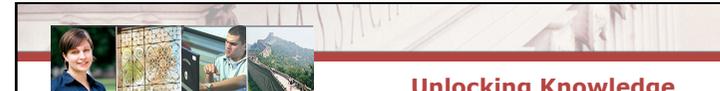


オープンコースウェアの最近の動向

菅川 兼 2009.8月

MITOPENCOURSEWARE  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

## Unlocking Knowledge Vision

"OCW expresses MIT's goal of advancing education around the world through a global community in which knowledge and ideas are shared openly for the benefit of all."

— Susan Hockfield,  
President of MIT



2 Unlocking Knowledge, Empowering Minds

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## Unlocking Knowledge Momentum building

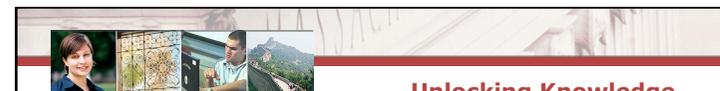
"So we're going to support the creation of a new online, open-source clearinghouse of courses so that community colleges across the country can offer more classes without building more classrooms."

— Barack Obama  
President



3 Unlocking Knowledge, Empowering Minds

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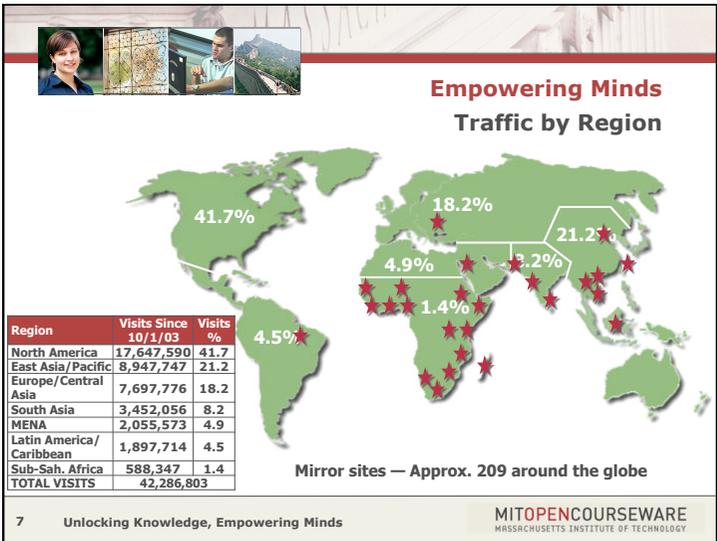
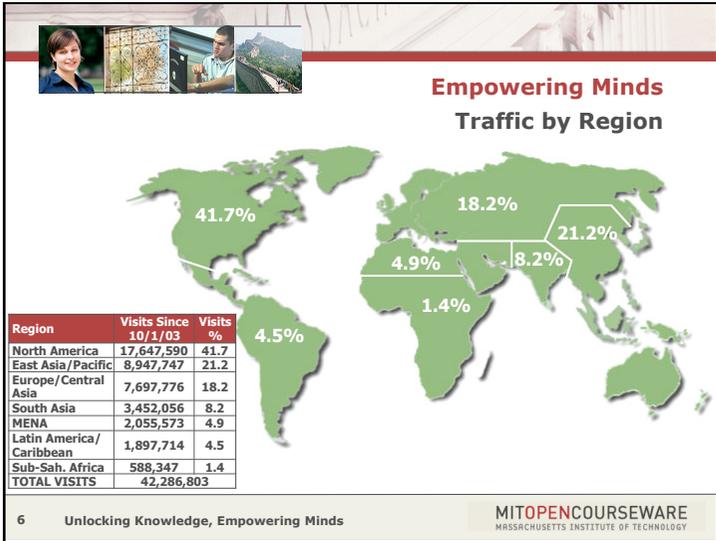
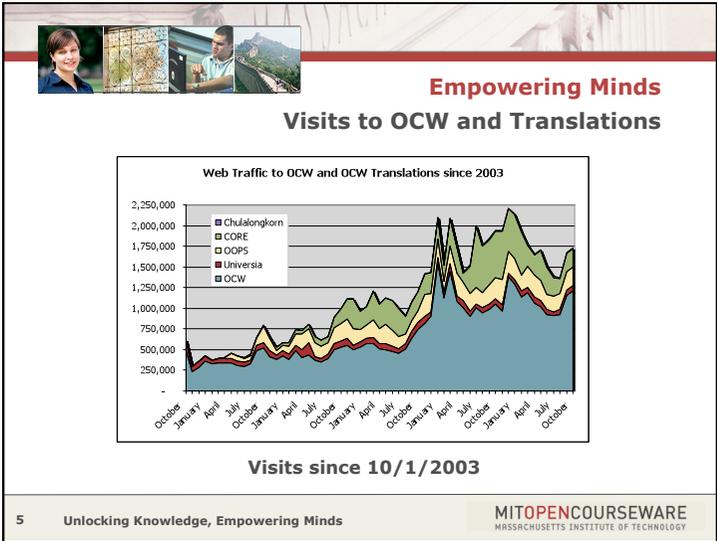
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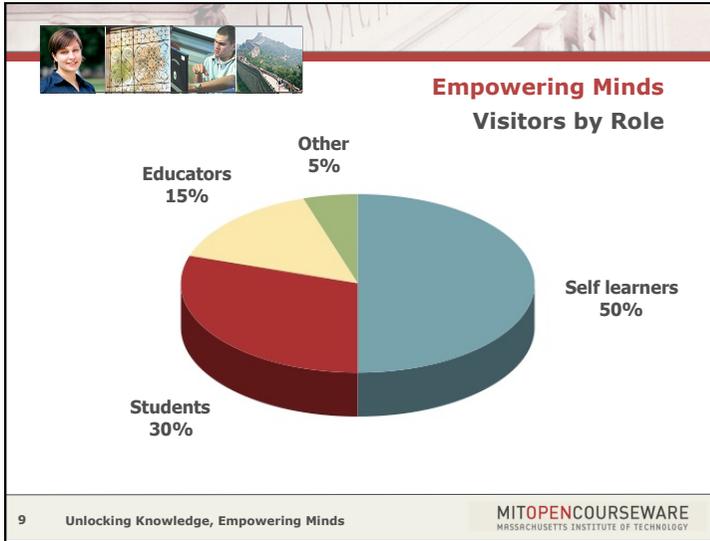
4 Unlocking Knowledge, Empowering Minds

