

November 24, 2006

Unlocking Knowledge, Empowering Minds

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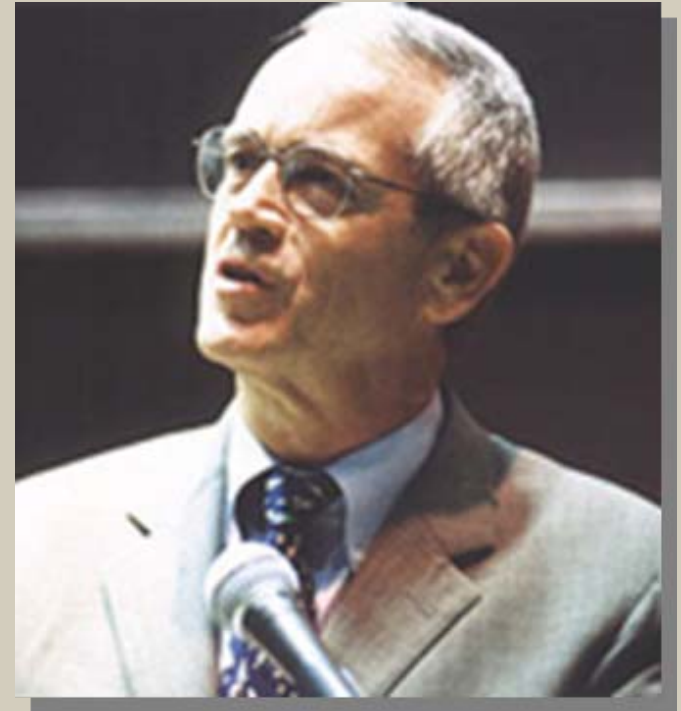
OpenCourseWare – Opposite of “MIT.com”

- Work began in the spring of 1999
 - A committee was appointed by the provost to explore MIT’s e-learning strategy
 - The committee rejected a “dot.com” approach
 - There was a strong sentiment that teaching materials produced by the faculty should not be the basis for a business venture

The Big Idea - Vision

“OpenCourseWare expresses our belief in the way education can be advanced — by constantly widening access to information and by inspiring others to participate.”

— *Charles M. Vest,
President Emeritus of MIT*



The Original Vision—In Three Stages

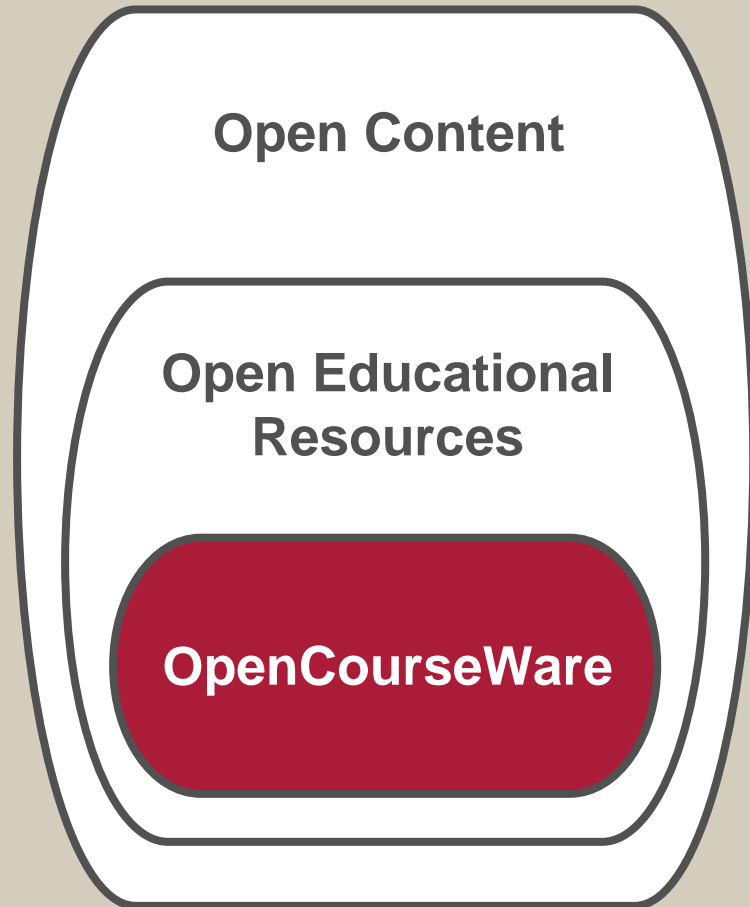
> In Three Stages:

- **MIT should create the OpenCourseWare “model”**
- **Encourage other institutions to launch their own opencoursewares**
- **Connect all the opencoursewares into a huge, global resource of high-quality educational materials, freely licensed and open to all**

> Why “courseware”?

