Application & Development of OER in China

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I. OER Survey in China
Basic information

- Population: 1,339,724,852
- Household: 40152
- Urban population: 665,570,000 --- 49.68%
- Rural population: 674,150,000 --- 50.32%
- Nationalities: 56
- Han nationality --- 91.5%
- Minority people --- 8.4%

Data extracted on 12 April, 2012 from National Bureau of Statistics of China
Basic Data of ICT Application

- By 2011, more than 513 million people can get access to internet;
- More than 356 million people use mobile to access internet;
- There are 7,750,000 domain names with .cn of 3,530,000;
- The age between 30-39 has increased by 25.7%;
- The average time to be online per week is 18.7 hours in 2011;

Data extracted on 12 April, 2012 from China Internet Network Information Center (CNNIC)
II. OER Developing Trend in China
2. 1(1) China’s government-supported practice

- The initiative implementation of National Essential Courses was started in 2003;
- The aim is to facilitate ICT application in university teaching and allow quality resources to be shared via demonstration teaching by first-class teachers, content, method, materials and management;
- 2003-2010: 3862 courses from 746 institutions
  (Source: http://www.jingpinke.com/about/jinppinke)

Website: http://www.jingpinke.com
China University’s Open Audio-Visual Courses

- Started on November 9, 2011
- The first batch: 20 courses
- The audience: free to university students and the general public
- Topics:
  1. China traditional culture
  2. Achievements of human civilization
  3. Tropical issues of science and technology

Website: http://www.icourse.edu.cn
2.1 (2) China’s government-supported practice

2003 – Online Alliance of National Teacher Education (8-14 universities and publishing press)

- Free excellent course resources for normal students
- Free master of DE for normal graduates
- Quality resources for primary and secondary school teachers

Website - http://www.jswl.cn
2. 1(3) China’s government-supported practice

2004 – National Modern Distance Education Network

- The project was supported by the Ministry of Education
- Media
- Course
- Specialty
- Topic

Website – http://www.mder.com.cn
2.1(4) China’s government-supported practice

2008 – National E-learning Resource Center (Learning Platform)

- Under E-Learning Resource Alliance
- Integrate quality learning resources from home and abroad;
- Construct/share/exchange programs
- Organize and implement research topics of application of sharing resources

Website: http://www.nerc.edu.cn
2. 2(1) Institution efforts in promoting OER

(1) The Open University of China

- Education channel to provide TV programs to the general public since its inception;
- Agricultural training programs for the local peasants;
- For rural university students--- http://www.cunguan-edu.cn
- OUC openclass--- http://openclass.open.edu.cn/
2. 2(2) Institution efforts in promoting OER

- August, 2010 BTVU and Sun Yat-Sen University started to offer OER through iTunes U;
- The aim to join in iTunes U lies in two respects (1) earn good image (2) forge new strategy to use technology in teaching and learning
- Benefits gained:
  (1) the influence of the university increased
  (2) the capability to develop internationalized courses increased
  (3) New teaching modes for mobile learning has been explored
2. 3(1) Social impetus

- Chaoxing Group
- Integrate well-known professors, excellent courses and open classroom;
- Excellent courses from home and abroad
- More than 800 personnel for shooting the open courses
- Signing agreement with university professors

- [http://www.21shipin.com/](http://www.21shipin.com/)
- [http://opencla.cntv.cn/](http://opencla.cntv.cn/)
- [http://open.163.com/](http://open.163.com/)
2. 3(2) Social impetus

- Forum of experts and scholars on CCTV
- Establish a bridge between scholars and masses
- Popularize excellent traditional culture
- Well-received by the general public

Website: http://cctv.cntv.cn/lm/baijiajiangtan
III. Further discussion
3.1 Social obstacles

- Culture factors of traditional hierarchical influence penetrated
- Prevailing phenomenon for diploma only, not for real knowledge seeking and personal enrichment
- Oriental thinking idea and attitude towards innovation
3.2. The issue of quantity & quality

- Not enough OER resources to meet demands from the diversified learning groups
- Not perfect criteria to evaluate quality resources
- Not plenty of faculty members with competence and enthusiasm to develop quality OER from the institutions
3.3. Sustainability

- Policy
- Technology
- Investment
- Copyright
- Language
- Collaboration
- Training
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