An update on ASEAN Citation Index (ACI) Database
An update on ASEAN Citation Index (ACI) Database

August 31, 2012

Topics

• Why national (TCI database) and ASEAN databases are required?

• Concept for ASEAN Citation Index (ACI) Database.

• Possible implementation plans for establishment of ACI database.

• Benefits

• Q & A and discussion sessions
### Publications of ASEAN researchers in TCI database between 2002-2011 (as of Sep 2011)

<table>
<thead>
<tr>
<th>No.</th>
<th>Country</th>
<th>No. of articles</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Malaysia</td>
<td>717</td>
</tr>
<tr>
<td>2</td>
<td>Viet Nam</td>
<td>103</td>
</tr>
<tr>
<td>3</td>
<td>Indonesia</td>
<td>94</td>
</tr>
<tr>
<td>4</td>
<td>Singapore</td>
<td>93</td>
</tr>
<tr>
<td>5</td>
<td>Philippines</td>
<td>77</td>
</tr>
<tr>
<td>6</td>
<td>Lao PDR</td>
<td>55</td>
</tr>
<tr>
<td>7</td>
<td>Cambodia</td>
<td>36</td>
</tr>
<tr>
<td>8</td>
<td>Myanmar</td>
<td>28</td>
</tr>
<tr>
<td>9</td>
<td>Brunei Darussalam</td>
<td>13</td>
</tr>
</tbody>
</table>

### Publications for Worldwide, Asiatic and ASEAN during 1996-2010 in SCOPUS

<table>
<thead>
<tr>
<th>Years</th>
<th>Worldwide</th>
<th>Asiatic</th>
<th>ASEAN</th>
</tr>
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<tbody>
<tr>
<td>1996</td>
<td>1,124,261</td>
<td>159,052</td>
<td>6,132</td>
</tr>
<tr>
<td>1997</td>
<td>1,150,355</td>
<td>171,533</td>
<td>7,232</td>
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<tr>
<td>1998</td>
<td>1,142,426</td>
<td>178,062</td>
<td>7,372</td>
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<tr>
<td>1999</td>
<td>1,151,601</td>
<td>187,781</td>
<td>8,675</td>
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<tr>
<td>2000</td>
<td>1,221,158</td>
<td>199,746</td>
<td>9,806</td>
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<tr>
<td>2001</td>
<td>1,318,342</td>
<td>217,054</td>
<td>9,769</td>
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<tr>
<td>2002</td>
<td>1,350,850</td>
<td>218,864</td>
<td>10,406</td>
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<tr>
<td>2003</td>
<td>1,413,906</td>
<td>251,756</td>
<td>12,955</td>
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<td>2004</td>
<td>1,565,695</td>
<td>296,032</td>
<td>14,059</td>
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<tr>
<td>2005</td>
<td>1,730,364</td>
<td>370,477</td>
<td>17,876</td>
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<tr>
<td>2006</td>
<td>1,811,071</td>
<td>416,089</td>
<td>22,096</td>
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<tr>
<td>2007</td>
<td>1,891,849</td>
<td>447,061</td>
<td>23,663</td>
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<tr>
<td>2008</td>
<td>1,924,519</td>
<td>487,563</td>
<td>28,188</td>
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<tr>
<td>2009</td>
<td>2,159,231</td>
<td>595,908</td>
<td>34,792</td>
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<tr>
<td>2010</td>
<td>2,406,772</td>
<td>666,569</td>
<td>42,941</td>
</tr>
<tr>
<td>Total</td>
<td>23,362,400</td>
<td>4,863,547</td>
<td>255,962</td>
</tr>
<tr>
<td>Growth</td>
<td></td>
<td>114%</td>
<td>319%</td>
</tr>
</tbody>
</table>

*at May 11, 2012*
ASEAN Citation Index (ACI) concept

What we are doing are:

- **Plan A**: Encourage all ASEAN members to set up your own national database using lessons learned by TCI. This has been found to be extremely difficult!!.

- **Plan B**: Thailand has invested 3 year funding to TCI to start up the ACI. Then, invite journal titles with high potential to apply for inclusion. To do this effectively, (1) Structure of ACI database must be setup, (2) steering committee comprising of experts from ASEAN countries to be set up and (3) criterion for title inclusion have to be decided.
**Sustainability of ACI database**

- Asking for contributions from ASEAN members (on 3 years basis, needing data inputs from each ASEAN country regularly!! Who will be taking care of the ACI, country rotation?).

- Subscriptions for accessing ASEAN organizations.

- Partnering with private sectors or any international or commercial database owners, who are willing to work with ACI.

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**Linkage of ACI and other databases**

Diagram showing the relationship between ACI and other databases such as SCOPUS, Thomson Reuters, Other databases, and various other indexes like BCI, CCI, ICI, LCI, MCI, MnC, PCl, SCI, VCI, and TCip.
Immediate benefits

- Our own regional database.
- Research findings and strengths by ASEAN researchers become more visible (citations, impact etc).
- More and better information for assessing research performance evaluations for any purposes.
- Better performance rankings for ASEAN institutions.
- Students can use the ACI for university selections for their further studies in ASEAN universities.