- **Education in a university is typically organized as self-contained courses -- and it works!**
- **Echoes the open-source software movement**

The Big Idea - OCW defined



Open Content - any kind of creative work that explicitly allows the copying of the information.

(http://en.wikipedia.org/wiki/Open_content 10/6/2006)

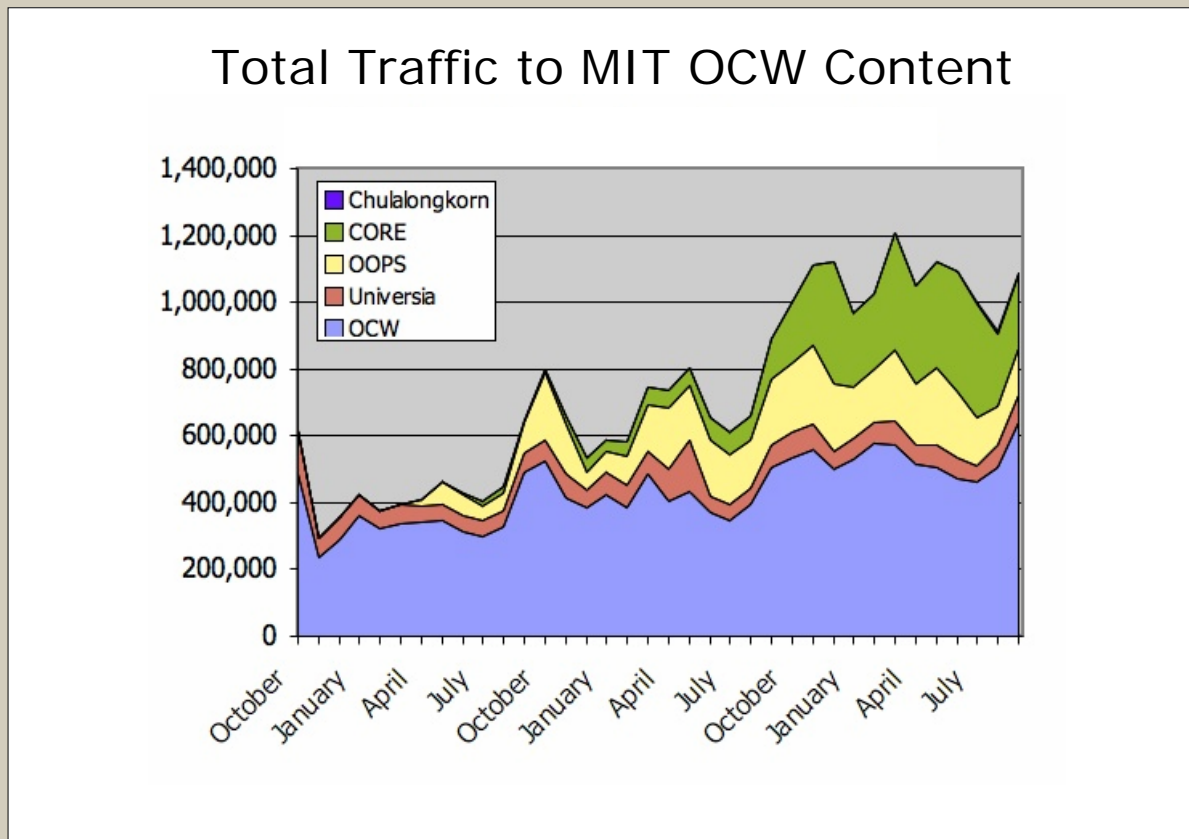
Open Educational Resources - digitized materials offered freely and openly to use and re-use for teaching, learning and research.

(http://en.wikipedia.org/wiki/Open_educational_resources 10/6/2006)

OpenCourseWare - A free and open digital publication of high-quality educational materials, organized as courses.

