



Is a MOOC useful?

Massive Open Online Course



- Professor Bente E. Moen, Centre for International Health, University of Bergen

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Characteristics of a MOOC

- ☐ Free, open for everyone
- ☐ Technical platform making many participants possible
- ☐ Online
- ☐ Flexible
- ☐ No exam (we have an exception)

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MOOC: Occupational Health in Developing Countries

- Why? To make a difference - we have a vision
- Reflexions after 6 runs of the course
- Started 2016

- Trailer:

<https://www.futurelearn.com/courses/occupational-health-developing-countries>

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Content

- ▣ 6 weeks; totally flexible
- ▣ Each week had 4 «lectures», with:
 - ▣ - Introduction video
 - ▣ - Texts to read
 - ▣ - Smaller videos
 - ▣ - Discussions
 - ▣ - Polls
 - ▣ - Quizzes

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Exam - certificate

Fullfilment of course and final test –
Certificate – Can be bought-£36.90 GBP

Exam - gives credits at UiB – 3 ECTS

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How the MOOC was developed

Team work – Occupational medicine



DigUiB!

Language editor: Elinor



Norad project partners – Ethiopia/Tanzania

Simon Mamuya
Akwilina Kayumba
Wakgari Deressa



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A lot of thinking and writing



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Filming in Tanzania and Ethiopia



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Filming/text parts in Bergen museum



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Stand on a rock and remember lines...



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Reading lines for videos



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Results

153 countries Afrika, Asia (majority)

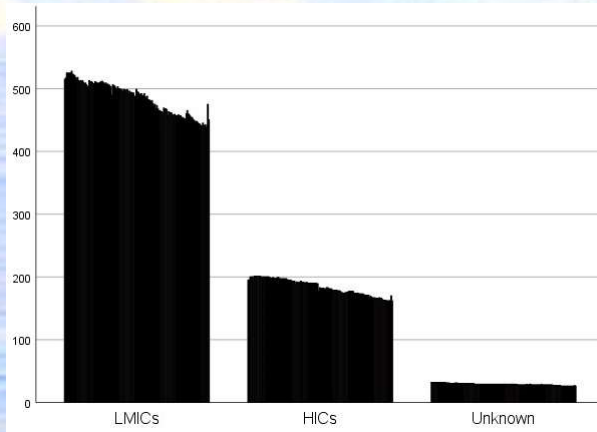
No technical problems reported

Great discussions

Thanks and invitations

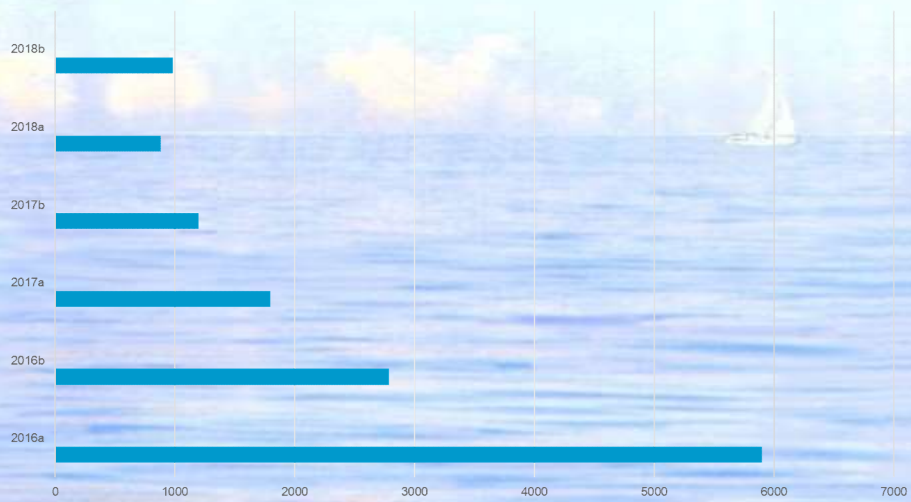
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Activity in the MOOC



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MOOC participants



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Exams

- ▣ Hard work to pass the bureaucracy at UiB – a lot of registration obstacles
- ▣ Ends up with about 20 passed
The exam each time (3 exams)

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There are references to read...

- ▣ Zhao F et al. The comparison of teaching efficiency between massive open online courses and traditional courses in medicine education: a systematic review and meta-analysis. *Ann Transl Med* 2018;6(23):458
- ▣ Goldberg LR et al. Advances in medical education and practice: role of massive open online courses. *Advances in Medical Education and Practice* 2017;8 603–609
- ▣ Sneddon J et al. Development and impact of a massive open online course (MOOC) for antimicrobial stewardship. *J Antimicrob Chemother* 2018; 73: 1091–1097

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Is it worth it?

Pros

- Great marketing
 - of the topic
 - of UiB
- Repetition possible
- Maybe the alternative is no credits

Cons

- Work consuming
 - much work
 - requires special skills and resources
- Costly
- Few credits...

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Pros and cons might be discussed, but SUBJECTIVELY:

IT IS REALLY FUN!

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