



Pacific Association of Quantity Surveyors Newsletter

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<http://www.paqs.net>

Welcome

Welcome to the 10th issue of the annual Pacific Association of Quantity Surveyors' (PAQS) Newsletter.

This year's PAQS Congress was held in Dalian, China from 26-29 June 2005. This was the largest PAQS Congress ever held with over 450 delegates attending. The Congress hosts, the China Engineering Cost Association (CECA), excelled in providing a very professional and valuable program with speakers from around the world. The PAQS Annual Board meeting was held just prior to the Congress and some significant decisions were made for the future growth of PAQS, including the formation of a Research Committee and approval of the Education Committee's recommendation on accreditation of university courses in the PAQS region. Details of these decisions are provided later in this newsletter.

New PAQS Chairman 2005-07

Mr. Takayoshi Sato from the Building Surveyors' Institute of Japan (BSIJ) has been elected as PAQS Chairman for the 2005-07 term.

Mr. Sato is on the Board of Directors of his BSIJ and is President of his company Sato Facilities Consultants. He has had a long involvement with PAQS and has contributed greatly to its development.



Mr. Takayoshi Sato

Mr. Sato obtained his Bachelors of Architectural Engineering with a major in Construction Management in 1969 from the Hosei University in Tokyo. He has worked as a Project Cost Consultant both in Japan and the United Kingdom and specialises in cost control, contract management and project management. He is also a key member of three major committees established by the Japanese Ministry of Construction (MOC) on "Construction Cost Control Systems", "Life Cycle Costing" and "Value Engineering". Mr. Sato is the author of two Japanese books titled "Cost Management for Construction Projects" and "Value Engineering in Construction and Its Practical application" and has contributed to two other books on building life cycle costs. He has also authored numerous articles in both local and international journals.

PAQS MEMBERSHIP

FULL MEMBERS

AUSTRALIA — AIQS

Australian Institute of Quantity Surveyors

CANADA — CIQS

Canadian Institute of Quantity Surveyors

CHINA — CECA

China Engineering Cost Association

HONG KONG — HKIS

Hong Kong Institute of Surveyors

JAPAN — BSIJ

Building Surveyors' Institute of Japan

MALAYSIA — ISM

Institution of Surveyors Malaysia

NEW ZEALAND — NZIQS

New Zealand Institute of Quantity Surveyors

SINGAPORE — SISV

Singapore Institute of Surveyors and Valuers

ASSOCIATE MEMBERS

BRUNEI — PUJA (B)

Institution of Surveyors, Engineers & Architects

FIJI — FIQS

Fiji Institute of Quantity Surveyors

SRI LANKA — IQSSL

Institute of Quantity Surveyors Sri Lanka

OBSERVERS

SOUTH AFRICA — ASAQS

Assoc. of South African Quantity Surveyors

PAQS OFFICE BEARERS

Chairman

Mr. Takayoshi Sato (BSIJ)

Immediate Past Chairman

Mr. Ong See Lian (ISM)

1st Vice-Chairman

Mr. Trevor Main (AIQS)

Treasurer

Mr. Terry Sanders (AIQS)

Secretary

Mr Kenta Fukagawa (BSIJ)

Secretariat

c/o Building Surveyors' Institute of Japan

16-12, 3 Chome Shiba, Minato Ku

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The PAQS Organisation

PAQS was formed in 1996 and is an international association of national organizations representing Quantity Surveyors in the Asia and Western Pacific region. As an umbrella organisation for quantity surveying associations in the region, individual membership of PAQS is not available.

The role of the organisation is the promotion of Quantity Surveying and “best practice” in the region, dialogue between member organizations, regional co-operation in the practice of Quantity Surveying, the fostering of research appropriate to the better understanding of building practice in the region and the rendering of assistance to members of member organizations working in each other’s countries.

Website

<http://www.paqs.net>

A range of information pertaining to the PAQS organization, its history, membership, awards, research projects, congresses and latest news can be found on this site. It has a photo album of various PAQS events and also has useful links to PAQS member organizations and other international bodies.

Secretariat

At the PAQS Annual Board meeting it was agreed to continue the policy of rotating the PAQS Secretariat.

The Building Surveyors’ Institute of Japan (BSIJ) was appointed as the Secretariat for the 2005-07 term and Mr Kenta Fukagawa was elected as the PAQS Secretary. Contact details are shown on the cover page of this newsletter.

All correspondence and requests for information should go through the Secretariat. Contributions, ideas and suggestions are welcome from individual members of PAQS associations.

Publications

In addition to this newsletter, PAQS has produced a range of publications that are available to members. These include Competency Standards for Quantity Surveyors in the PAQS Region, the PAQS Members Business Register, the Minimum Conditions of PAQS Membership, the PAQS Constitution and PAQS Research Reports which may be published from time to time.

The proceedings from each PAQS Congress since 2000 are also available for purchase from the host member association. These associations should be contacted directly for cost and delivery details.

PAQS Member Websites

Australian Institute of Quantity Surveyors (AIQS)

<http://www.aiqs.com.au>

Building Surveyors Institute of Japan (BSIJ)

<http://www.bsij.or.jp>

Canadian Institute of Quantity Surveyors (CIQS)

<http://www.ciqs.org>

China Engineering Cost Association (CECA)

<http://www.ceca.org.cn>

Hong Kong Institute of Surveyors (HKIS)

<http://www.hkis.org.hk>

Institute of Quantity Surveyors Sri Lanka (IQSSL)

<http://www.iqssl.org>

Institution of Surveyors Malaysia (ISM)

<http://www.ism.org.my>

New Zealand Institute of Quantity Surveyors (NZIQS)

<http://www.nziqs.co.nz>

Singapore Institute of Surveyors and Valuers (SISV)

<http://www.sisv.org.sg>

Association of South African Quantity Surveyors (ASAQS)

<http://www.asaqs.co.za>

Kindred Association Websites

African Association of Quantity Surveyors (AAQS)

<http://www.aaqs.org>

International Cost Engineering Council (ICEC)

<http://www.icoste.org>

Newsletter Circulation

Direct distribution to over 15,000 cost management professionals worldwide. Distribution to Australia, New Zealand, Pacific Islands, Indonesia, Thailand, Japan, Malaysia, Singapore, Sri Lanka, China, Hong Kong, South Africa, United Kingdom, Europe, Africa, Canada and the USA. The newsletter is also included in the International Cost Engineering Council (ICEC) web site.