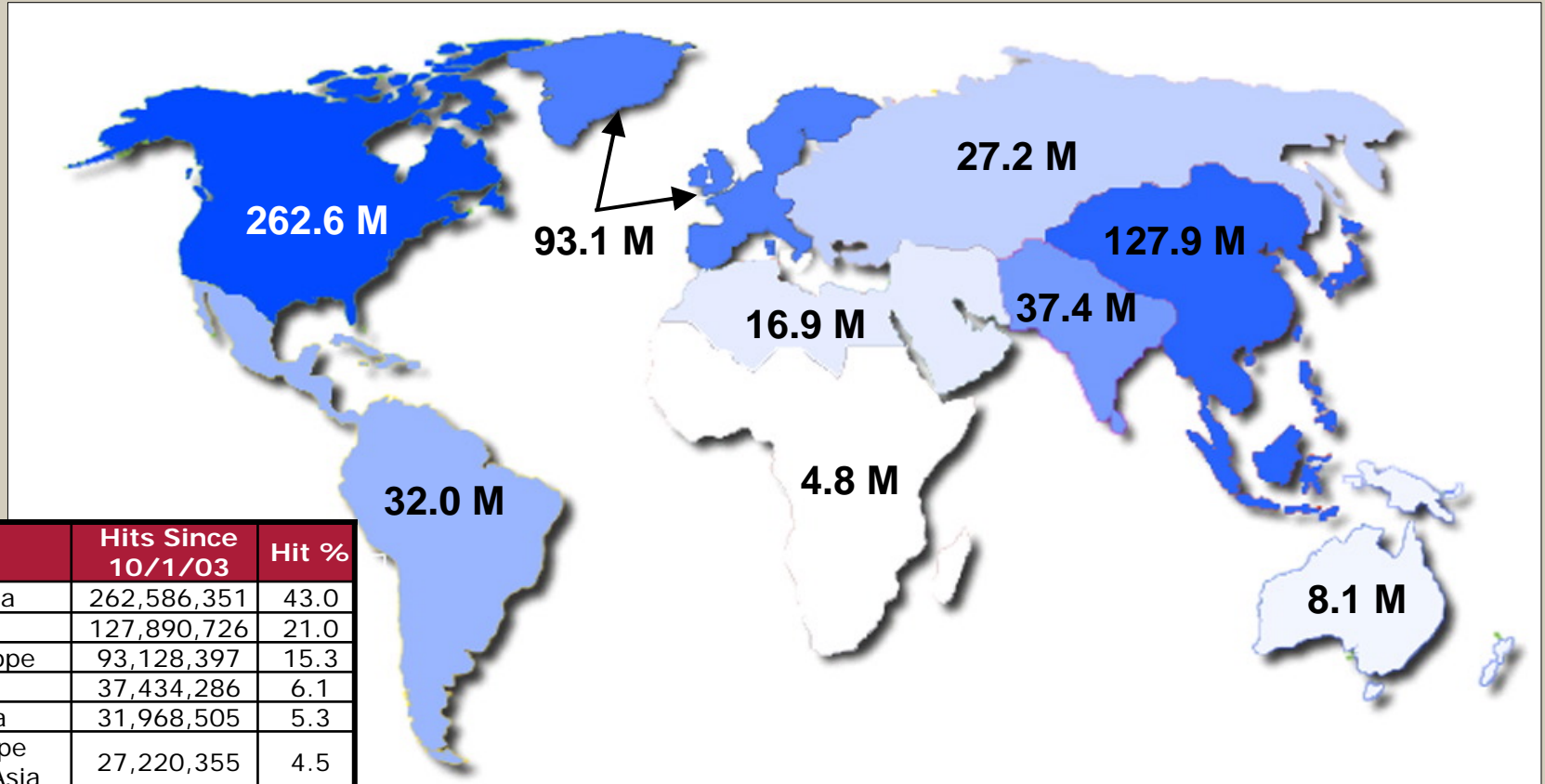
(<http://ocwconsortium.org/about/> 10/6/2006)

Making a Difference - Over 1 million users every month



Traffic by World Bank Geographic Region

In Web hits, since October 1, 2003



Region	Hits Since 10/1/03	Hit %
North America	262,586,351	43.0
East Asia	127,890,726	21.0
Western Europe	93,128,397	15.3
South Asia	37,434,286	6.1
Latin America	31,968,505	5.3
Eastern Europe and Central Asia	27,220,355	4.5
MENA	16,872,205	2.8
Pacific	8,140,173	1.3
Sub-Saharan Africa	4,763,230	0.8
TOTAL HITS	610,004,228	

