4TU.Resilience Open Education Resource & Academy

Advisory Board

31 October, 2022





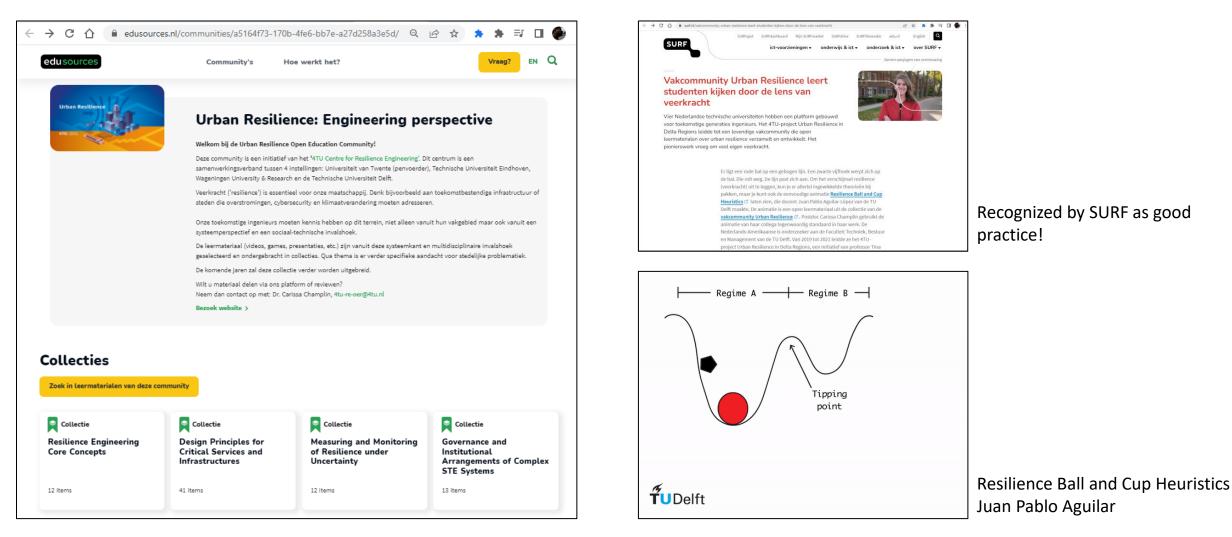


Urban Resilience

In this presentation

- Our strengths, challenges
- Short term actions
- Mid term actions (cooking OER)
- Opportunities suggested by CEE

Strength: A committed team, delivering high quality work



+100 individual materials and sets in Edusources.nl

Strength: Instructions for improving usability/ management/ visibility

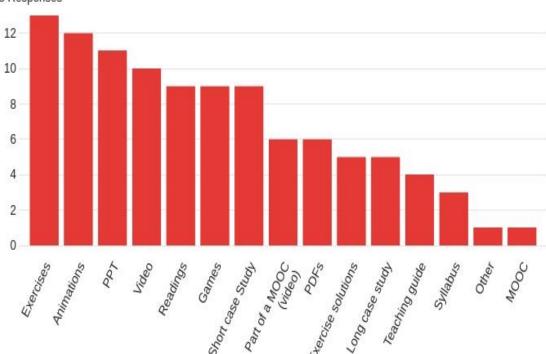


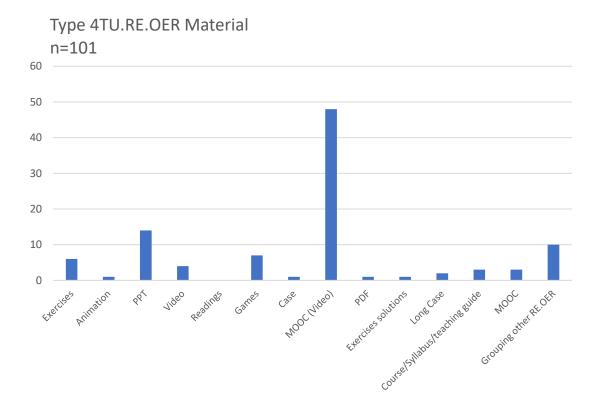
Manual: Platform (in review) Video: How to search?

