OER of Higher Education in Taiwan

OCW, MOOCs and Open Textbooks

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Taiwan Open Course and Education Consortium
OCW in Taiwan (2006~)

1 OCW consortium – TOCEC (2008)

- TOCEC = Taiwan Open Course and Education Consortium
  - Founded year: 2008
  - Old Name: Taiwan OpenCourseWare Consortium (TOCWC)
  - 20 OCW members
  - 1311 complete video OCW courses
E-Learning → OCW

- OCW was one of the most successful e-learning project launched in Taiwan.

![Diagram](https://iite.unesco.org/publications/3214734/)

**Rise of Internet & Digital Technology** → **Make Information More Accessible** → **Openness**
OCW in Taiwan

Statistics of Total OCW Usage

<table>
<thead>
<tr>
<th>Year</th>
<th>Page Views</th>
<th>Sessions</th>
<th>Unique Visitors</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>8,309,073</td>
<td>1,423,050</td>
<td>751,108</td>
</tr>
<tr>
<td>2013</td>
<td>17,450,050</td>
<td>2,125,422</td>
<td>2,102,977</td>
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<tr>
<td>2014</td>
<td>20,045,469</td>
<td>3,521,202</td>
<td>4,448,748</td>
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<tr>
<td>2015</td>
<td>23,934,541</td>
<td>2,658,927</td>
<td>5,616,888</td>
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<td>2016</td>
<td>24,251,200</td>
<td>3,079,607</td>
<td>6,348,834</td>
</tr>
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<td>2017</td>
<td>26,313,197</td>
<td>3,161,738</td>
<td>6,885,111</td>
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<tr>
<td>2018</td>
<td>21,866,781</td>
<td>5,820,340</td>
<td>5,820,340</td>
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<tr>
<td>2019</td>
<td>18,933,035</td>
<td>5,192,663</td>
<td>5,192,663</td>
</tr>
</tbody>
</table>
OCW in Taiwan

Number of Total New OCW units

2012 ~ 2019
Total Number of OCW units = 20680
Total Number of Video OCW units = 19384
Total Number of Handout OCW units = 8617
OCW in Taiwan

High Popularity of OCW in Taiwan

- Most of OCW course are the video OCW.
- Most of our members assigned their excellent teachers to provide OCW of their favorite classes.
- Our members offered OCW of their special featured research field, which assured the breadth and depth of OCW.
- Most of OCW provide the complete lectures of the classes.
OCW in Taiwan

Challenges of OCW in Taiwan

- Financial Support Problem
- Band Width Problem
- Student Attendance Problem
- Learning Effect Problem
OCW (2006~2020) vs. MOOCs (2013~2020)

Number of MS/MA Theses

Keyword = OpenCourseWare or 開放式課程
Total = 40

Keyword = MOOC or MOOCs or 磨課師
Total = 146
MOOCs in Taiwan (2013 ~ 2020)

1 MOOCs consortium and 4 main MOOC Platforms
MOOCs in Taiwan (2013 ~ 2020)
Technology Boost of Digital Learning

- Platform Technology Research
- Effective Video Research
- Pedagogy Research
- Business Model Research
- Communication Technology Research
MOOCs in Taiwan (2013 ~ 2020)
Number of MOOCs and Learners on ewant and TaiwanLIFE

Total Number of MOOCs on ewant

Number of Learners

 OE GLOBAL 2020
Connecting the global open education community
16-20 November, 2020

Courtesy from
MOOCs in Taiwan

Role and challenge of MOOCs in Taiwan

MOOCs Platforms
- Running Cost
- Business Model

MOOCs Courses
- Credit Hours Equivalency
- Learning Effect

OCW

University Administration

Professors

Students
Open Textbooks in Taiwan (2019~)

In Taiwan, the open textbooks project was launched in 2019.

- 10 open textbooks seminars
- 41 reviews of open textbooks
- 14 courses adopting open textbooks
- 1 published open textbook
- 1 MS/MA research focusing on open texts
Thank You for listening!