Making a Difference – Benefits for MIT

> Institute-level benefits

- **Advances MIT's institutional mission**
- **Enhances MIT's image around the world**
- **Generates community pride (alumni)**
- **Stimulates collaboration among faculty**

> Department-level benefits

- **Showcases individual departments and their curricula**
- **Enhances faculty and student recruitment efforts**
- **Accelerates adoption of the Web**

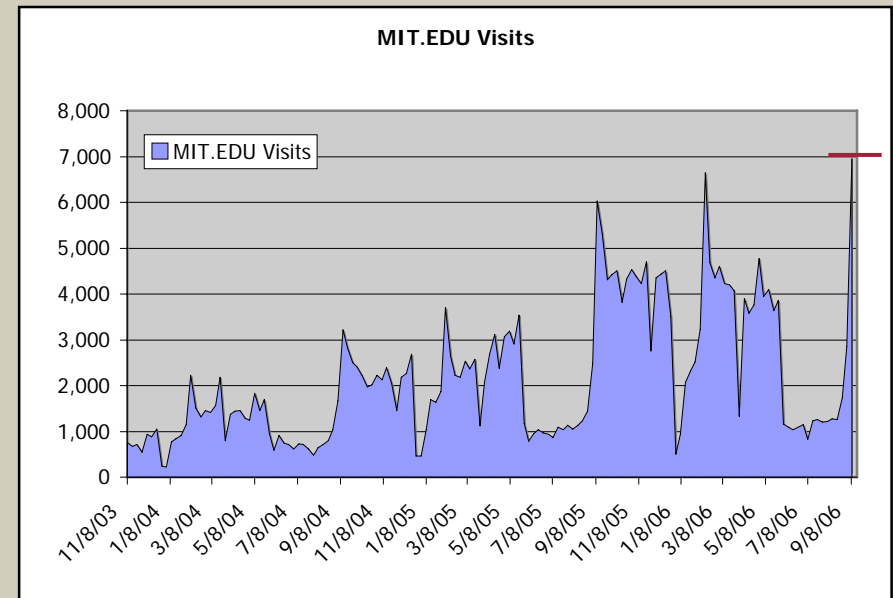
Making a Difference – MIT Faculty Use

- > 80 percent of MIT's faculty are now participating in MIT OCW
- > 40% of faculty using MIT OCW report that the site is a helpful tool in revising/updating courses
- > 38% of faculty use the site for advising students

Making a Difference – MIT Student Use

- More than 300,000 visits from MIT.EDU since 11/1/03
- 35% of Fall 2005 freshmen aware of OCW prior to attending MIT say the site was a significant influence on their school choice
- 71% of all MIT students use OCW in their research and studies

“OCW was one of the main reasons why I decided to come here and not another university--it provided a good understanding of what I was going to get ... that's the reason why I ended [up] here, and not in Stanford or Columbia.” (MIT Graduate Student)



Emerging OpenCourseWare Projects

United States

- Harvard Law School
Berkman Center
- Johns Hopkins
School of Public Health
- Tufts University
- University of Michigan
School of Information
- University of Notre Dame
- Utah State University

China (CORE)

- Peking University
- Tsinghua University
- Beijing Jiaotong University
- Dalian Univ. of Technology
- Central South University
- Xi'an Jiaotong University
- Central Radio & TV Univ.
- Sichuan University
- Zhejiang University
- Beijing Normal University
- Plus 146 more

France

- Telecom Paris
- Ecole Polytechnique
- Techniques Avancées
- Ponts et Chaussées
- Ecole des Mines de Paris
- Chimie Paris
- Physique-Chimie
- Agronomie
- Statistiques et Economie
- Eaux et Forêts
- Arts et Métiers

Japan

- Keio University
- Kyoto University
- Kyushu University
- Hokkaido University
- Nagoya University
- Osaka University
- Tokyo Institute of
Technology
- University of Tokyo
- Waseda University

Spain

- U. Politécnica de Madrid
- U. Santiago de Compostela
- U. Barcelona
- U. Islas Baleares
- U. Rovira i Virgili
- U. Jaume I
- U. Murcia
- U. Alicante
- U. Politécnica de Valencia
- U. Autónoma de Madrid
- U. Complutense de Madrid
- U. Sevilla

