OER – Open Educational Resources

26. Nov. 2021 / Nicole Krüger (ZHAW)
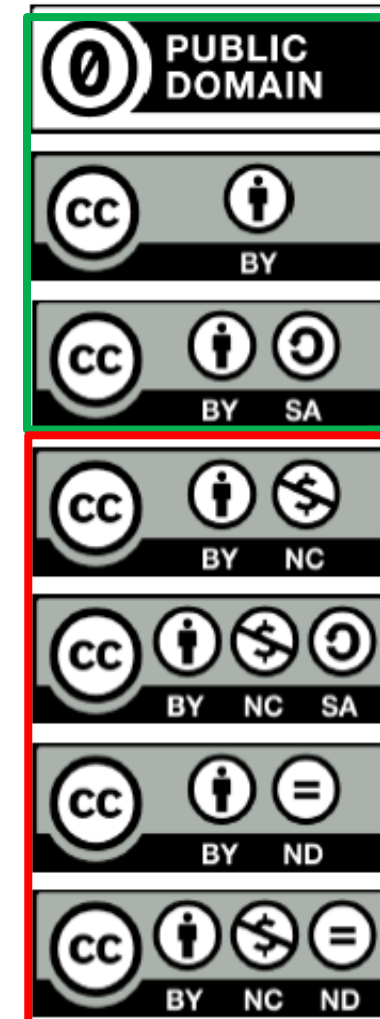
UNIFR Open Science Week 2021

What are Open Educational Resources?

TUTORIALS

PRÜFUNGEN

BILDER

QUIZES

VIDEOS

TEXTE

FOLIEN

+

PUBLIC DOMAIN

CC BY

CC BY SA

CC BY NC

CC BY NC SA

CC BY ND

CC BY NC ND

In the context of education

What are Open Educational Resources?

*«Open Educational Resources (OER) are teaching, learning and research materials **in any medium** – digital or otherwise – that **reside in the public domain or have been released under an open license** that permits no-cost **access, use, adaptation and redistribution** by others with no or limited restrictions.»*
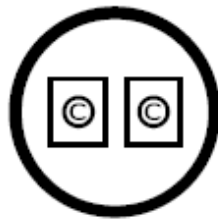
Unesco Definition of OER
(Highlighting by me)

In a way it all comes down to: Creative Commons

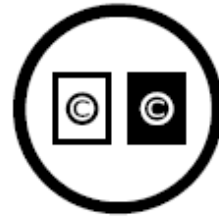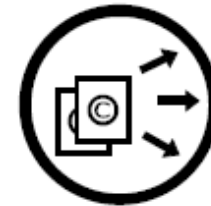[Creative Commons were covered in the lunch lecture on Monday, please have a

look there.]
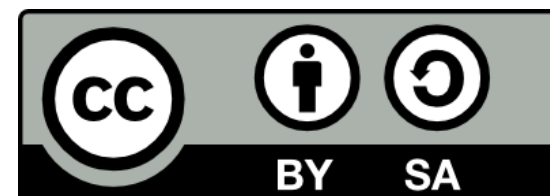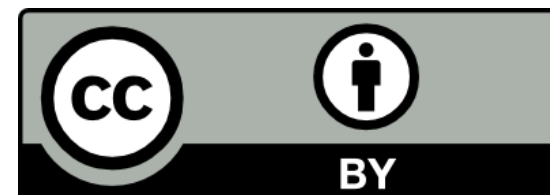
Open Educational Resources

Everyone can and may

Copy

Change or
Re-Mix
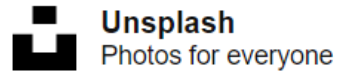
Distribute

For any purpose ...

Finding OER (international)

Searches for CC content	Free materials with own licenses	«OER»-Portals and scientific materials
Wikimedia Commons	pixabay	OER COMMONS OPEN EDUCATIONAL RESOURCES
cc search	Unsplash Photos for everyone	zenodo
	thenounproject	PLOS Open for Discovery

❖ Even if attribution is not required for some content, it is advisable to name the origin, so you can prove where you got this content from.

Finding OER (German)

OERSI

Deutsche Digitale Bibliothek

Bildungsserver Elixier

OpenLearnWare der TU Darmstadt

ZOERR: Zentrales Repositorium für Open Educational Resources (BW)
HOOU – Hamburg Open Online University
Twillo - OER-Portal Niedersachsen
TIB AV-Portal (Videos / Audiovisuelles Material der Technischen Informationsbibliothek)

Finding OER (general search tools)

FILTER OPTIONS IN THE RESULT LISTS

Search engine	Videos & Musik	Bilder	Kulturelles Erbe
Google	YouTube	flickr	europeana

+   Options
+   Advanced Search
+   Usage rights

- Check at the material itself, if it really has a CC license, don't only rely on the filters.

