



ICCMC full committee meeting, 18~19 Nov., 2006,  
Bali, Indonesia

## **Minutes of International Committee on Concrete Model Code for Asia Annual General Meeting**

**November 18 and 19, 2006, Melia Bali Hotel, Bali, Indonesia**

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### **Participated members:**

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| <b>1. Prof Tamon Ueda, chairman</b>              | <b>Hokkaido University, Japan</b>                          |
| <b>2. Prof Ha-Won Song, vice-chairman</b>        | <b>Yonsei University, Korea</b>                            |
| <b>3. Dr Jeffrey CL Chiang, W1 coordinator</b>   | <b>Monash University Malaysia, Malaysia</b>                |
| <b>4. Dr Takafumi Noguchi, W2 coordinator</b>    | <b>University of Tokyo, Japan</b>                          |
| <b>5. Prof Koji Takewaka, W3 coordinator</b>     | <b>Kagoshima University, Japan</b>                         |
| <b>6. Prof Taketo Uomoto, EC member</b>          | <b>University of Tokyo, Japan</b>                          |
| <b>7. Prof Somnuk Tangtermsirikul, EC member</b> | <b>SIIT, Thammasat University, Thailand</b>                |
| <b>8. Dr Hiroshi Yokota, EC member</b>           | <b>Port and Airport Research Institute, Japan</b>          |
| <b>9. Prof Kazunori Harada</b>                   | <b>Kyoto University, Japan</b>                             |
| <b>10. Prof Huang Xiaokun</b>                    | <b>China Academy of Building Research, China</b>           |
| <b>11. Dr Dradjat hoedajanto</b>                 | <b>JL.Institut Teknologi Bandung Ganesha 10, Indonesia</b> |
| <b>12. Prof Ashok Kumar Jain</b>                 | <b>Indian Institute of Technology, India</b>               |
| <b>13. Dr Manabu Kanematsu</b>                   | <b>Tokyo University of Science, Japan</b>                  |
| <b>14. Prof Hirotaka Kawano</b>                  | <b>Kyoto University, Japan</b>                             |
| <b>15. Prof Ekasit Limsuwan</b>                  | <b>Chulalongkorn University, Thailand</b>                  |
| <b>16. Dr Umesh Kumar Sharma</b>                 | <b>National Institute of Tecnology, India</b>              |
| <b>17. Mrs Werawan Manakul</b>                   | <b>Hokkaido University, Japan</b>                          |
| <b>18. Mr Makoto Tsujino</b>                     | <b>University of Tokyo, Japan</b>                          |
| <b>19. Prof Sang Keun Oh</b>                     | <b>Seoul National University of Technology, Korea</b>      |
| <b>20. Prof Shyh-Jiann Hwang</b>                 | <b>National Taiwan University, Taiwan</b>                  |
| <b>21. Dr Pradeep Bhargava</b>                   | <b>Indian Istitute of Technology, India</b>                |
| <b>22. Dr Boonchai Stitmannaitum</b>             | <b>Chulalongkorn University, Thailand</b>                  |
| <b>23. Mr Ashar Saputra</b>                      | <b>Hokkaido University, Japan</b>                          |
| <b>24. Dr Hiroshi Shima</b>                      | <b>Kochi University, Japan</b>                             |
| <b>25. Dr Jung Sang Hwa</b>                      | <b>Korea Institute of Construction Materials, Korea</b>    |
| <b>26. Dr. Taesang Kim</b>                       | <b>Korea Institute of Construction Materials, Korea</b>    |
| <b>27. Dr. Bong Chun Kim</b>                     | <b>Korea Institute of Construction Materials, Korea</b>    |

### **Observers:**

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|--------------------------------|-----------------------------|
| <b>28. Dr Jong-Yong Lee</b>    | <b>Re New System, Korea</b> |
| <b>29. Ms. Jenny Kim</b>       | <b>Re New System, Korea</b> |
| <b>30. Dr. Komsan Maleesee</b> |                             |

### **Administrative manager:**

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| <b>31. Ms. Naoko Masaki</b> | <b>Hokkaido University, Japan</b> |
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## **November 18, 2006 (Budgul Room)**

### 1.1 Welcome and self introductions

ICCMC Chairman, Prof Ueda, called the meeting to order at 8:30. Administrative manager, Ms. Masaki, distributed calling cards for the attendance purpose. The circulated agenda was approved by the committee. Participants introduced themselves.

### 1.2 Prof Ueda gave a review on committee activities since Qingdao meeting (see attached files: “1. Minutes of Qingdao Meeting”, “2. Committee Activities since Qingdao Meeting” and “3. minutes of Bangkok meeting aug06”, “4. Chairman report on achievement (28 May 2006)”)

### 1.3 ICCMC vice-chairman, Prof Song, updated information related to ICCMC activities on ISO (see attached file : “5. Report of Vice Chairman (Policy)”)

1.3.1 There was a very long discussion about the definition of national, regional and global code and implement of ACMC as a national code. Dr Noguchi suggested that ACMC should be adopted as a regional code of Asia. The continuous discussion on this issue is needed. Dr. Noguchi mentioned that promotion of ACMC to ACF is important.

### 1.4 Prof Ueda gave a brief report on publication of ACMC 2006 (representing vice chairman Prof. Tan)

### 1.5 Ms. Masaki gave an A. M’s report on ICCMC office matters (see attached file: “6. ICCMC Bali AM Report”)

1.5.1 Name of the unpaid members will be deleted from the membership list. Dr. Chiang suggested that final warning should be given via fax or letter, not only by email, before those names are actually deleted.

