

CTBUH Update – July 2006

Dear Colleagues:

As you will see from all of the announcements below we have had a very busy and successful month. Firstly we have added three new members to the Contributor to Patron level – Aedas, JISF and Davis Langdon and Seah. Organizational members at these levels have a significant impact on the financial security of the Council and we are very pleased that numbers are increasing. We have also established the Progressive Collapse Working Group, which is the second of the four new working groups that were identified in our five year plan. And best of all, we have appointed Anthony Wood as our new Executive Director of the Council, as a result of the position we advertised a few months ago. I expect that over the next few months, Antony will start to have a significant impact on the Council, as he helps us to raise our profile, to work with industry and the full range of design professionals involved in tall building projects. More details on all these developments are given below.

Following an invitation from our country leader for Korea, Professor Sang-Dai Kim, I was pleased to visit Korea on June 26th and give a presentation about the Council, its plans, and its involvement in various technical developments in tall building design. Following this meeting the Council signed a Memorandum of Understanding with the Architectural Institute of Korea (AIK) and we look forward to our closer collaboration with them on research and dissemination of information. Plans are underway for a chairman's visit to the Middle East in September to meet with Country Leaders and to assess a potential CTBUH Conference in the region for 2007/2008.

Our next Working Group to be established is our Sustainable Working Group, and we are currently planning how our group will relate to the other organizations in this field. Our group will focus on the sustainable design and construction of tall buildings, and will look to bring together best international practice.

The EU directive which calls for the measurement of energy use on buildings is very exciting, and will change the way designers, operators and users will think about tall buildings. Soon there will be real data from which tall building users will know if they are living and working in Hybrids or Gas Guzzlers, and operators and owners will be able to compare their performance with others. Similar rules are being considered, particularly for tall and big buildings, in various parts of the states and in other countries, and the Council wishes to help in establishing goals and international standards.

Sincerely,

David Scott
Chairman, CTBUH
Principal, Arup
dscott@ctbuh.org

* * * CTBUH NEWS * * *

Appointment of CTBUH Executive Director. The Council is pleased to announce that Mr. Antony Wood of the University of Nottingham, United Kingdom, has been named as the new Executive Director of the Council on Tall Buildings and Urban Habitat, effective September 2006.

Antony is an RIBA (Royal Institute of British Architects) -registered architect who has worked in architectural practice in the United Kingdom, Hong Kong, Thailand, Malaysia and Indonesia and has considerable expertise in the design and construction of high-rise buildings. He is leader of the "Tall Buildings Teaching and Research Group" and has been serving as the Council's Vice-Chairman for Research.

Antony will be located at the Council's headquarters at the Illinois Institute of Technology, Chicago, where he will be assisting CTBUH Chairman David Scott in increasing the value and relevance of the Council. Specific duties will include coordinating the CTBUH Working Groups, Events and Publications, overseeing the Council's website, managing public relations and assisting with the development of financial support for Council activities. The Executive Director role is combined with a faculty position at the Illinois Institute of Technology where Antony will be continuing his teaching and research activities.

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Leadership of CTBUH Progressive Collapse – Working Group. The Council is pleased to announce that Dr. Robert Smilowitz and Dr. Craig Gibbons have agreed to co-chair the new Working Group on Progressive Collapse mitigation. This is a controversial subject and the combination of leaders should bring together US, UK and Asian experience.

The chairmen will form a working group of interested parties. Many Council members have already expressed an interest in this working group. Anyone else wishing to be involved can contact the chairmen by writing to progcollapse@ctbuh.org.

The approach to Progressive Collapse varies substantially around the world. Many countries do nothing. Europe has recently introduced new guidance and the US is currently debating what to do. Last year the JIS, with assistance from the CTBUH, published a Progressive Collapse guideline which looked at explicit design techniques for column removal. The working group is being established to review the design philosophy and will produce a best practice guide and identify what further research is needed. For more details visit <http://www.ctbuh.org>.

