

The double-edged sword: Navigating AI's promises and risks for OER

Open Science Days, Lausanne
07 September 2026

Mentimeter

What benefits did AI bring to your OER practice?

Menti.com

Code: 2597 4688

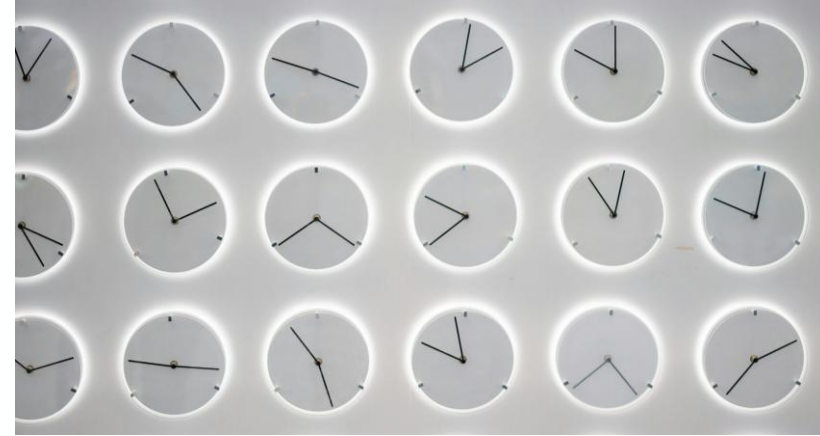


AI as a *Chance* for OER

AI can remove legal obstacles and help saving time.

AI supports

- **Creation** of new materials
- **Adaptation** → translations, media-related or didactic transformation
- **Accessibility** of materials



Behind the scenes with an OER MOOC production
– Only a few years ago

6 Months before material production



Take care not to integrate any third party materials from the web or from text books and publications that weren't published under a CC license. There is a difference between a MOOC and a use in the classroom with your students.

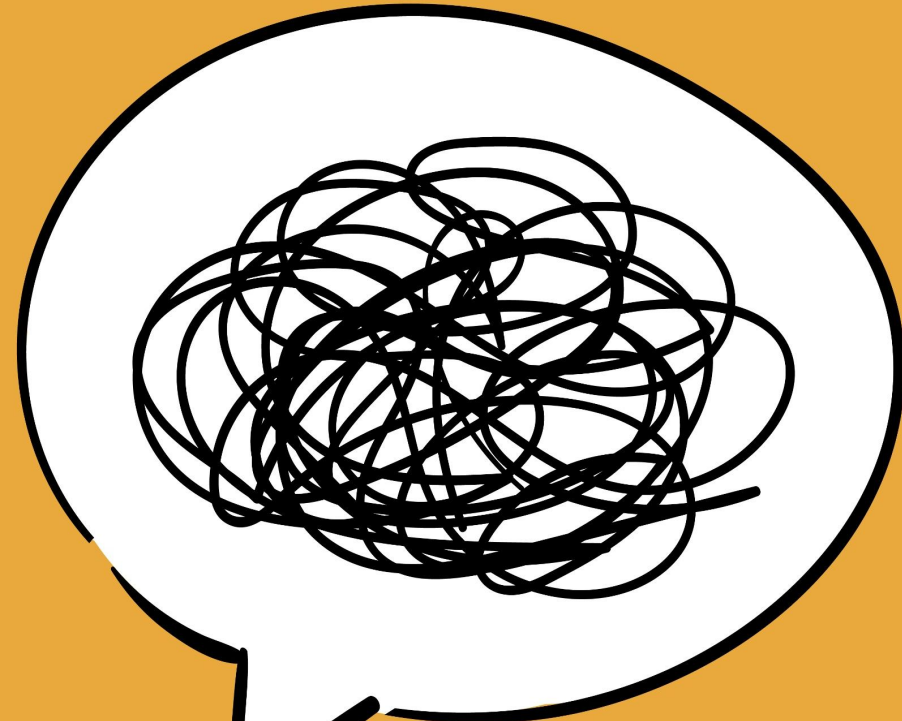


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Production process

Do you need support with
copyright questions or CC
licenses?
Under which license will your
own MOOC be published?



3 weeks before Go Live



Adobe Stock

ELSEVIER



The Science of Food, for a Better You

How what we eat affects every part of our lives



YOUR GUT MICROBIOME MATTERS
A diverse gut microbiome can boost immunity, improve mood, and support metabolism.



FIBER
Supports digestion and a healthy heart



VITAMIN D
Strengthens bones and supports immunity



OMEGA-3s
Promote brain health and reduce inflammation



IRON
Carries oxygen and fights fatigue



ANTIOXIDANTS
Help protect cells from damage and aging

Food is more than fuel.

It connects us, heals us, and helps us thrive.