Engineering Education Home About Innovation Map News Events Publications Contact Q ≡ **4TU Urban Resilience Community Platform** (4TU.RE.OER) PR03ECT ADDED: 05/10/2022 Project introduction and background information Progress C Ongoing This platform of onen educational resources is an initiative of the dTU Centre for Recilience ngineering involving the Delft University of Technology, Eindhoven University of Contacts Technology, University of Twente and Wageningen University and Research. The 4TU RF's community of researchers and educators share the ambition to educate future generations o Dr CA (Camilo Andres ngineers to be able to plan and design systems that are resilient to shocks, while being taptive to changing trends and innovation. Objective and expected outcomes The aim is to publish conceptual teaching materials, comprehensive case studies, and game for lecturers to adapt and adopt for their own teaching purposes

Linked to innovation map 4TU.CEE

Challenges: Mismatch between materials vs. users expectations



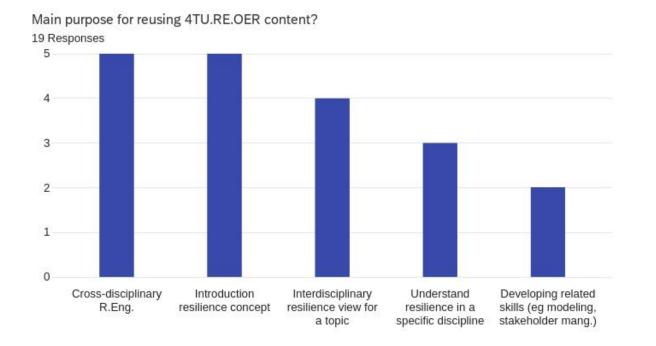


Types of OER you would most likely use? 18 Responses

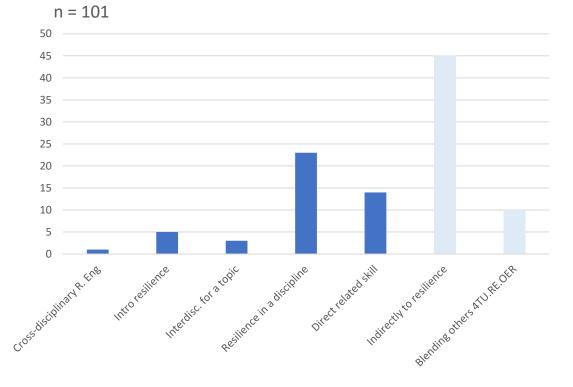
Survey (demand)

4TU.RE.OER materials (supply)

Challenges: Mismatch between materials vs. users expectations



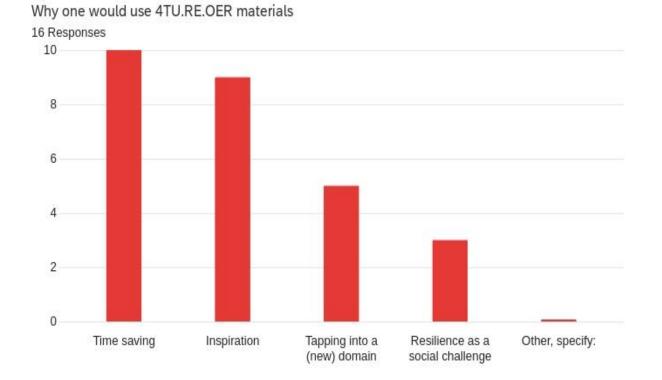
4TU.RE.OER Content



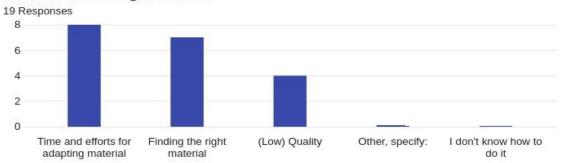
4TU.RE.OER materials (supply)