Advertising

Advertising costs are A\$165 per quarter page advertisement. The newsletter is published annually.

Contributions

Contributions to this Newsletter are welcome. Contributions may be in the form of general news or announcements, information about forthcoming conferences/events or short articles. Contributions can be sent directly to the Editor or via the relevant professional association.



Chairman's Address

I am very honoured and happy to accept the chairmanship for our association for the next two years. I would like to thank all of you for the support you have given me over the years and I regard it as a real privilege to have been involved in the development of PAQS.

On behalf of all members, I would like to congratulate and express our great appreciation to the China Engineering Cost Association (CECA) for hosting and organising an excellent Congress this year. Dalian, the host venue, was a truly remarkable and beautiful city and we were all impressed with the warm hospitality shown.

I also wish to express our sincere appreciation to our outgoing chairman, Mr. Ong See Lian, for his invaluable contribution to PAQS over the past two years. He has provided the association with very astute leadership and we have made tremendous progress during his term.

I would like to welcome two new members to the organisation - the Canadian Institute of Quantity Surveyors (CIQS) and the Institution of Architect Engineers and Surveyors Brunei (PUJA-B). CIQS joined as a full member in 2004 and attended their first PAQS Congress this year in China. PUJA-B were accepted as an associate member at this year's PAQS Board meeting.

At this point in time, PAQS is represented by cost management associations from 12 countries in the region. I believe that we still need to encourage more countries in our region to join PAQS and further strengthen the profession. Business is now borderless and the growth of the Asian market has been remarkable and continues to provide far reaching opportunities. It makes the role of PAQS even more important.

Barriers between members' countries are getting much lower than before. The environment is now very conducive for the active exchange of information, knowledge and skills among members. The university course accreditation scheme which we are developing is an important part of this process.

Each member of PAQS has its own culture, language and systems and the association has helped us all to understand, appreciate and respect these differences. It is absolutely indispensable to the PAQS movement.

As the new chairman, I wish to contribute to the role and activities of this organization in the years to come. I will do my very best and look forward to the continuous support and cooperation from all members of PAQS. I hope to see as many of you as possible at the 2006 PAQS Congress in Singapore.

Mr. Takayoshi Sato, PAQS Chairman

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PAQS Awards 2005

PAQS award categories comprise the PAQS Medal and Service, Academic and Technical Innovation Awards. However, due to late nominations, these awards were deferred at the PAQS Board Meeting. It was agreed that more time was required to evaluate the nominations and an Evaluation Panel was formed for these purposes. This panel will announce the award recipients in due course.

PAQS Medal

The PAQS Medal is awarded for Excellence in International Quantity Surveying and represents the highest honour that can be bestowed by the organization. Prior winners of this award have been:

2000	Mr Mike Langley (AIQS)
2001	Professor Dennis Lenard (AIQS)
2002	Mr Edward Tang (SISV)
2003	Mr Peter Beddek (NZIQS)
2004	Mr TT Cheung (HKIS)

Service Awards

The Service Award recognizes outstanding service to international quantity surveying and cost engineering. Recipients must be able to demonstrate a degree of service that exceeds the expectations of their local PAQS member institution. Previous winners have been:

2002	Mr Terry Sanders (AIQS)
2003	Ms Ellen Lau (HKIS)
2004	Mr Peter Smith (AIQS)
2004	Mr Kouichi Noro (BSIJ)

Academic/ Innovation Awards

PAQS also has categories for Academic and Technical Innovation Awards. The Academic Award recognizes excellence in academic performance that has application or benefit that transcends national boundaries. The Technical Innovation Award recognizes excellence in innovation in areas of technique, products, services, teaching, management or the implementation of innovation. Such technical innovations must have an application or benefit that transcends national boundaries. There has only been one past recipient for each of these awards:

Academic Award: 2001 Dr. Anita Lui (HKIS)
Technical Award: 2001 Mr. John Hemmet (AIQS)

Future Award Nominations

Potential award recipients must be nominated by peers. Nominations for the 2006 Awards should be sent to your local PAQS member association by March 2006. Nominations should include a one page summary of the nominee's achievements.



YOUR FUTURE STARTS HERE
YOUR FUTURE STARTS HERE

The Construction Management program at RMIT provides undergraduate education in a combined Construction Management and Construction Economics field. Our graduates have found employment in the fields of quality surveying, estimating, project and site management, contract administration and project development, in Australia, Singapore, Malaysia, Hong Kong and China. The course is fully accredited by the Australian Institute of Quantity Surveyors, the Australian Institute of Building, the Singapore Institute of Surveyors and Valuers, the Royal Institute of Chartered Surveyors and the Malaysian Board of Chartered Surveyors. Students undertake the course studying a series of core subjects. The first two years of the course offer a technology focus, with the final two years concentrating upon management of the construction process. The course has a strong vocational flavor developed within a theoretical framework. In this way both the academic and practical components of "real world" construction are addressed within the course.

Study Mode:

The course is normally studied in full-time mode, which involves four years of study, however part-time options are available after completion of the first three semesters. Students may also undertake a year of their studies at a recognized Overseas University, such as Southbank University in the UK or Calpoly and University of Florida in the USA.

Articulation:

RMIT has a strong commitment to Articulation from the TAFE to Higher Education sector, and students who have completed the TAFE Associate Diploma of Applied Science (Building Construction) (1.5 years full-time 1.5 years part-time study/work experience) are eligible for admission to this course with credit of 50% of the program 2 years equivalent.

International Students:

Students with recognized diploma qualifications (from Singapore, Malaysia, Indonesia and Hong Kong), and relevant industrial experience can study this program in Australia. The levels of advanced standing vary, however it will not normally exceed 2 years. The Bachelor of Applied Science Construction Management program is also offered in Singapore.

Applications:

Applications for the Program must be made via the Victorian Tertiary Admissions Centre (VTAC).

Enquiries:

Mark Vines - Program Director
Department of Building and Construction Economics
Faculty of Constructed Environment, RMIT University
GPO Box 2476V, Melbourne VIC 3001
Ph: (03) 9925 2230 fax: (03) 9925 1939
www.rmit.edu.au/tce/bce



PAQS University Accreditation

After many years of discussion and development, the PAQS University Accreditation Scheme was launched in 2005. This represents a landmark development in the PAQS organisation and will provide greatly improved employment and membership opportunities in the Asia Pacific region for graduates of accredited university courses.