THE ROLE OF DIET IN CHRONIC DISEASE RISK

Poor diet is a leading risk factor for:

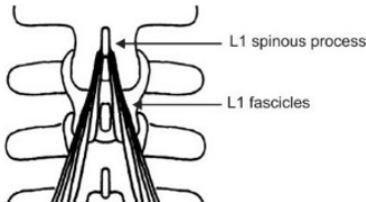


THE FUTURE ON YOUR PLATE
Sustainable food choices—good for you and the planet. Every bite counts.



Times cover and infographic AI generated with ChatGPT on August 31 on no factual basis, only for demonstration.

Finding or creating Alternatives



Dieses·denke·ist·unproblematisch...·zwar·aus·dem·Internet·aber·das·
gibt·es·tausendfach·in·allen·möglichen·Büchern|...¶
¶
Habe·die·Quelle·genannt.·Ist·unter·CC·BY·NC·3.0·lizenziert.✕



Irgendwo·aus·dem·Internet....¶
¶
Krun·ersetzen:·Hohlkreuz·Haltung·und·normale·Haltung}

⊕
**Serien·
Personenabbildungen¶**
✕

Eigene·Werke?¶
Einwilligung·der·Personen·zur·Verwendung·vorhanden?✕

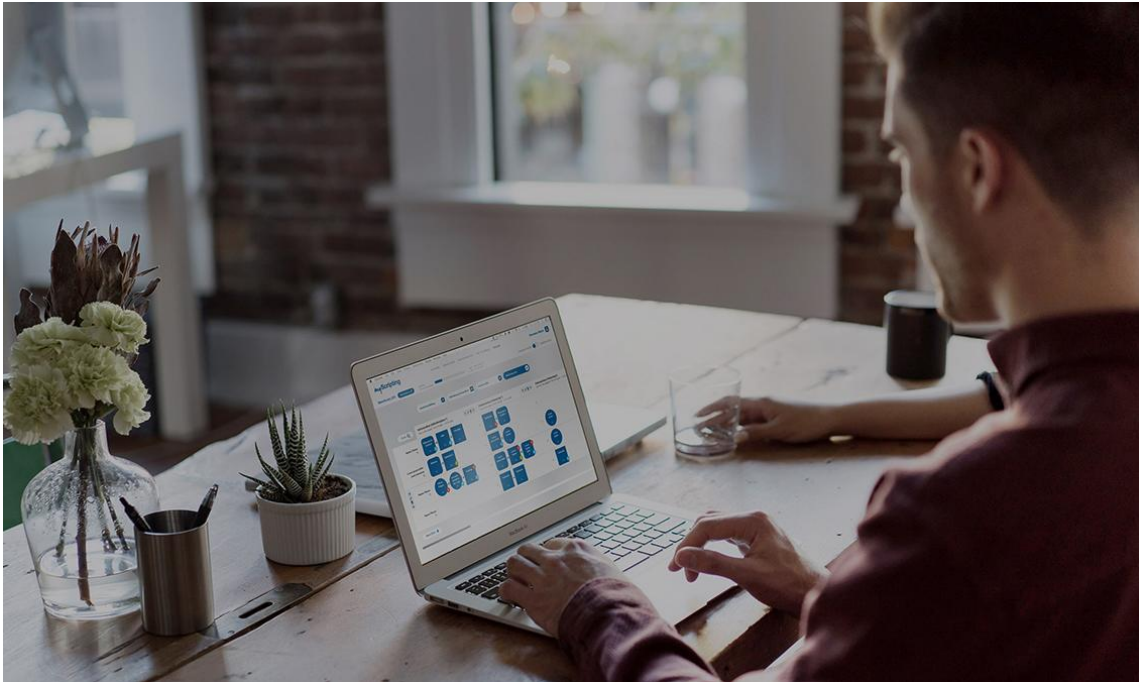


Shutterstock·(<https://www.shutterstock.com/c/illustration/bad-sitting-posture-reason-office-s>)
¶
Ggf.·ersetzen·durch·dieses:¶



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https://de.wiktionary.org/wiki/Datei:Old_Cart

Today – with AI



Images, video, audio, and course-layout created with the support of AI tools.

English audio overview



JOIN THE DISCUSSION

**What could this unlock
in your own teaching?**

- **Creation**
- **Adaptation**
- **Accessibility**

Or even ...

... OER produced entirely with AI – and quality checked by teaching staff.

Published in the Public Domain.

Kommunikation im Ehrenamt



0:00 / 5:43

Details

Universität
ZHAW

Mitarbeitende am Material
Herausgeber*in/Anbieter*in

 Anna Binic-Schnauder

 Michael Zirkler

Freie Urheber*in-Angabe
Das Video wurde mit Hilfe von NotebookLM erstellt und inhaltlich überprüft.