Update on the Development of ACI Database:

- Funding support to establish ACI
- Activities related to the establishment of ACI
- Next step
Update on the Development of ACI Database:

Funding support to establish ACI

- Funding support provided by OHEC, Thailand to the Thai Journal Citation Index Center (TCI) as ACI coordinating center for first-year implementation of ACI amounting to 3 million baht (approx. 100,000 USD)

Activities related to the establishment of ACI:

A Meeting of representatives from 4 ASEAN member countries

TCI organized a meeting among representatives from Indonesia, Malaysia, the Philippines, and Thailand at KMUTT in June 2011

- Sharing current status on the development of each National Citation Index (NCI) database
- Discussing next steps of setting up ACI
### Status on the development of each NCI (as of June 2011)

<table>
<thead>
<tr>
<th>Country</th>
<th>Status</th>
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</table>
| **Malaysia** | - Start to develop Malaysian Citation Index called *MyCite & Myjournal databases* in March 2011 by Univ. of Malaya  
- MCC is endorsed & financially supported by MOHE  
- Database include online journal submission system (Myjournal) and citation (MyCite) databases. |
| **Indonesia** | - Start to develop Indonesian Citation Index (ICI) in May 2011 by applying the SiteSeer system  
- ICI received the financial support from the MONE  
- Expected to launch its service and functions by the end of the year 2011. |
| **The Philippines** | - Not yet developed the NCI database, but will make a decision to adapt either the TCI or the MCC system |
| **Thailand** | - Has developed the Thai-Journal Citation Index (TCI) Database since 2001  
- Currently houses 440 Thai journals, both in S&T and H&SS areas.  
- Published articles & their citation details & calculations of annual journal impact factors are included.  
- Online journal system for journal submission has just been started by TCI and aimed to serve all the journals within the TCI database |
Activities related to the establishment of ACI:

Meeting with the Director of Library of Congress (USA)

- The Director of Library of Congress met with Prof. Dr. Narongrit Sombatsompop, the Head of TCI Center in Bangkok in July 2011.
- There have been enormous needs in the US and Europe to have information and publish literatures from ASEAN as such information are not available in international databases.
- There are a number of departments and researchers that are carrying Asian and ASEAN studies. They noted that there are difficulties in accessing the information of the Asian and ASEAN countries.
- This stresses the importance of the regional collaboration on establishing ACI database.

Activities related to the establishment of ACI:

Presenting a paper regarding to NCI & ACI concept at the Workshop held in Hanoi, Vietnam.

- Prof. Dr. Narongrit Sombatsompop, the Head of TCI Center presented a paper at the Workshop on “Raising the Visibility of Vietnam’s HE research capability to the International Community” in December 2011 in Hanoi
- The presentation included the importance of ASEAN’s scholarly publishing & the development of TCI, NCI & ACI
- The NCI & ACI concept received well response from the audience
Activities related to the establishment of ACI:


➤ Professor Dr Narongrit Sombatsompol, the Project Leader, was invited to deliver the presentation on the importance of ASEAN’s scholarly publishing and the development of TCI, NCI and ACI at the workshop in Quezon, Philippines. The NCI and ACI concept received well response from the audience.

Activities related to the establishment of ACI:

Presenting a paper on the Workshop on “International conference on Journal Citation Systems in Asia Pacific Countries and Launching of MyCite”, May 22, 2012 in Kuala Lumpur, Malaysia.

➤ Professor Dr Narongrit Sombatsompol, the Project Leader, was invited to deliver the presentation on the importance of ASEAN’s scholarly publishing and the development of TCI, NCI and ACI at the workshop in University of Malaya, Kuala Lumpur, Malaysia. The NCI and ACI concept received well response from the audience.
Activities related to the establishment of ACI:

Designing & Developing the ACI Database

- The research team has studied, designed & developed the ACI database since the beginning of the project (August 2011).
- The database is scheduled to complete by the end of 2012 & the input data process will begin.
- The ACI database comprises 4 major functions: Data input function; Search function (general & cited search); Display function; Data export function.

ACI Database

1. เป็น Regional Citation Database
   - ข้อมูลการตีพิมพ์: - author, journal, article, etc
   - ข้อมูลการอ้างอิง: - author, journal, article, etc
2. ครอบคลุมวารสารวิชาการจากกลุ่มประเทศอาเซียนที่มีคุณภาพตามเกณฑ์
3. มี Search Function ทั้ง General และ Cited Search
4. ให้ความสำคัญกับภาษาถิ่นของอาเซียน
5. มีการเชื่อมโยงไปยัง Full Text ของบทความนั้น ๆ
หน้าหลักของเว็บไซต์ฐานข้อมูล ASEAN Citation Index (ACI)

หน้าแสดงการเพิ่มข้อมูลวารสารในฐานข้อมูล ACI รายละเอียดของวารสาร

- Journal ID
- ISSN P
- ISSN E
- Title (English)
- Title (Native)
- Number of Issue
- Publisher
- Address
- Website
- Language
- Indexed database
สาขาวิชาของการสารในฐานข้อมูล ACI

หน้าแสดงการเพิ่มข้อมูลบทความในฐานข้อมูล ACI รายละเอียดของบทความ
หน้าแสดงการเพิ่มข้อมูลบทความในฐานข้อมูล ACI รายละเอียดของบทความ (ต่อ)

หน้าแสดงการเพิ่มข้อมูลการอ้างอิงในฐานข้อมูล ACI รายละเอียดของการอ้างอิง
หน้าการแสดงผลจากการค้นหาข้อมูลในฐานข้อมูล ACI

1. Article Format

2. Author Format
The Planned Activities for the Next Step

- Set up ACI Steering Committee
  - comprise representatives from ASEAN member countries
  - to provide policy recommendations & guidance including the sustainability of the ACI
  - Define journal selection criteria to be included in the ACI
  - Thailand by TCI/KMUTT is selected to serve as ACI Coordinating Center

- Input bibliographic records of some ASEAN journals for a trial in order to evaluate & test the database performance
Thank you for your kind attention!!