In 2004, a transitional arrangement was developed whereby university courses with individual accreditation from at least four out of five specified associations would become eligible for PAQS Accreditation. These five associations were chosen because of their well established accreditation systems and comprised the AIQS (Australia), HKIS (Hong Kong), ISM (Malaysia), NZIQS (New Zealand) and SISV (Singapore).

However, the PAQS Board recognised that this policy would be unfair on universities in the PAQS region who traditionally did not seek accreditation from professional associations outside of their country. It has been predominantly Australian universities that have pursued multiple course accreditation from international associations.

Therefore, it was resolved at the 2005 PAQS Board meeting that the accreditation rules would be adjusted in the interim to a "1 plus 1" system whereby universities in PAQS member countries would be eligible for PAQS Accreditation if they had their own national institution's accreditation plus one foreign member accreditation from either the AIQS, HKIS, ISM or SISV.

PAQS accreditation will provide university courses with official recognition in the PAQS region as meeting the academic standards set and agreed by all PAQS member organizations. This means that graduates from PAQS accredited university courses will be recognised for acceptance into the entry grade or Probationer membership of the Quantity Surveying or Cost Engineering institutes in Australia, New Zealand, Hong Kong, Malaysia, Singapore, Sri Lanka, Fiji, Canada, Japan, Brunei and China.

Ultimately, it is hoped that the scheme will see a joint panel from PAQS member associations take over the reaccreditation of the now individually accredited university courses as well as the accreditation of new courses.

This scheme provides universities with the opportunity to gain international recognition of their course/s in the Asia Pacific region. Eligible universities are now invited to make written application for accreditation via their national association. This application will incur an administration fee of \$500 AUD fee. Successful applicants will be granted PAQS Accreditation for a specific period of time or until the formal PAQS Accreditation Scheme is finalised.

University of Melbourne – World First for PAQS Accreditation

The University of Melbourne became the first university to apply for and be granted PAQS Accreditation. This was heralded as a "world first" by the university and received considerable attention not only within the university but also in the local media and industry. Making the accreditation even more noteworthy was the fact that the university achieved accreditation under the more stringent initial scheme that required accreditation from four PAQS member associations.

In a formal ceremony in February 2005 attended by academic and industry dignitaries, the then PAQS Chairman Mr. Ong See Lian presented the Accreditation Certificate to Dr Anthony Mills and Mr Peter Williams from the university. Accreditation was given for their property and construction program. The then president of the AIQS, Mr. John Lowry, and PAQS vice-chairman Mr. Trevor Main were also in attendance.

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Further information:

Stefan Hornlund, (08) 8302 2228

stefan.hornlund@unisa.edu.au

<http://www.unisa.edu.au/nbe>

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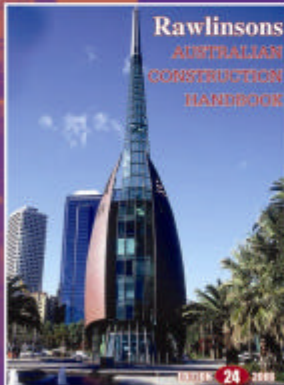


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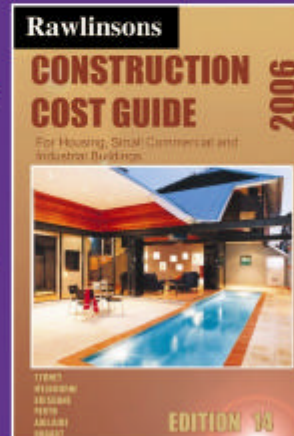
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African Association Of Quantity Surveyors (AAQS)

The AAQS is a very similar organisation to PAQS. It is a confederation of national quantity surveying associations in Africa. Membership is open to any national institute, institution, association or society which in the opinion of the Council of the AAQS represents a body of quantity surveyors in sovereign countries of Africa, provided that the constitution, objectives and functions of such institute, institution, association or society are consistent with those of the African Association of Quantity Surveyors (AAQS).

The objective of AAQS is to unite national bodies of quantity surveyors on the African continent on a democratic basis and to foster co-operative, intellectual, cultural, educational and scientific ties among such bodies.

The Council of the AAQS meets at least once annually with a general assembly every third year. The next council and general assembly meeting is to take place in Abuja in Nigeria in 2005.

The current President of AAQS is Dr C P de Leeuw.

Current members of the AAQS are:

Angola Association of Quantity Surveyors (AnAQS)
Association of South African Quantity Surveyors (AAQS)
Ghana Institution of Surveyors Quantity Surveying Division (GhIS)
Institute of Namibian Quantity Surveyors (INQS)
Institute of Quantity Surveyors of Kenya (IQSK)
Institution of Surveyors of Uganda (ISU)
Mauritius Association of Quantity Surveyors (MAQS)
Mozambique Association of Quantity Surveyors MoAQS)
Nigerian Institute of Quantity Surveyors (NIQS)
Royal Institution of Chartered Surveyors in Botswana (RICS Botswana)
Swaziland Association of Quantity Surveyors (SAQS)
Tanzania Institute of Quantity Surveyors
Zimbabwe Institute of Quantity Surveyors (ZIQS)

Contact Details are as follows:

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Website: <http://www.aaqs.org>



9th PAQS Congress

Dalian, China

The 9th PAQS Congress was held in the beautiful city of Dalian, China from 26-29 June 2005.

The event was hosted and organised by the China Engineering Cost Association (CECA). The Congress was a great success with over 450 delegates attending from around the world.



Opening Ceremony

The Congress was held at the Shangri-la Hotel in Dalian. The congress committee did a brilliant job in delivering a high quality event and deserve special mention as follows:

Chairman	Zhang Yunkuan
Vice-Chairmen	Sun Jichun and Ma Guizhi
Honorary Advisers	TT Cheung, Anita Lui, Sam Cheng
Editors (Proceedings)	Anita Lui, Yang Sizhong

Special guests at the Congress included Mr. Huang Wei, Vice Minister of the Ministry of Construction, Mr. Chen Zhong, Director of the Department of Standards and Norms and Mr. Song Zengbin, Vice Mayor of Dalian.