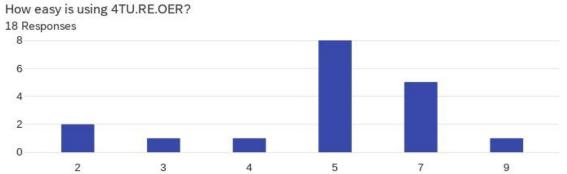
Survey (demand)

Challenges: Mismatch between format vs. users expectations



Main barrier for reusing 4TU.RE.OER





Survey (perception supply)

Survey (demand)

We have material! but we still got to clean/improve their format

Suggestions from the survey:

User-friendly web-site for collection and database

Access (currently need to download too much to access content, cannot quickly view to choose)

Clear layout

Keeping them up to date, having short knowledge clips / videos explaining key concepts

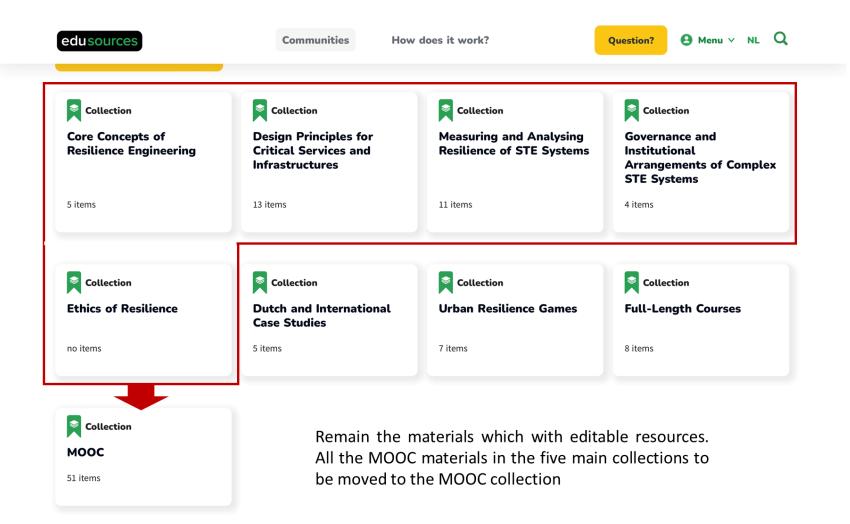
More interactive, and update, as well as publicity

Curated and peer reviewed

Easy how to use manual/ Getting OER more known

Short term:

- Is indirectly-related MOOC "fat", rather than muscle? Find the right place!
- Invite MOOC scholars too! Making sure their material is editable/direct related to resilience
- Build a pipeline of "pending issues" for existing materials (e.g., copyrights)
- SURF is inflexible but we can edit (experiment!) <u>https://www.4tu.nl/resilience/academy/</u>



Mid term 2023 (Cooking OER - Open Education Stimulation Fund 2022/TUDelft (max 20ke)

"Cooking OER" is a 5 min instructional video produced by a teacher that has already engaged in producing and re-using an OER, where they explain how a specific material was produced (and how it is intended to be re-used by other educators). We do not cook alone. "Cooking OER" brings together our existing community and welcomes others to share, reflect and learn"

Outcomes

- 10 Cooking 5 min videos + 1 video on tips for cooking
- 10 tasters (30 seconds) contributors can use in their (e.g., LinkedIn) for personal/professional branding
- Guidelines for cooking

Activities

- Workshop for coaching design/video cooking making
- Student assistants (trained in design and communication)

Level commitment

- 1-day workshop,
- Rethinking (own) materials,
- Making scripts/ recording videos



Other ideas shared by CEE

- Idea for 4TU.Resilience to organize a webinar/seminar for teachers on its OER
- Consider educational (practitioner) conferences to highlight your OER (e.g. SEFI, CDIO, National Interdisciplinary Education conference, CBL conference of TU/e in may 2023)
- o Link up to CEE webinar series
- Book series of 4TU.CEE a book on the topic