1.5.2 A.M. will send an individual reminder about the payment of membership every year by email, fax or letter.

1.5.3 Prof Song said there’s a possibility to get some fund from Korean associations or ministries. Prof Song will take some action to ask for financial support from those organizations, and report on this matter at the next meeting.

1.5.4 Mrs. Werawan mentioned that having corporate members from many Asian countries will improve the image of ICCMC. (At this moment ICCMC has ten corporate members only from Japan and Korea)

### 1.6 Prof. Ueda gave a report on ACF related information including ACF’s proposal on collaboration with ICCMC (see attached files: “7. Proposal for Setup of Task Groups ”, “8. Chairman report on future plan (28 May 2006)”)

### 2.1 Dr. Chiang updated information on WG1 activity (see attached file: “9. Report and Working Plan of WG1”)

### 2.2 Dr. Noguchi updated information on WG2 activity (see attached file: “10. WG2 Report in Bali”)

2.2.1 Dr. Chiang suggested that there should be a certain numbering rule for L3 documents to avoid any confusion. WG4 is asked to work on this issue.

2.2.2 Mrs. Werawan said most of the L3 documents are officially provided by Japan except for Vietnam, and other countries should also provide L3 document as well.

### 2.3 Prof Takewaka updated information on WG3 activity (see attached file: “11. WG3 Report in Bali”)

### 2.4 Mrs Werawan updated information on WG4 activity (on behalf of Prof Loo, WG4 coordinator)



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WG4 edited one L3 document and ACMC 2006 last year, and produced one newsletter. As it is very difficult to collect articles for the newsletter, member's contribution is very much appreciated. The latest issue was circulated in February, and the action for new circulation will be taken shortly.

2.4.1 Dr. Chiang suggested that each WG should submit a report on their activity as an article.

2.4.2 Prof. Song said that the article on code writing in Malaysia in the last newsletter was very informative.

3.1 Dr. Chiang gave a final report of funded projects (see attached files: "12. Report\_L3\_EC2\_Nov06", "13. Report\_L3\_MS1553 Wind Actions\_Nov06")

3.2 Dr. Sharma gave a final report of funded projects (see attached file: "14. Sharma\_Project")

3.3 Prof. Huang gave a final report of funded projects (see attached file: "15. ICCMCRreport-china")

3.3.1 Prof. Song said that recognition of ACMC in China is very important, and promotion of ACMC that Prof. Huang has done is successful.

3.3.2 Dr. Yokota mentioned that there should be a written statement or acknowledgement about the copyright in the translated version of ACMC.

## **November 19, 2006 (Bedugul Room and Batur Room)**

4.1 Dr. Chiang gave a report on WG1 meeting (see attached file : "16. WG1- ICCMC Meeting\_Bali\_2006")

Expected deadline:

L3 regional standard document on normal actions based on Eurocode EC2: to be published by the end of March 2007

L3 regional standard document on wind actions based on MS 1553 : 2002: to be published by the end of March 2007

L3 technical reference document on design for RC columns for ductility: to be published by the end of May 2007

L3 regional standard document on design for fire actions : guidelines for designing concrete-framed buildings for fire actions: to be published by the end of March 2007

4.2 Dr. Noguchi gave a report on WG2 meeting (see attached file: "17. Bali - WORKING GROUP 2 Minutes Nov 2006")

Expected deadlines:

April 2007

Level 2 document "7. Precast Concrete"

December 2007

Level 3 document related to high-strength concrete (TR2-01)

Level 3 document related to self-compacting concrete (TR2-02)

Level 3 document of Thailand national code for materials and construction (RN-02)

4.3 Prof. Takewaka gave a report on WG3 meeting (see attached file: "18. Agenda for WG3 of ICCMC in Bali 061119", "19. ICCMC\_WG3(Bali)\_MM")



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Expected deadlines and schedules:

JSCE Standard Specifications for Concrete:

The revision of Maintenance Part will be completed by the end of 2007.

Korea Standard Specification for Maintenance of Concrete Structures:

The first draft of English version will be submitted at the next Tokyo meeting in January 2007

L3 document in Thai:

The first draft of English version will be completed by the end of 2007.

Level 3 document on maintenance and rehabilitation of concrete structures against carbonation-induced deterioration:

Will be discussed again at the Tokyo meeting in January 2007.

4.4 Dr. Chiang gave a report on WG4 meeting (see attached file; “20. WG4- ICCMC Meeting\_Bali\_2006”)

5.1 Prof. Oh gave a report on ISO WG meeting and other matters (see attached files; “21. Result of Report on Working Group 3 Meeting in Bali”, “22.PPT\_final\_wg3”, “23.Presentation\_final”)

6.1 Other matters

6.1.1 ICCMC will sponsor two new projects starting from the next year. Each project will be funded 1,500 USD per a year for two years from 2007-2008. (total of 3,000 USD/project) The detailed information will be announced later by A.M.

6.1.2 Dr. Sharma proposed to host the next ICCMC annual meeting in Chandigarh, India, and at the same time Prof. Hwang proposed to host the next annual meeting in Taipei, Taiwan. Next annual meeting venue will be decided after further information is collected and examined by Executive Council members.

6.1.3 Mrs. Werawan suggested that ICCMC annual meeting should be three days meeting, not two days.

7 Adjournments

Prof Ueda adjourned the meeting at 17:20.