Congress Audience



ISM Delegates at the Congress



Congress Audience



Delegates Outside the Technical Stands

The challenge of delivering the congress in both English and Chinese was met superbly through the use of professional translators and audio equipment as well as the translation of papers.

Copies of the papers can be purchased directly from the China Engineering Cost Association (CECA).

Inaugural PAQS Golf Tournament 2005

The inaugural PAQS Golf Tournament was held prior to the Congress. This tournament is open to all PAQS members and most associations were represented.

The quality of play was exceptional and the prized trophy was keenly contested by the representatives.

The eventual winner of this prestigious event was **Mr. Trevor Main** from the AIQS and newly elected 1st Vice-Chairman of PAQS.



Golf Award - Mr. TT Cheung (HKIS)



Mr. Trevor Main (AIQS) receives the 2005 PAQS Golf Championship Trophy from outgoing PAQS Chairman Mr. Ong See Lian.



Golf Award – Madam Ma Guizhi (CECA)



Golf Award - Mr. Ong See Lian (ISM)



Golf Award – Mr. Takayoshi Sato (BSIJ & New PAQS Chairman)

PAQS Annual Board Meeting 2005

The PAQS Annual Board Meeting preceded the Congress and was attended by delegates from most of the PAQS member associations. The meeting was chaired by the outgoing PAQS Chairman, Mr. Ong See Lian.

The main issues discussed and resolutions made are outlined below.

PAQS Office Bearers

The PAQS office bearers for the 2005-2007 period were elected at the meeting as follows:

Chairman	Mr. Takayoshi Sato (BSIJ)
Outgoing Chairman	Mr. Ong See Lian (ISM))
1st Vice Chairman	Mr. Trevor Main (AIQS)
2nd Vice Chairman	Mr. Teoh Wooi Sin (SISV)
Secretary	Mr Kenta Fukagawa (BSIJ)
Treasurer	Mr. Terry Sanders (AIQS)

Board Delegates

Board delegates at the meeting comprised the following:

Australia (AIQS)

John Lowry, Trevor Main, Peter Cox, Terry Sanders, Rob Little, Peter Smith

Brunei (PUJA)

Marhani Abdullah, Hanafi Abdul Rahman, Low Ah Hai

Canada (CIQS)

Clint Kissoon

China (CECA)

Ma Guizhi, Zhang Yunkuan, Shi Li, Lin Wei

Hong Kong (HKIS)

TT Cheung, Paul Ho, Ellen Lau, Anita Lui

Japan (BSIJ)

Takayoshi Sato, Hiroshi Sugita, Kenta Fukagawa

Malaysia (ISM)

Ong See Lian, Dato' Mohd Gading, Dato Mohd Isahak, Kwan Hock Hai, Eddie Wong, Dianna Baharuddin, Chua Siow Leng, Abdul Shukor Ibrahim

Singapore (SISV)

Teoh Wooi Sin, Seah Kwee Yong, Edward Tang, Khoo Sze Boon, Goh Ngan Hong, Daniel Wong, Judy Poh

South Africa (ASAQS)

Patrick Waterson



Delegates at the PAQS Annual Board Meeting 2005

PAQS University Accreditation

The PAQS Accreditation Scheme for university courses has progressed well and is now in the implementation stage. The University of Melbourne in Australia was the first university to obtain PAQS Accreditation and was awarded their certification in February 2005 in an official ceremony.

In order to make PAQS Accreditation more achievable for all universities in the region, the Board resolved that the existing accreditation requirements would change from a "4 out of 5" system (requiring accreditation from at least four of the AIQS, NZIQS, HKIS, ISM or SISV) to an interim "1 plus 1" system whereby universities with accreditation from their own national institution plus one foreign member accreditation from either the AIQS, HKIS, ISM or SISV would be eligible for PAQS accreditation.

Further details on this system are provided earlier in this newsletter



2005 PAQS Board Meeting

Education & Accreditation Committee

This committee has been running for many years under the astute leadership of Mr. Chua Siow Leng (ISM) and has largely been responsible for the development of the PAQS accreditation system to this point. The Board elected to formalise this committee with Mr. Chua being appointed as Chair and Dr. Anita Lui (HKIS) elected as Secretary for the next two years. Each association nominated representatives to serve on this committee.

Research Committee

A key mission of the PAQS organisation is to encourage and assist research in the region. A range of projects have already been completed or have commenced and the Board felt that it was now necessary to establish a formal research committee. Mr. John Lowry (AIQS) was elected as the committee chairman and Mr. Peter Smith (AIQS) was appointed secretary.

International & External Affairs Committee

The PAQS organisation is now widely recognised in the region and major client institutions such as the Asian Development Bank are now becoming interested in the organisation. A committee has now been established to assist in developing a bridge between PAQS and other interested organisations. Mr. Trevor Main (AIQS) was elected as the committee chair.

Members' Business Register

The PAQS Members' Business Register commenced in 2004 and it is envisaged that it will be reprinted in 2006. This comprises a list of Quantity Surveying firms within the PAQS region who have applied for inclusion in the register and are considered by the PAQS Board to provide suitable standards of professional service. Firms are encouraged to apply for inclusion in the register through their national association.



PAQS Board Members and their Wives at the Chairman's Dinner



PAQS Chairman's Board Dinner



PAQS Chairman's Board Dinner

Future Congresses

PAQS Congresses have been held on an annual rotation basis since 1997 as follows:

1997	Singapore
1998	New Zealand (Queenstown)
1999	Malaysia (Kuala Lumpur)
2000	Australia (Cairns)
2001	Hong Kong and Beijing
2002	Australia (Melbourne) - in conjunction with the ICEC World Congress
2003	Japan
2004	South Africa (Cape Town) in conjunction with the ICEC World Congress
2005	China (Dalian)

Future Congresses will be held as follows:

2006	Singapore
2007	New Zealand
2008	Canada



ICEC Region IV Board Meeting 2005

The International Cost Engineering Council (ICEC) held its Region 4 Board meeting at the conclusion of the PAQS Board meeting. Like PAQS, ICEC is an association of professional cost management organisations. The bodies are not in competition but rather mutually supportive of each other's objectives of expanding the cost management cause around the globe. Membership of ICEC is now extensive and is indicative of the tremendous international growth of cost management associations.



ICEC Region IV Board Meeting Delegates

The ICEC organisation is divided into four regions as follows: Region 1 - North America and South America, Region 2 – Europe and the Near East, Region 3 – Africa and Region 4 – Asia Pacific.