Lizenz & Weiterverwendung

Aktuell ausgewählte Lizenz





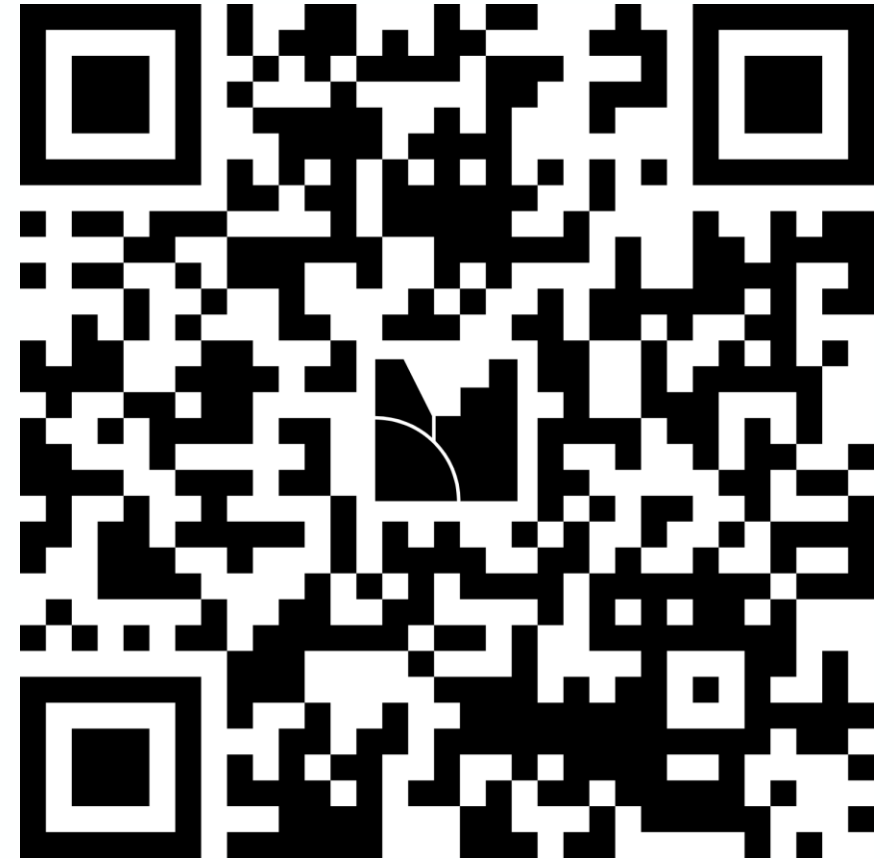
Dieses Werk ist gemeinfrei.
Keine Attributierung und Namensnennung notwendig.
Kommerzielle Nutzung erlaubt.

AI Risks

Challenges and risks I: Quick field mapping

- What risks does AI bring to your OER practice?
- <https://www.menti.com/alar27kho8r3>

code **7861 4613**



Challenges and risks II: Views from an academic library

Truth & reliability

- **AI** does not generate truth by itself: It provides **plausibility based on the existing material it has access to.**
- AI becomes a risk, as **we are all laypersons lacking specialized knowledge in most fields.** How can we build the necessary trust?
- **Our answer: OER** can be o help here.
 - OER can be low-threshold, accessible opportunities for the public to verify AI-generated claims.
 - Because OER are created by experts and are in platforms curated by academic institutions.

Content-creation automation & the flood of digital trash

- **AI-generated content is flooding the web:**
 - Is this currently affecting OER (Open Educational Resources)? Or is it more relevant to academic publishing and infotainment?
 - What can we learn from the current process? What can we apply to OER?
- **Our answer:**
 - **Take the matter in our hands**

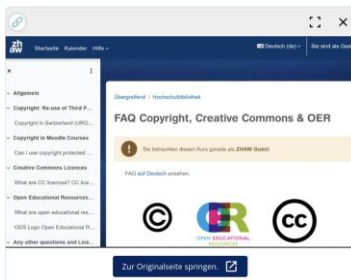
Finding reliable OER (with or without AI)

(Re)Acting: Shaping the present and future of OER from the bottom

Interaction with the field

At our institution

- Structural embedding in the production of content (MOOCs)
- Individual counselling to projects and teachers
- Active communication: Events, blogposts, etc.
- Creation of supporting material for self use



Beyond our institution

- Participation in events.
- Publication of articles and book chapters

Die GRUNTFEN
08/2019 – Forschung und Praxis 2020, 45(2), 141–151

Bibliotheken als strategische Knotenpunkte für OER
Esther Böttig Neusch*, Enrique Corredora Nilsson, Roger Fühler und Nicole Krüger
Das Kollektiv hinter dem Individuum: OER, KI und die strategische Rolle von Bibliotheken am Beispiel der ZHAW Hochschulbibliothek

Zusammenfassung: Die fortschreitende Digitalisierung hat Open Educational Resources (OER) stark vorangetrieben, doch eine nachhaltige Integration in den Bildungsgang bleibt bisher ein Ziel und noch keine Selbstverständlichkeit. Gleichzeitig wird das OER-System vor einem neuen Wandel stehen: Die Integration von Künstlicher Intelligenz (KI) hat eine zentrale Rolle in der Weiterentwicklung von OER und Open Educational Practices (OEP) spielen bringt jedoch rechtliche Unsicherheiten und komplexe Kooperationsanforderungen mit sich.

