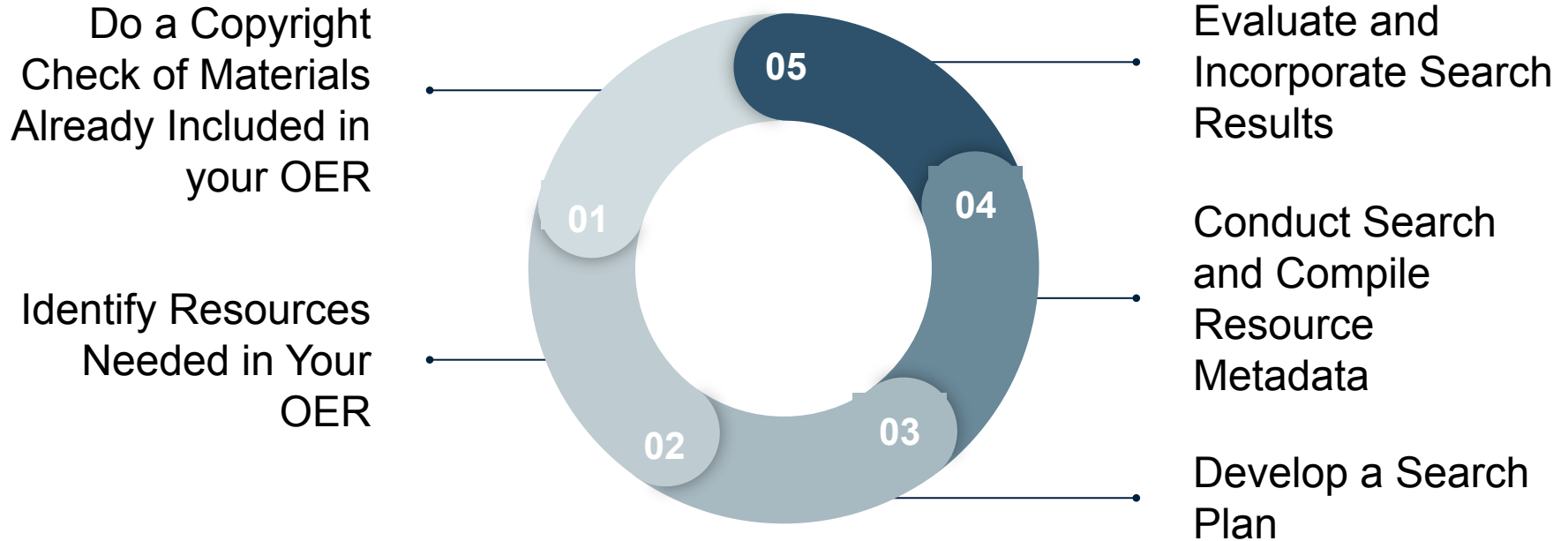
[Waynestock / CC BY-SA](#)



# OER WORKFLOWS



# Finding and Incorporating OER Workflow





# Workflow

## Copyright and License Check

Identify license of any materials already being used

Track down original resource and license for any unattributed materials

Identify resources that need to be replaced with open resources

## Identify Resources Needed

Identify license being used in your OER Project

Identify compatible licenses for materials you want to use in your OER

Identify what resource types you need and for what purposes

## Develop Search Plan

Identify relevant subject areas

Develop search terms and keywords (throughout)

Identify relevant repositories to search

Identify any special considerations (videos with transcriptions, material types, etc.)

## Conduct Search

Search identified repositories

Make not of any potentially open resources and link

Make not of relevant metadata, including license

## Evaluate and Incorporate Materials

Faculty/Project Lead review of collected materials

Check license compatibility

Create list of resources to be used

Create proper citations/attribution for resources

Incorporate into OER project with proper citation/attribution

# Finding and Attribution Workflows

## Open Education Resources

Course: Biology 112

Faculty/Instructor: Dr. J. Smith

Source Type	Author	Title	URL	Publisher	Date Created	Abstract	Duration/Length	Copyright/Licensing	Citation
Video, Quiz	Prof. Eric Lander	Types of Organisms, Cell Composition	<a href="https://ocw.mit.edu/courses/biology/7-01sc-fundamentals-of-biology-fall-2011/biochemistry/types-of-organisms-cell-composition/">https://ocw.mit.edu/courses/biology/7-01sc-fundamentals-of-biology-fall-2011/biochemistry/types-of-organisms-cell-composition/</a>	MIT Open Courseware	N.D.	This session will introduce the course and cover the basics of cell composition. It will also introduce the different types of organisms and the basic differences between them.	16:50 minutes	CC BY NC-SA	<i>Types of Organisms, Cell Composition. (n.d.). [video] Directed by E. Lander. Cambridge, MA: MIT.</i>

Collect the information necessary to adequately attribute the open education resource.

Templates available here: [OER Training - Finding OER Search Plan](#)

# OPEN EDUCATION SUPPORTS & SERVICES





# OPEN UBC

Set your teaching and learning free.

[open.ubc.ca](https://open.ubc.ca)

<https://open.ubc.ca/consultations/>





# OPEN UBC WEBINAR SERIES

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Learn about the growing number of open practices within academia, including: Open Access, Open Science, Open Data, and Open Education.

<https://tinyurl.com/yd5zdptp>



# Resources

## Supports & Services

- [UBC Library Open Education](#)
- [Open UBC Working Group](#)

## Templates

- [Finding OER Search Plan Spreadsheet](#)

## Guides

- [Open Education Research Guide](#)
- [Copyright Educational Resources Research Guide](#)
- [Open UBC](#)

The logo for OPEN UBC features the words "OPEN UBC" in a bold, sans-serif font. The text is white and is set against a semi-transparent white rectangular background. This background is placed over a photograph of a sunset or sunrise with rays of light breaking through a cloudy sky. The overall color palette of the logo area includes shades of blue, orange, and white.

**OPEN UBC**

Set your teaching and learning free.



THE UNIVERSITY OF BRITISH COLUMBIA

[erin.fields@ubc.ca](mailto:erin.fields@ubc.ca)  
[will.engle@ubc.ca](mailto:will.engle@ubc.ca)

THE UNIVERSITY OF BRITISH COLUMBIA