Each of these regions has one annual regional meeting as well as other informal meetings through the year. The Region 4 Director is Mr. TT Cheung (HKIS) and the Region Secretary is Mr. Peter Smith (AIQS).



ICEC Region 4 Meeting

ICEC World Congress 2006

The 5th ICEC World Congress will be held in Ljubljana, Slovenia from April 23-26 2006. This Congress promises to be well attended by quantity surveyors and cost engineers from around the world. The theme is “Value Management – How to Ensure Value for Project Stakeholders”.

Slovenia is a country with an excellent geographic position at the crossroads of routes leading from the cold north to the warm Mediterranean south. On no more than 20,000 square kilometres, a fascinating variety of landscapes can be found, ranging from the Mediterranean seaside and stone Karst to the Alps and the Pannonian lowlands. Ljubljana is the capital of Slovenia and is located in the centre of the country, about an hour's drive from the Alps and the Adriatic Sea. It is a lively industrial, commercial, administrative, and cultural centre with a population of 300,000, 54,000 of which are students. Slovenia is recognised as being one of the lowest cost countries in Europe for overseas visitors. Ljubljana has relatively low priced direct flights from major surrounding cities such as London.

All PAQS members are invited to attend. Further details can be obtained from the following website:

<http://www.icec-ipma2006.org>



Discussion Paper

The Rise of China - 25 Years of Globalization

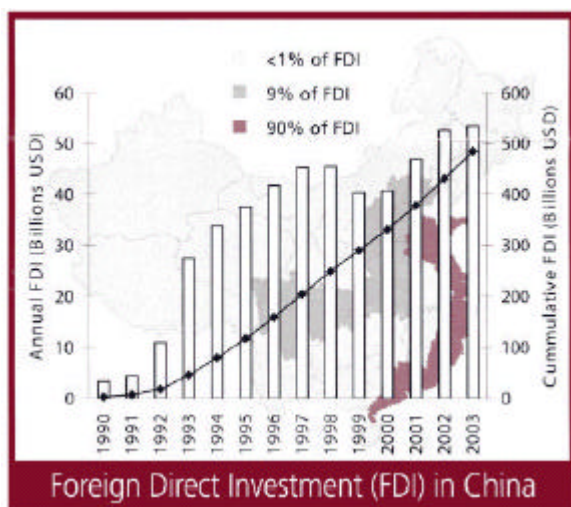
This paper was printed in the Hanscomb Means Report, International Construction Intelligence, Vol. 16, No. 9, July/August 2004. It was also published in the ICEC International Roundup Journal for Spring 2005. Permission to reprint this article has been obtained from Hanscomb Means through the ICEC association.

Introduction

When Deng Xiaoping initiated economic reform policies in 1979 China was a relatively closed society. After gaining control in 1949, the communist government had limited trading partners. Historically China moves from open trade (the Silk Road) to discouraging trade (portions of the Ming and Qing dynasties). Is China poised to become the powerful global presence its size would ordain?

The first economic reforms focused primarily on agriculture, but China began to open cautiously to the world. The government established five Special Economic Zones (three in the Guangdong Province) in 1980. Other economic zones followed as the reforms expanded. The slow transition from a centrally planned economy continued. In 1992, the economic reform program moved into the "socialist market economy" period. The move to open trade culminated in China's admission to the World Trade Organization (WTO), after much negotiation, in December 2001.

The coastal region, where most of the population lives, has attracted most of the foreign investment. China's "Western Development Strategy" began in 2000 to attract development in the inland regions. Realized values of foreign direct investment (FDI) into China reached USD 500 billion by the end of 2003. FDI totalled less than USD 19 billion during the 1980s.



Foreign investment is enabling China to become a leading producer of many goods. However, increased consumption of basic commodities is a consequence of manufacturing growth. Construction to provide infrastructure supporting this growth consumes increasing amounts of cement and steel.

China in World Economy		
Rank	Producer	Consumer
1	steel, cement, coal, mobile phone, digital cameras, color televisions, DVD players, pharmaceutical ingredients	steel, cement, copper, tin, platinum, zinc, coal, 'fine' chemicals, mobile phones
2	electricity	oil, aluminum, lead, electricity
3	semiconductor chips	nickel

Since the reforms began, the economy has enjoyed a historically unprecedented growth rate - an average annual growth rate of about 9 percent for 25 years. China's share of the world Gross Domestic Product (GDP) is now 10 percent. GDP per capita rose to USD 1,087 in 2003, a five-fold increase since reform began. Accompanying this is a rise in spending for consumer goods such as televisions, refrigerators, washing machines and mobile phones.

Even automobile sales are rising. With the explosion of cars, there is mayhem on the already crowded roads of the major urban areas due to the lack of rules. The Chinese now have the expression "che piq" (car temper) in their vocabulary to describe road rage.

Sheer volume of consumption does not tell the potential. After all, this is the world's most populous country - 1.3 billion (China and India have over one-third of the world's population.) A look at the underlying per capita values explains the real interest. Compared with other developed countries, the appetite for consumption can only grow. Investors are seeking markets and lower production costs.

Comparisons of China with other major countries are shown in a table on the following page.

The Push-Pull of China

Barry Piper, Director of Atkins Faithful & Gould in China, discussed the Push-Pull of China at the recent China Investment Forum.

The significant pull factor for many is that China is an inexpensive place for business. Low cost and abundant labour and low start-up and operating costs attract labour-intensive industries. China offers investment incentives (import/export, tax and land) and the state provides large subsidies for infrastructure improvements.



China Comparisons

	China	India	U.S.A.	U.K.	Germany	Japan
Rank						
Population	1	2	3	22	15	10
Area	4	7	3	78	62	61
Corruption Perception	66 (tie)	83 (tie)	18 (tie)	11 (tie)	16	21 (tie)
Per Capita						
GDP (USD)	1,086	2,900	37,800	27,700	27,600	28,000
Electricity (kWh)	1,010.1	466.8	12,292.4	5,742.4	6,148.6	7,573.8
Oil Consumption (bbl/day/1,000)	3.5	2.0	67.1	28.4	34.1	41.5
Mobile Phones (per 1,000)	159.1	20.6	480.4	824.2	728.5	637.1
Finished Steel (kg)	163.1	28.1	369.2	213.3	407.1	562.4
Machine Tools (USD)	5.09	0.26	13.90	12.02	52.52	32.36

China's entry into the World Trade Organisation (WTO) only increases attractiveness for offshore procurement and manufacturing. Total import and export volume increased from USD 509.7 billion in 2001 to USD 851.2 billion in 2003. Exports are only slightly higher than imports.