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**Empowering Minds**  
Traffic by Country – Oct 08

Country	Visits
1 United States	569,687
2 China	141,308
3 India	90,233
4 South Korea	60,763
5 Canada	42,820
6 United Kingdom	40,465
7 Iran	24,653
8 Turkey	24,651
9 Japan	24,557
10 Germany	22,832
11 Brazil	17,550
12 France	16,710
13 Australia	14,724
14 Italy	13,765
15 Egypt	12,871
16 Singapore	12,720
17 Spain	12,014
18 Pakistan	11,780
19 Mexico	9,564
20 Vietnam	9,020



**Empowering Minds  
Student Use**

**Kunle Adejumo**  
Engineering student at Ahmadu Bello University in Zaria, Nigeria, develops a deeper understanding of his class topics with OCW.

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**Empowering Minds  
Student Use**

*"Last semester, I had a course in metallurgical engineering. I didn't have notes, so I went to OCW. I downloaded a course outline on this, and also some review questions, and these helped me gain a deeper understanding of the material."*

11 Unlocking Knowledge, Empowering Minds MITOPENCOURSEWARE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

**Empowering Minds  
Benefits to MIT**

- Connecting with students and alum; improving teaching/learning; fostering international engagement

Among freshmen who knew of OCW before choosing MIT:

- 35% say OCW influenced their choice significantly

Used by:

- 90% of students
- 84% of faculty
- 50% of alumni and staff

12 Unlocking Knowledge, Empowering Minds MITOPENCOURSEWARE MASSACHUSETTS INSTITUTE OF TECHNOLOGY



## Empowering Minds MIT Faculty Use

Mechanical Engineering

In teaching 10.492, I needed a mathematical tool for finding roots of non-linear equation systems. I knew that Ken Beers of our department had been teaching the 10.34 graduate course in applied mathematics. Hence, I went to the OCW site and discovered that he had included some useful bits of Matlab code. It wasn't too difficult to adapt it for my needs.

Barry Johnston



## Highlights for High School Innovate on the Platform

Highlights for High School - Nov. 28

- Organizes ~70 introductory courses
- Maps ~2,600 resources to US AP curriculum
- Provides materials to inspire STEM study



## The Global OCW Consortium Inspire a Movement

Other OCWs:

- 200+ institutions
- 100 live OCW sites
- ~6,400 courses



## Extending the OCW Model

[Stanford Engineering Everywhere](#)

[Yale Open Courses](#)



**Thank You!**

Visit MIT OpenCourseWare online at  
<http://ocw.mit.edu>