Portugal

- U. Aveiro

Vietnam

- FETP OpenCourseWare

India

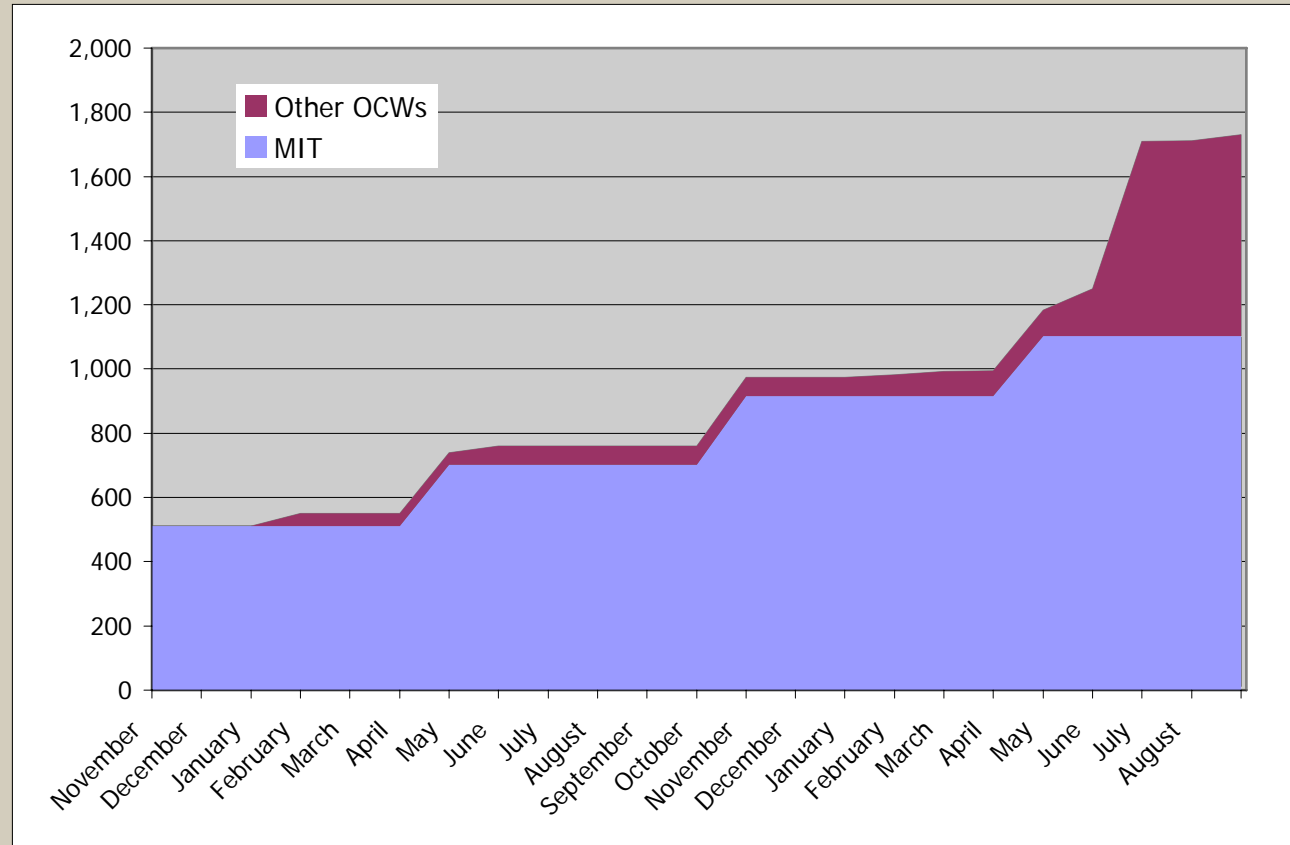
- Rai University
- Somaiya Vidyavihar

Open Courses Now Available on the Web

Total OCW Courses Available, 10/03 - 6/05

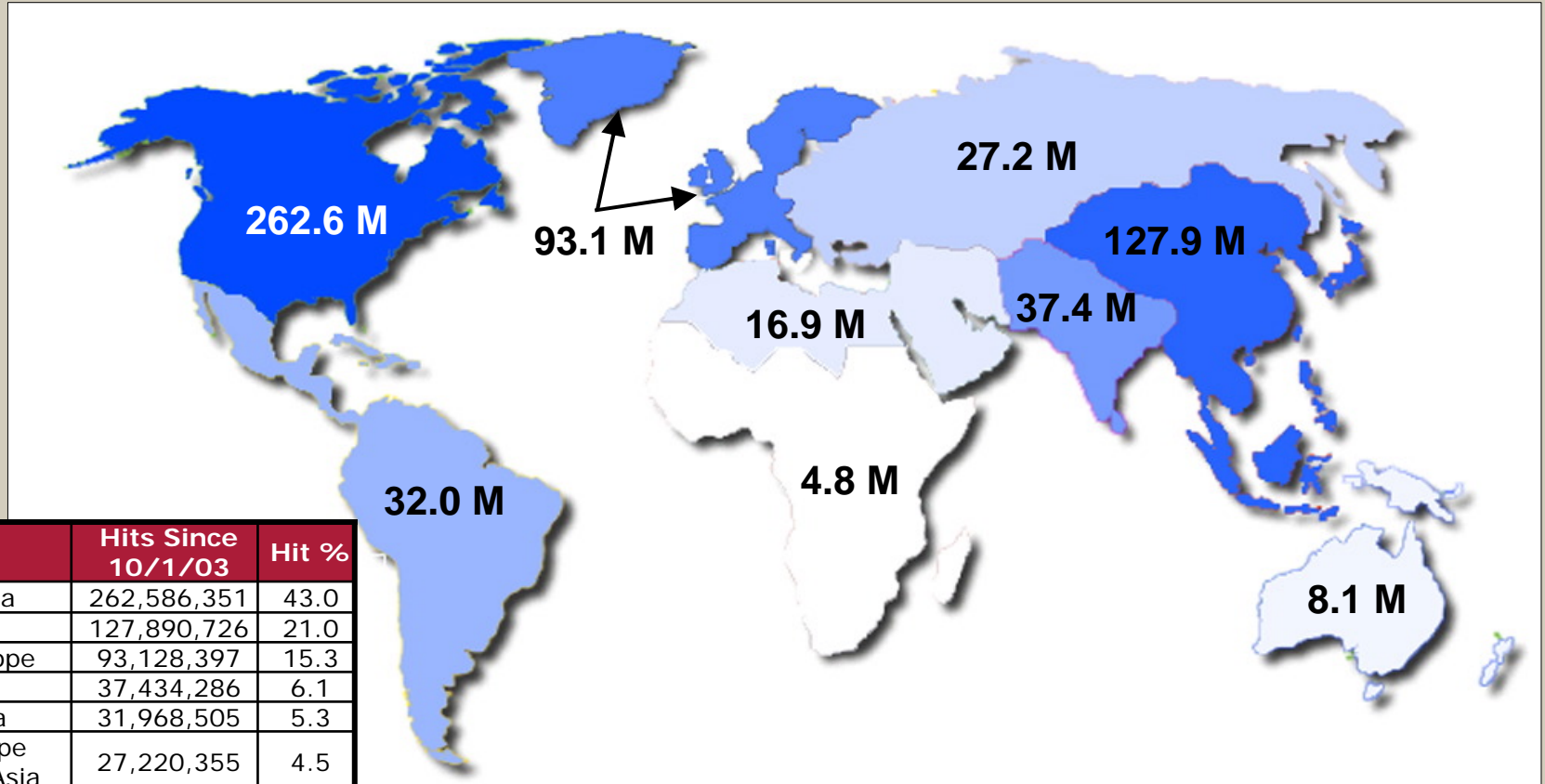
Other OCWs include:

- > Johns Hopkins School of Public Health
- > Tufts University
- > Utah State University
- > Japan OCW Alliance
- > CORE
- > FETP
- > ENSTA



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MITOPENCOURSEWARE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

United Nations: Declaration of Human Rights

Everyone has the right to education...