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October 25-26, Conference Update – “Thinking Outside the Box – Tapered, Tilted, Twisted Towers”. This international conference will focus on the design and construction challenges that these articulated towers present. We have confirmed speakers from China, Japan, the Middle East, Europe and the USA. The conference will deal with the technical and aesthetic challenges that these buildings present and will include presentations by Access Consultants, Wind Consultants, Façade Contractors and Designers, General Contractors, Engineers, Architects, and City Planners and Developers. The speaker list, which includes many top names in the worldwide building industry, can be viewed on the Council’s website.

The registration brochures have been mailed out and all members should have their copy, or should be receiving it within the next few days. If you don’t believe you are on our “snail mail” list, but would like to receive a copy, please contact Geri Kery at gkery@ctbuh.org. Anyone who wishes to register directly can do so by downloading the Registration Form which can be found on the Council’s website at <http://www.ctbuh.org>.

This is going to be a great event so start making your travel plans now!

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CTBUH Awards Dinner. It is an exciting time as the Awards Committee, chaired by Tim Johnson, shortly decides on this year’s honorees. The Awards Dinner will be held on October 26 at the Illinois Institute of Technology’s S. R. Crown Hall, immediately following the “Thinking Outside the Box” conference.

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CTBUH Memorandum of Understanding with Architectural Institute of Korea. The Council has signed a Memorandum of Understanding with the Architectural Institute of Korea. This agreement includes the sharing of technical knowledge on the design and construction of tall buildings. The agreement was signed in Korea during the week of June 26th by CTBUH Chairman David Scott and AIK Chairman Sang-Dai Kim. Dr. Kim is a Professor at the University of Korea and is also serving as the new Country Representative for Korea. We look forward to our closer collaboration with the AIK.

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Meet the New CTBUH Country Representatives. As a part of the new Five-Year Plan, the Council is placing an increasing emphasis on its international base by renewing and expanding the role of Country Representatives around the world. Along with helping to increase the Council’s visibility in their respective country, these leaders will serve as a point of contact for the international press, will be available to meet with new building professionals interested in doing work in their country, will keep the Council’s list of tall buildings accurate and will provide the Council with reports on activities in their respective country.

Eventually you will be able to go to a world map located on the Council's website, click on a specific country, and find information about the Country Representative. In the meantime, each month we will use the e-update to introduce you to some of the new Country Representatives:

United Arab Emirates – Andy **Dauids** is director of Hyder Consulting <http://www.hyder.com> and is chief engineer of the Hyder high-rise design 'Studio', based in Dubai. Email: adauids@hyder.com.

Finland – **Matti-Esko Jarvenpaa** is a structural engineer, specializing in 3D Product Modeling, for WSP ConsultingKORTES <http://www.wspgroup.fi>. Email: matti-esko.jarvenpaa@wspgroup.fi.

Austria – **Hugh Ronald Mischek** is the managing director of Mischek Ziviltechniker Ges.mbH, Vienna <http://www.mischek.at> and has made the high-rise a key focus of his professional life. Email: r.mischek@mischek-zt.at.

Doing 3 per month, and balancing between Europe, Asia and elsewhere, and between engineers and architects is noted, although I would only know who are engineers and who are architects if it says so in their bio.

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New Member Welcome. The Council would like to welcome the Japan Iron and Steel Federation (JISF) as a new Organizational Member at the Contributor level. JISF is a nationwide representative body of the Japanese steel industry, made up of the country's major iron and steel producers and trading companies engaged in the physical distribution of steel <http://www.jisf.org.jp>.

The Council is also pleased to welcome the Aedas group as a Donor member. Aedas is a large architectural firm, with a staff of over 1,100, headquartered in Hong Kong. They have offices all over the world, especially in Asia, where they are extensively involved in the tall building market. <http://www.aedas.com>.

