Producing and running a MOOC for the first time
Evaluation from the instructors' perspective

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Outline

• Examples of experiences
• What is the SiEL MOOC?
• “MOOC processes” and roles of the teacher/instructor
• Change in roles over time
• Conclusion
Complicated to complex and back to complicated
Production

How to write a mini-lecture
- 700 words
- 5-7 min
- Talk to the MOOCy
- Only pictures
Energy and week 0

Which forms of carbon are available to plants? (Find the correct answer!)
- Carbon dioxide and carbonate
- Coal and diamond
- Methane and carbon dioxide
- Only Carbon dioxide
Short overlook of the SiEL MOOC

- SiEL = Sustainability in Everyday Life
- Five topics → chemicals, climate, energy, food, globalization
- Design

![Diagram of topics: Energy, Climate change, Food, Globalization, Chemicals with Exam problem at the bottom]
Short literature review

• Surge in number of MOOCs → Increased scrutiny (Kolowich, 2013; Kellogg, 2013; Margaryan et al., 2015)

• Less focus on the role of the teachers and their motivations
  • Teacher’s experience and identity may determine the success of MOOCs (Ross et al., 2014)
  • Experimentation, professional development (Stöhr et al., 2015)
  • Roles during design and early development (Janssen et al., 2016)

• Action research into MOOCs → Design process, participant engagement and experiences (Vivian et al., 2014)
Research method

- Action research approach
  - Grounded in experience, action-oriented and participative (Reason & Bradbury, 2001)
  - Participant observers, collaborative team involved in reasoning, action formulation, and action taking (Baskerville and Myers, 2004)
  - Applied in Janssen et al. (2016) to explore roles of teachers in early design and development of the SiEL MOOC

- Goal in this paper
  - How have our roles changed during the further development and running of the SiEL MOOC?
Our roles during design and early development

- Three processes and six different roles were identified (Janssen et al., 2016)
- Roles and processes are closely linked
- Assumed roles and ability to switch have been instrumental
- Sense of ownership was a strong driver
Our roles during further development and running the MOOC

- Agility became key → Interaction more important
  - Facilitators
  - Problem solvers
- Teacher role changed → Focus from colleagues to MOOCies
  - Discussion forum
  - Update videos
Conclusion

- Action research approach
  - MOOCs
    - Roles of teachers
- Different roles in different processes, roles change over time
- Personal notes
  - You learn a lot
  - Keep things complicated, not complex
Thank you for your attention!

Any questions?