The push factors are many.

China is transforming and is still a work in progress so there are higher risks. The rule of law is still an issue as the "sanctity of contracts" and protection of intellectual property rights remains a concern for investors. Internal protectionism remains high.

Despite extremely high growth rates, there are serious concerns about the economy. State owned enterprise (SOE) reform is slow. Productivity increases compared with non-state enterprises are small. Their economic performance is lacklustre. Authorities are phasing out uncompetitive companies - large consumers of energy and environmentally unfriendly companies are prime targets.

The financial system has troubles intertwined with the SOEs. Loans to the non-profitable SOEs create an accumulation of bad loans. China has transferred funds to banks for several years.

Estimates of non-performing loans vary widely - between RMB 2,000 billion and RMB 4,000 billion for the four large state-owned banks. Banks are selling their non-performing entities to state-owned asset management companies in preparation for public offerings of bank shares to investors.

On the positive side, the savings rate of the Chinese is among the highest in the world.

While it may be difficult to conceive in a rapidly expanding economy, unemployment, estimated at about 20 percent, is growing. Privatization and downsizing of SOEs are primary reasons. There are signs of unrest as the transformation from a centrally planned to a market oriented economy is painful.

Investors must always consider quality. Quality of labour remains an issue, as does procurement quality control. It is inexpensive to do business in China, but quality can add to the cost. There is a need to investigate and understand the typical quality of services and products.

You also need to consider local standards for Health, Safety and Environment (HSE) procedures. Without implementing "Western" standards for HSE, investors can expect higher rates of accidents and loss of life. Higher standards produce higher costs.

Corruption problems are well known. Improved transparency is the government's goal, but investigations still find corruption at all levels of the government. The death penalty is a possible punishment for officials found guilty of corruption.

George Kluempke of Braun Intertec, an infrastructure engineering company in Minneapolis, Minnesota, cautioned the group to remember that the "Chinese people are ethical, but the Chinese system applies ethics differently." Professional standards and policies are different. It is important to understand this.

Piper noted that local contractors realize that the project completion date is critical. They might delay completion to have the contract renegotiated.

It is part of the Chinese culture - negotiations are not final. The contract is only the basis for further negotiations. Project budgets need to have reserves for the renegotiations.

Culture Clash

China is different from anywhere else in the world. Perhaps cultural aspects present the greatest challenges.

"The Chinese have all the time in the world," said Piper. "They use attrition - wait you out - to get what they want."

Your Chinese counterpart has some basic understanding of your cultural leanings just as you of the Chinese.



Piper presented viewpoints from a publication of the Fujian Foreign Investment Bureau illustrating how the Chinese perceive other nationalities:

- Japanese - "polite and modest ... very astute and patient ... they often put things off so they can find your real intention"
- Americans - "quick ... we should not take too long"
- British - "careful and very hard to get close to"
- Germans - "pay attention to the contract ... require every detail to be negotiated ... afterwards everything has to be followed strictly by the contract"
- Australians - "have the power to make decisions ... expect the same with us ... very efficient ... do not like to set price high at the start and then reduce by haggling"

Kluempke said they would have liked "a better understanding of culture and business practice" before investing in China.

Expectations

Investors should realize that the Chinese have expectations of the foreign investor. China's opening-up policy was and remains about the desire to acquire needed foreign equipment and technology. The government expects their WTO agreement to act as a political lever to help accomplish the necessary internal reforms.

The expectations of the foreign investor and a Chinese joint venture partner are likely to be very different. Kluempke told the group that it is important to "make sure the expectations are aligned."

Their joint venture partner's goals were very different. Braun Intertec viewed the joint venture as a long-term investment, but sought a return on the investment. Local public entity partners were not focused on returning profit to investors. They wanted to improve the standard of living for themselves and the company employees.

Piper quoted the Chinese saying "sleeping in the same bed, but having different dreams," to illustrate the potential problems with joint ventures.

Investors need to do their homework. Presenters left several keys to being successful in China:

- Understand and embrace the Chinese and their culture.
- Build relationships with the Chinese.
- Show commitment to China.
- Realize that institutions are evolving. Changes will continue.
- Hold your Chinese partner accountable.

"It is simple," said Piper about the approach to working in China, "starting right equals finishing right."



ISM Delegates on the Great Wall of China



PAQS Chairman's Dinner



PAQS Chairman's Dinner



PAQS ROUNDUP

News & Events

From

PAQS Member Countries

Australia

Australian Institute of Quantity

Surveyors (AIQS)

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The following information was provided by Mr. Terry Sanders

AIQS Collaboration With Peak Industry Bodies

The relatively small number of AIQS members (3,528) does not give the Institute very much power when it comes to lobbying Government for policy and procurement changes that will assist our members. However, the AIQS is an active member of a number of industry and professional peak councils that represent over 500,000 members across the country. AIQS Executive members, by actively participating in these peak bodies as officer holders (eg Secretary, Treasurer, Committee Chair) are able to very strongly represent the QS profession when they meet with Government Ministers and officials as part of the peak body delegations.

This representation is actually preferable to straight forward representation by the AIQS, as it is seen as having the support of the whole industry or professional organisations. No politician or bureaucrat is going to avoid listening to a representative of over 500,000 registered voters.

AIQS Establishes Middle East Division

The AIQS has over 100 members in the countries of the Middle East and consequently found increasing pressure from members for a more formal presence in the region to cater for CPD activities and membership administration. This particularly applied to members seeking elevation to Associate (full) membership, having completed their APC work experience requirements.

Following a visit to Dubai in 2004 by then AIQS Vice President and Over Seas Committee Chairman, Rob Little, the AIQS National Council approved the formation of a Division to encompass the Gulf states and other middle eastern countries. Dr Samaratunga was appointed the AIQS Representative for the Middle East Division.



Dr. Samaratunga

Since the Divisions formation in late 2004, they have been visited by Pat Copping from the AIQS Over Seas Section Committee, who conducted APC candidate and panel member training for members in Dubai. A social/CPD function was also held in Dubai at this time.