Producing MOOCs and Videos

Producing a MOOC on the anatomy of chicken and the development of eggs

→Images on the web were not openly licensed

→ Image portals like Flickr, Pixabay, Pexels, Unsplash have little academic content

→ Books are copyright protected as well.
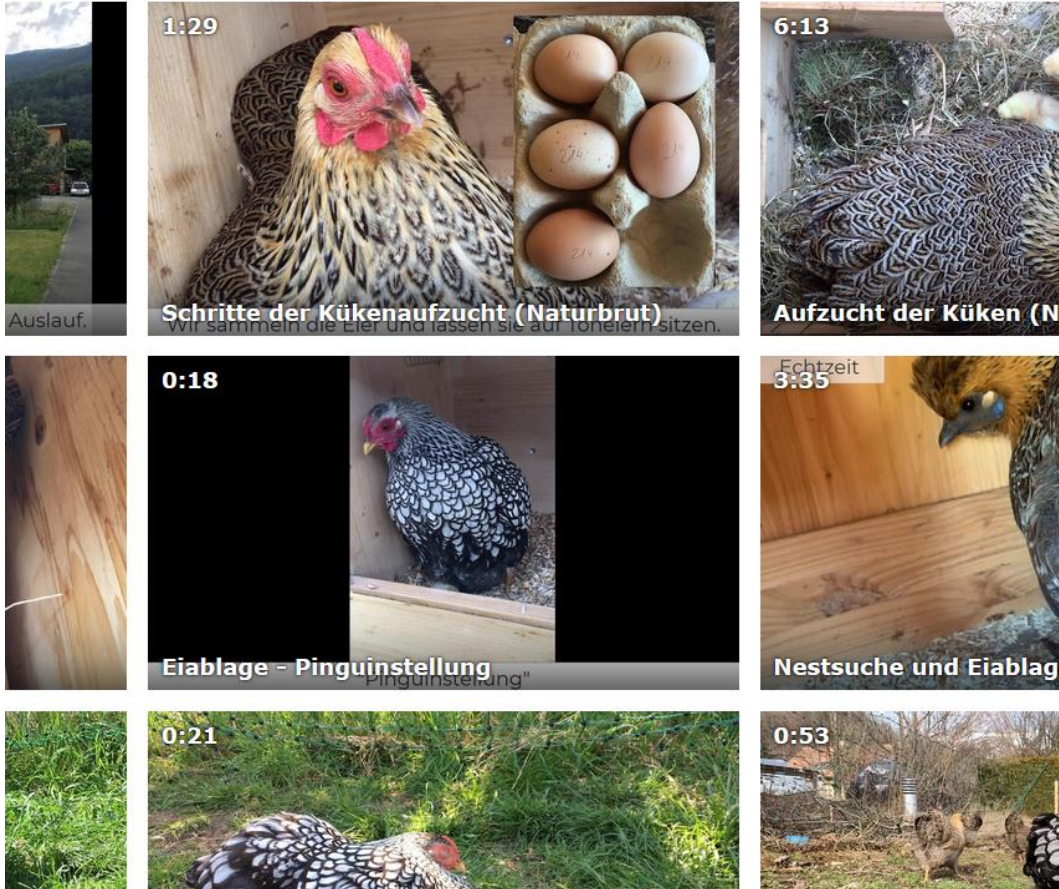
Videos in the Switchtube Channel "Vom Huhn zum Ei" by Barbara Beck-Wörner / ZHAW is licensed under CC-BY-NC 4.0