Declaration of Human Rights, Article 26

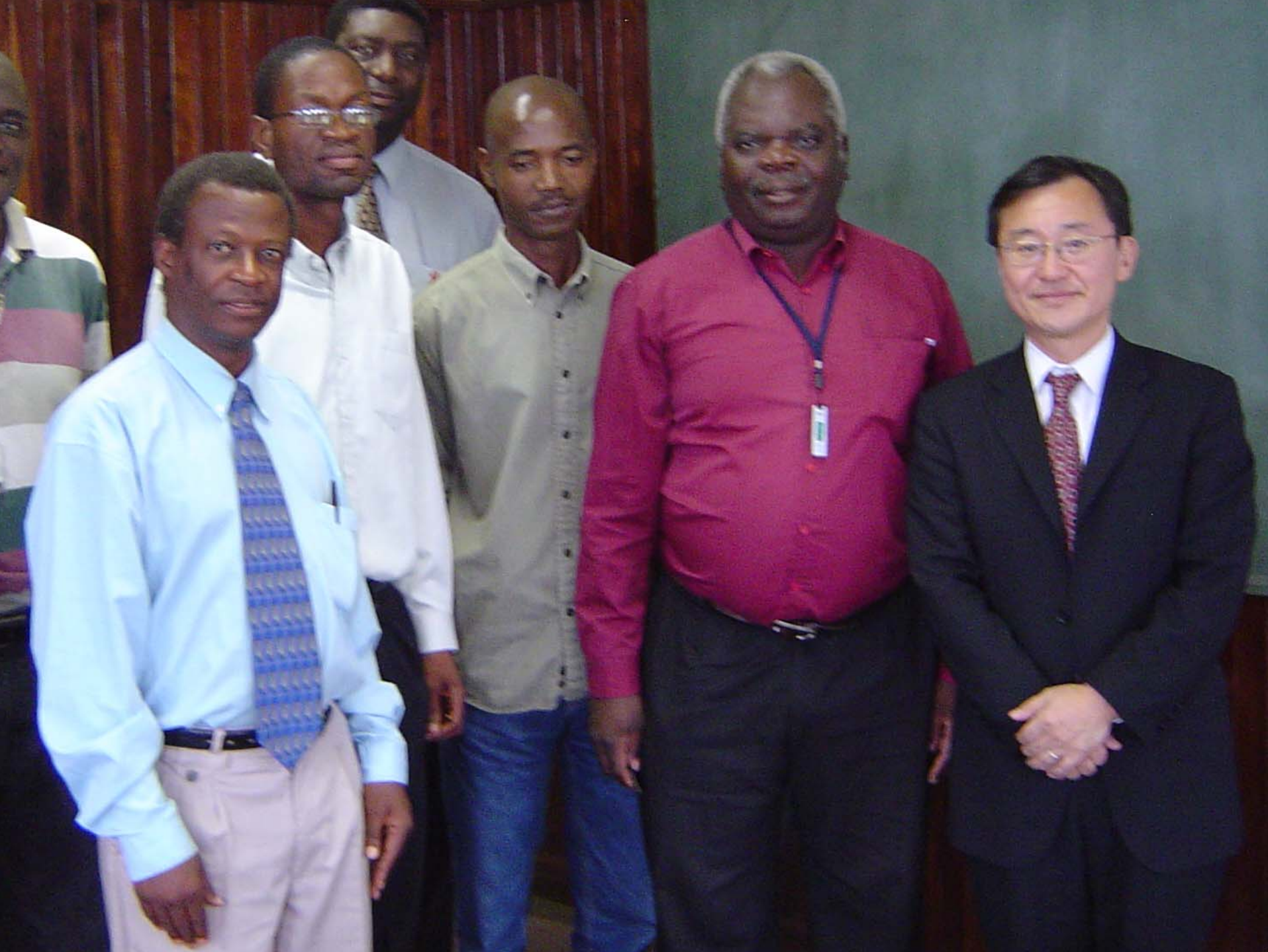
The Millennium Declaration

To ensure that, by the same date, children everywhere, boys and girls alike, will be able to complete a full course of primary schooling and that girls and boys will have equal access to all levels of education.



THE UNIVERSITY OF ZAMBIA







REPUBLIC OF CAMEROON
REPUBLIQUE DU CAMEROUN



MINISTRY OF SECONDARY EDUCATION

MINISTERE DES ENSEIGNEMENTS SECONDAIRES



GOVERNMENT BILINGUAL



HIGH SCHOOL

LYCEE BILINGUE DE LIMBE

MOTTO: DISCIPLINE HARDWORK & SUCCESS

P.M.B:105

TEL:.....





Making a Difference – Challenges/barriers

- Faculty participation (currently 80% participating)
- Third-party intellectual property
- Technology
- Sustainability

MITOPENCOURSEWARE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY



Thank You!

<http://ocw.mit.edu>

<http://www.ocwconsortium.org>

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