The Council would also like to thank Davis Langdon & Seah International for 'stepping up' and increasing their Organizational Membership to the Patron level. Davis Langdon & Seah International is a multidisciplinary international construction and property consultancy, with 85 offices worldwide. <http://www.davislangdon.com>

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Did you mean to delete this? We never announced that the LATBSDC report was available online.
LATBSDC Seismic Design Report Available. Recently the Los Angeles Tall Buildings Structural Design Council published "An Alternative Procedure for Seismic Analysis and Design of Tall Buildings Located in the Los Angeles Region". This document provides an excellent resource for the Performance Based Design of tall buildings which is quickly becoming the new standard, replacing prescriptive designs. LATBSDC representatives Marshal Lew and Farzad Naeim will be assisting with the production of the Council's upcoming seismic design guide. Progress reports on the guide will be provided in upcoming CTBUH E-Updates.

The Los Angeles Tall Buildings Structural Design Council's report can be accessed on the Council's website at <http://www.ctbuh.org> or for more details and information about the LATBSDC, go to <http://www.tallbuildings.org>.

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SEAOI Announces the 2006 Excellence in Structural Engineering Awards. Congratulations to several CTBUH member firms that were honored at the 2006 SEAOI Awards Banquet. Winning projects included: Magnusson Klemencic Associates (Best Large Structure Award) for the 111 South Wacker facility, Chicago), for the project's "Sky Hook" concept of supporting a structure from above, allowing for a stellar building lobby; and Thornton-Tomasetti (Most Innovative Structure Award) for The University of Chicago Graduate School of Business Hyde Park Center, referred to as "an outstanding example of integrating structure with architecture". In addition, Awards of Merit were presented to Skidmore Owings & Merrill (Large Category) for Memorial Sloan-Kettering Research Laboratory Building in New York City and Halvorson and Partners (Medium Category) for the U-505 Submarine Relocation in Chicago.

Congratulations also go to CTBUH members John Zils of Skidmore Owings & Merrill on receiving the SEAOI Service Award and Charles Thornton of Thornton-Tomasetti on receiving the John Parmer Award.

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Chicago Committee on High-Rise Buildings Announces New Offices. The Council would like to congratulate the following new officers of the Chicago Committee on High-Rise Buildings (CCHRB) -- Steven Riggio, chairman; Kim Clawson, vice-chairman; Nestor Iwankiw, secretary; Mark Simonides, treasurer; and David Eckmann, program director. Chairman Riggio's agenda for the next two years includes the formation of a new outreach program with other construction industry-related organizations to further develop the design and construction of high-rise buildings, promoting the role of CCHRB in the construction industry, offering quality monthly programs to its members and an annual technology seminar, developing an interactive relationship with universities and research development groups in the design of tall buildings, creating a focus on sustainable design and energy conservation in high-rise buildings, and establishing a scholarship program for architectural/engineering students specializing in high-rise building design and construction.

*** * * PLAN TO ATTEND * * ***

- September 10-14, 2006. National Association of Elevator Contractors 57th Annual Convention, Orlando, Florida. <http://www.naec.org>

- October 15-22, 2006. 2006 AIA Northwest & Pacific Region Conference and AIA Committee on Design Fall Conference on "Pacific Crossings", Hong Kong and Shanghai. <http://www.aiahk.org>

- October 19, 2006. International Congress on "Fire Safety in Tall Buildings" presented by GIDAI Fire Safety Research & Technology, University of Cantabria, Santander, Spain. <http://grupos.unican.es/GIDAI>

- October 25-26, 2006. CTBUH conference on "Thinking Outside the Box – Tapered, Twisted, Tilted Towers", Illinois Institute of Technology, Chicago, Illinois. <http://www.ctbuh.org>

- October 26, 2006. Fifth Annual CTBUH Awards Dinner, Illinois Institute of Technology, Chicago, Illinois.

- November 8-9, 2006. International Conference on Construct in Steel – the Next 50 Years, organized by the Southern African Institute of Steel Construction, Johannesburg, South Africa. <http://www.saisc.co.za>

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