Producing MOOCs and Videos
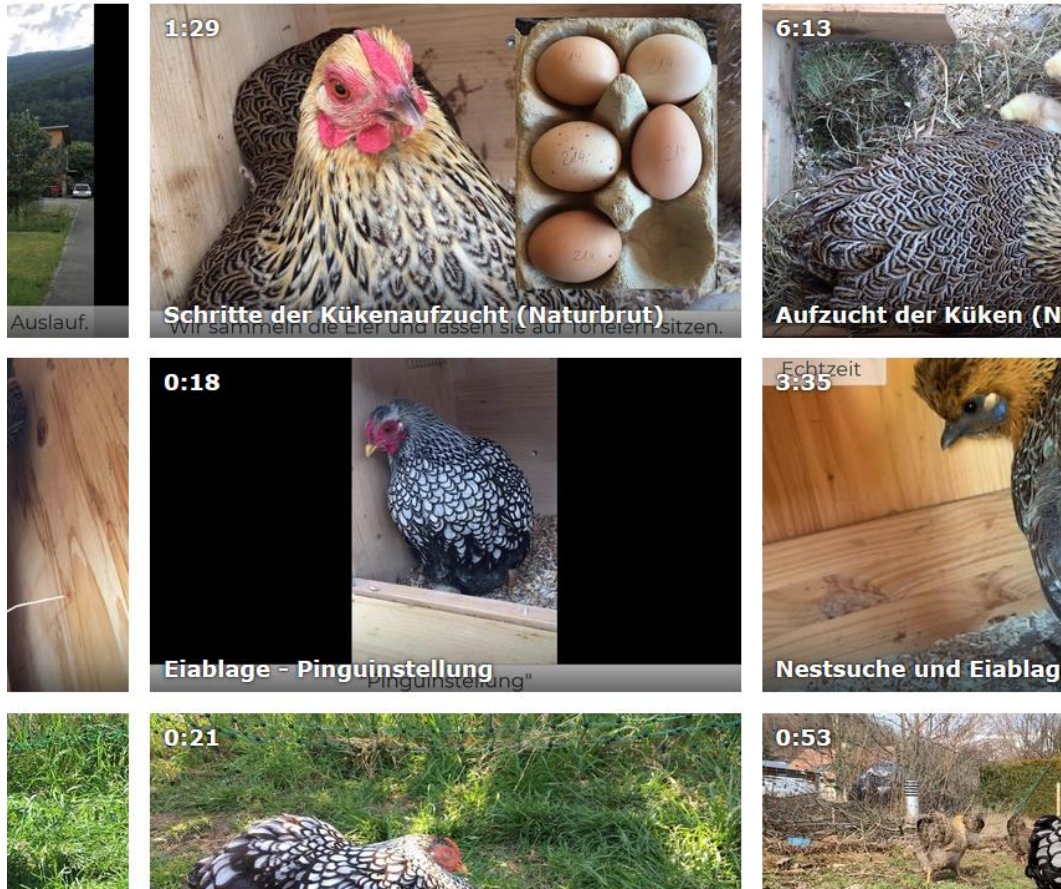
Videos in the Switchtube Channel "Vom Huhn zum Ei"
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If we all share our very special academic teaching content (even single images) we enhance the pool of OER and can all save time and resources in the creation of e-learning materials.

CC BY → Visibility and earning the credits for your work.

New didactical approaches

David Weinberger

"***the Smartest Person in the Room Is the Room***"

→ Knowledge is not in the mind, it is between minds. / The networking of knowledge

(Slide inspired by a presentation by Bettina Waffner, Learning Lab University Duisburg-Essen)

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OER in the Curriculum

- Students on Twitter

Learn science communication early on.

- Students writing blogs (https://blog.zhaw.ch/eat-grow-change/) or public learning diaries

BACHELOR UMWELTINGENIEURWESEN

Vegi-Angebot in der Schweizer Gastronomie – eine Analyse vom Boden- bis zum Genfersee
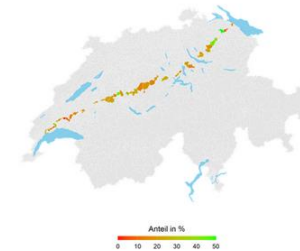
Ein Beitrag von Karin Rieben und Priska Baur

Abbildung 1: Vegi-Angebote in Schweiter Gemeinden (Karin Rieben CC BY 4.0)

OER in the Curriculum

- https://open.ed.ac.uk/wikimedia-in-education/

- **Visibility** of

- Swiss Higher Education Institutions

- Swiss Historical, Political, Scientific developments

- Open.ed → University of Edinburgh, Lorna Campbell

OER Community at ZHAW

OER at ZHAW

ZHAW digitalcollection

MOOCs at edX global or Swiss MOOC Service

Video Production

Github

Open Access publications unter CC license in
   the institutional repository
   ZHAW digitalcollection

Images and Graphs on Wikimedia Commons

Slides in zenodo

OER Support at ZHAW

- OER-Team at the library
  - → oer.hsb@zhaw.ch
  - → OER website

- Workshops and Coffee Lectures

- OER Policy

Would you share?

Where and how?

Do you have questions?

Contact

[Nicole Krüger](#)

E: nicole.krueger@zhaw.ch /
oer.hsb@zhaw.ch

T: +41 58 934 62 26

orcid.org/0000-0002-2120-7073

Twitter [@elocin_ka](https://twitter.com/elocin_ka)