Wissenschaftliche Bibliotheken stehen in diesem Wandel eine Schlüsselrolle ein, indem sie einen Prozess unterstützen, um OER von individuellen Initiativen zu breit akzeptierten Standards zu entwickeln. Anhand eines Fallbeispiels der ZHAW Hochschulbibliothek – der Einrichtung einer Open Institutional Repository (OIR) – wird versucht, die rechtlichen und praktischen Herausforderungen für Bibliotheken im Bereich von OER und KI zu verdeutlichen, die sich verändernde Rolle wissenschaftlicher Bibliotheken in institutioneller Umgebung sowie Strategien zur Bewältigung rechtlicher Unsicherheiten zu reflektieren. Im Zentrum steht dabei die strategische Intelligenz (StratInt), die durch verteilte interne Vernetzung und enge Kooperationsbeziehungen, Bedarfe frühzeitig erkennen und Handlungspläne entwickeln, kollektive Intelligenz und organisatorische Anreize geben, um diese Visionen, um den wachsenden Herausforderungen durch KI zu begegnen.

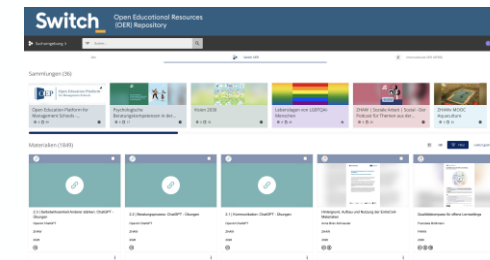
Keywords: Open educational practices; open educational resources; artificial intelligence; artificial intelligence; OER; open methods; collective intelligence; anticipation

Information exchanges and mutual influences

Infrastructure building

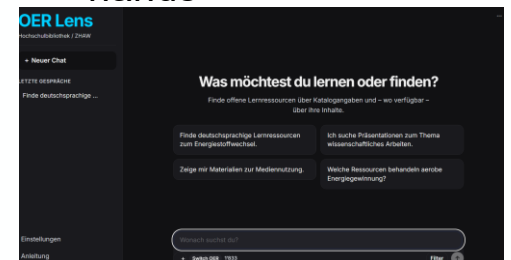
Switch oer repository

- Material accessible to everybody
- From single materials to entire courses
- Content can be published by members of all participating institutions
- Technical curation and metadata by librarians



Creation of new tools

- [Project-based development](#)
- Tailored to the OER field and needs
- Uses AI as support, not as starting point
- Can be further developed
- Puts control in our hands



«Open for Humans, but not for Machines?»

Workshop: Question of the Commons

- We discussed the threats that AI might pose to our information landscape and our educational system.
- There is a new emphasis on «Sovereignty», and especially those teachers that have always embraced the Open movement are reluctant to feed the «beast that can swallow you» and strengthen commercial AI models with more OER materials.
- Apart from this: A new discussion on knowledge security versus openness has arisen, caused by geopolitical changes.

20 Minutes, groups of 4-5

What are the arguments in favour of openly licensed OER in a world with commercial AI tools?

Is CC BY still the right lever for OER?

Discuss in groups and write down your results.
(10-15')

Pick one or two arguments to share with the plenum. (5')



[tinyurl.com/
oer-07092026](https://tinyurl.com/oer-07092026)

Wrap-up – Take away

What's next?

Join the Swiss OER network → **SIG OER** for further discussion.

We want to take action and collaboratively develop the topic of OER in Swiss HEI.

Contact the Co-Chairs (08/2026-08/2028):

Annechien Helsdingen (EPFL),
Mathilde Panes (HEP-L),
Nicole Krüger (ZHAW)



Switch_ Eduhub+

Image Sources

- eine weiße Wand mit vielen Uhren darauf, Donald Wu, Unsplash
- Legal/Law, kaboompics.com, Pexels
- Bunte Farbtöpfe Und Pinsel Auf Sonnenbeschienenen Tisch, Sedanur Kunuk, Pexels
- Grüner Haftnotizzettel auf brauner Oberfläche, Unsplash



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