QS Marketing

The shortage of experienced and graduate Quantity Surveyors is virtually world-wide and shortages in Australia can not be fully met by immigration of skilled Quantity Surveyors. The main long term strategy that will meet the current and future demand for Quantity Surveyors is to increase the number of school students deciding to enrol in accredited university courses.

Consequently, the AIQS has undertaken a major careers promotion program to convince year 12 students and younger students to consider a career in Quantity Surveying. One aspect of this program is the development of a DVD on the quantity surveying profession.

The Institute has also commenced a major industry marketing program for the next five years titled "Raising the Profile". A market research firm will be engaged to undertake research on what current and potential QS clients understood or do not understand about QSs and the services QSs provide and to identify how the Institute can best market its services to industry. The results of the research will form the basis of a formal communications/marketing strategy for the next five years.

AIQS Best Practice Charter

The Federal Attorney General of Australia launched the AIQS Best Practice Charter early in December 2005 in Sydney. During a formal ceremony, Mr. Ruddock spoke about the uniqueness of the Charter and its benefits for consumers, clients and QS firms. He was very impressed with this initiative and also highlighted the need for implementing this Charter concept in other professions both within and outside the industry. Mr. Ruddock presented the Best Practice Charter certificates to 21 QS firm representatives who have signed the Charter.

The Charter requires signatories to meet and maintain their commitment to 26 Best Practice principles that cover Standards of Practice, Research and Innovation, Competition, Client and Staff Protection and Staff Training and Education.



Canada Canadian Institute of Quantity Surveyors (CIQS)

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Membership

As at 31 December 2004, membership of the CIQS comprised the following:

Professional Quantity Surveyors	614
Construction Estimators Certified	208
Associate Quantity Surveyors	200
Associate Construction Estimators	113
Students Part time	32
Affiliate	3
Retired	95
Honourary Life	7
Full time Students	<u>144</u>
Total	1416

Recent Developments

The following have been some of the recent developments in the CIQS:

- New office complete with meeting facilities, library and museum along with a warehouse for inventory and archives
- New web site launched including an online membership application form
- New membership database allowing members to update their profile and pay their membership fees online and allow staff to update and access membership information more efficiently
- New style magazine
- Free full time student membership
- CPD program put in place and made mandatory for members from 2005.
- Reciprocity agreements with similar professional associations

Student Bid Competition

(Note - This section was drawn from an article by Michael Michalski in the Spring 2005 Edition of the CIQS Journal the "Construction Economist")

The CIQS conducts an excellent annual bid competition for university students studying quantity surveying. The 2005 CIQS National Student Bid Competition was a tremendous success. A total of 44 bids were submitted from teams representing six colleges and universities around the country comprising Ryerson University, George Brown College, Conestoga College, British Columbia Institute of Technology, La Cite College and Mohawk College.

This year the competition was administered fully electronically with construction documents released electronically in partnership with Edge Builder through the eConstruction.com web site. Queries and addenda were issued online through a separate competition website. Overall the urgency of the bid submission process was felt by all participants due to the simulated real-world construction bidding process.

CIQS corporate members volunteered their services to provide guidance for the students and their professional expertise and knowledge proved invaluable. These members recognise that these students are the future of our profession and saw the value in participating.

The teams competed in four award categories. i) Overall Bid Package Award - the group with the most accurate and complete bid, ii) Presentation Award – the team with the most outstanding professional presentation of the final bid package documentation, iii) Closest to Target Price Award – based solely on the final bid amount, and iv) Professionalism Award – the team with the most outstanding professional conduct during the bidding process.

The CIQS would like to thank all of the organisers, corporate sponsors and participants for helping to make this a success.



Mr. Kint Kisson (centre), the CIQS delegate at the PAQS Board Meeting, with Mr. Peter Cox and Mr. Trevor Main from the AIQS



China
China Engineering Cost Association
(CECA)

Contact Details

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International Quantity Surveying Research

CECA have been involved in an extensive research program examining Quantity Surveying Education and Accreditation Systems in six regions/countries, namely Australia, China, Hong Kong, Malaysia, Singapore and the United Kingdom. The purpose of the research is to assist CECA in developing their own accreditation systems for Quantity Surveying/Cost Engineering Higher Education programs in China.

The research team comprised the following:

Research Project Presidents

Dr. Anita Lui, Hong Kong University
Professor Yin Yilin, Tianjin University of Technology

Research Assistants

Yan Ling, Sun Chunling, Ke Hong, Gao Hua, Li Lihong
(Tianjin University of Technology)

The professional associations who assisted in the research comprised the AIQS, CECA, HKIS, ISM, SISV, RICS and the Board of Quantity Surveyors Malaysia (BQSM).

The universities involved in the research were:

Australia

Deakin University, University of Technology Sydney

China

Tianjin University of Technology, Dongbei University of Finance and Economics, Tongji University, Fujian University of Technology, Zhejiang Water Conservancy and Hydropower College, Xi'an University of Architecture and Technology, Tianjin University of Commerce, Jiangxi University of Science and Technology

Hong Kong

Hong Kong University, Hong Kong Polytechnic University, City University of Hong Kong

Malaysia

University of Technology Malaysia, University of Technology MARA

Singapore

National University of Singapore

United Kingdom

Glasgow Caledonian University, University of Greenwich, University of Manchester, Institute of Science and Technology, University of Reading, University of Wolverhampton.

To date the research has resulted in the production of two publications:

“Comparative Research on Quantity Surveying Higher Education and Accreditation Systems in Asian Countries and the UK”

(jointly published by the University of Hong Kong and Tianjin University of Technology).

“Introduction to the Development of Cost Engineering In the World”

(published by the Tianjin University Press).

This research is continuing and will prove of enormous value in the development of quantity surveying education standards in China.



Madam Ma Guizhi (Secretary General of CECA) with Mr. Peter Cox and Mr. Trevor Main from the AIQS at the PAQS Board Meeting.

Reciprocity Agreement With HKIS

In May 2005 an historic milestone was achieved in the development of CECA when an agreement on the mutual recognition of professional qualifications between HKIS and CECA was formally signed in Beijing. Further details on this agreement are provided in the following section on the HKIS.

