

オープンコースウェアの最近の動向

宮川繁 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

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Unlocking Knowledge

Open License

Obliges users to meet three use requirements:

- Use must be non-commercial
- Materials must be attributed to MIT and original author or contributor
- Publication or distribution of original or derivative materials must be offered freely under identical terms, or "share alike"

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Empowering Minds
Visits to OCW and Translations

Web Traffic to OCW and OCW Translations since 2003

Visits since 10/1/2003

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Empowering Minds
Traffic by Region

Region	Visits Since 10/1/03	Visits %
North America	17,647,590	41.7
East Asia/Pacific	8,947,747	21.2
Europe/Central Asia	7,697,776	18.2
South Asia	3,452,056	8.2
MENA	2,055,573	4.9
Latin America/ Caribbean	1,897,714	4.5
Sub-Sah. Africa	588,347	1.4
TOTAL VISITS	42,286,803	

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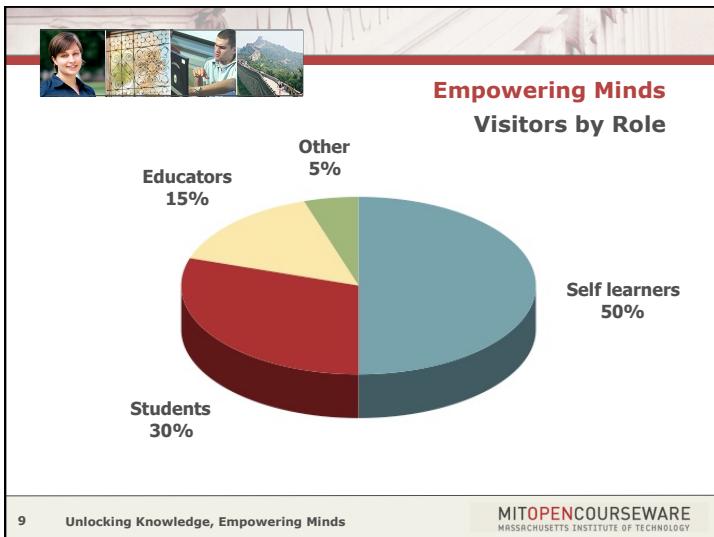
Mirror sites — Approx. 209 around the globe

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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

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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.**"

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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

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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

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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



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The Global OCW Consortium Inspire a Movement

Other OCWs:

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



JHUOPENCOURSEWARE
Johns Hopkins University



OpenCourseWare
Universidad Politécnica de Madrid



KYOTO UOPENCOURSEWARE
Kyoto University

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Extending the OCW Model

[Stanford Engineering Everywhere](#)

[Yale Open Courses](#)

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