Hong Kong Hong Kong Institute of Surveyors (HKIS)

Contact Details

Main Office Bearers:

Mr. TT Cheung (President)

Mr. Wong Chung Hang (Senior Vice President)

QS Division

Chairman Dr. Paul HO

Vice – Chairman Mr. Spencer Kwan

Honorary Secretary

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The following information was supplied by Dr. Paul Ho, Chairman of the HKIS Quantity Surveying Division and from the HKIS website.

Past PAQS Chairman Elected President of HKIS

Mr. TT Cheung, past Chairman of PAQS, was elected as President of the HKIS for the 2004-05 term. TT is also on the Board of Directors of CECA and has done a tremendous amount of work in developing the quantity surveying/cost engineering profession in Mainland China. TT is also Region 4 Director for the International Cost Engineering Council (ICEC). This is indeed a great achievement and will further strengthen the PAQS links with Hong Kong and Mainland China.

Reciprocity Agreement With China

After years of negotiation, an agreement on the mutual recognition of professional qualifications between HKIS and the China Engineering Cost Association (CECA) was formally signed in Beijing on 24 May 2005. This is a milestone for Hong Kong's quantity surveyors to practice in Mainland China through the CECA qualification. Over 200 applicants from both sides are expected to sit an assessment at the end of the year to qualify for membership into the respective organisations.

A HKIS delegation comprising more than 20 members went to Beijing to attend the reciprocity signing ceremony.

Guests of honour at the ceremony included Liu Zhifeng (Deputy Director, Ministry of Construction), Zhang Yun-kuan (President, CECA), Ma Gui-zhi (Vice President and Secretary General, CECA), Lo Yiu-ching (Permanent Secretary for the Environment, Transport and Works, HKSAR Government), TT Cheung (President, HKIS), Cheng Sam (QSD Chairman, HKIS) and also many directors from major quantity surveying firms.



**HKIS and CECA Delegates and Dignitaries at the Reciprocity
Signing Ceremony**

Education

There is a growing trend in Hong Kong for combined courses in surveying. Hong Kong has 3 universities providing surveying degree programs: University of Hong Kong (HKU), Hong Kong Polytechnic University (HKPU) and City University of Hong Kong (CityU). The HKPU currently has programs for the separate disciplines but these will be merged into one course starting with the 2005 intake. This is in line with the HKSAR government's education reform in Hong Kong. "3-3-4" is a term now widely used to represent a series of changes in the way junior, secondary and tertiary education is organised in China.

Letter of Intent With RICS

The HKIS and the RICS have signed a Letter of Intent (LOI) during the RICS Presidential visit to the HKIS in April 2005. This paves the way for the preparation of a new partnership agreement between the two institutes.

New Publications

A new version of the Standard Form of Building Contracts (SBFC 2005) was launched in April 2005. This new standard form for non-government projects in Hong Kong consists of three documents – the Agreement and Schedule of Building Contract (Standard Form of Building Contract Private Edition – With Quantities), Agreement and Schedule of Conditions of Nominated Subcontracts and Agreement and Schedule of Nominated Supply Contracts.

The General Practice Division of the HKIS have introduced a new publication titled "The HKIS Valuation Standards on Properties". Other publications planned by the HKIS include a new version of the Agreement and Schedule of Building Contract (Standard Form of Building Contract Private Edition – Without Quantities), a new version of the Hong Kong Standard Method of Measurement (SMM4), the Standard Form of Contract on Building Maintenance Works and the Business Valuation Standard.



Malaysia
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(ISM)

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The following information was derived from a report prepared by Mr. Ong See Lian at the PAQS Board meeting.

Membership

As at May 2005, membership of the ISM numbers 4,251. This comprises the following breakdown: Land Surveyors (1,019), Property Consultants/Valuation Surveyors (977), Quantity Surveyors (1,989) and Building Surveyors (266).

ISM QS Division Visits and Dialogues

The ISM QS Division has been very actively involved in visits and dialogue with major industry departments and boards. They met with the Board of Quantity Surveyors Malaysia to discuss matters pertaining to international affairs, marketing and professional standards, research and development strategies, strategic plans, dispute resolution, continuing professional development and certification of fitness for the occupation of buildings.

They met with the Minister of Works Malaysia to discuss issues relating to the professional fees and service tax, the quality of services, the issuance of self-certification of fitness for the occupation of buildings and globalisation. Another meeting was held with the Ministry of International Trade Malaysia to talk about assistance and logistics centres overseas to assist professionals and having a local professional enclave for centralised access by foreign investors.

Talks were then held with the Ministry of Finance Malaysia to discuss the professional fees and service tax and the participation of professionals in the 9th Malaysian plan. Finally, they met with the Malaysian Industries Development Authority to discuss the preparation for opening up of the professional services sector under the WTO, the export of professional services and the integration of professional services.

ISO 9001 – 2000 Quality Management System

The ISM is proud to announce that a total of 36 Quantity Surveying firms have now achieved ISO 9001:2000 certification under the ISM Group Scheme.

Members Resource Centre and Website

The ISM has now completed the renovation and expansion of a Resource Centre for its members. The facilities include 10 computers enabling access to the internet for members. The QS Division is also developing a new website and emailing system for its members.

SMM3 – Tabulated Standard Method of Measurement

Having published the SMM2 in 2000, the QS Division has continued to improve and develop it and is now in the process of drafting a tabulated edition for SMM3 to cater for computerised coding and digitised CAD measurements

Building Costs Information Centre (BCIC)

The Building Costs Information Centre of the ISM have held discussions with the RICS for joint co-operation in developing and improving the costs data bank for the benefit of its members.

Young Achievers Award

The Young Achievers Award was implemented in 2000 to promote the surveying profession as a career to secondary school children. It has proven to be successful with a number of participants expressing interest in entering tertiary study for quantity surveying. Whilst currently confined to Malaysian schools, the ISM is looking at the logistics of extending it to schools of neighbouring countries.

Construction Contracts (Payment) Act

The QS Division is working jointly with the Construction Industry Development Board (CIDB) of Malaysia to develop a Construction Contracts Act regarding payment issues in the construction industry.

ISM Congress 2005

The annual ISM Congress was held in June 2005 and was followed by the ISM Annual General Meeting and Annual Dinner. The venue was the Sheraton Subang on Selangor.

Board of Quantity Surveyors Malaysia – New Website

The Board of Quantity Surveyors Malaysia has recently launched its new website with greatly improved features. The Board is primarily responsible for the registration of Quantity Surveyors in Malaysia. Their website is:

<http://www.bqsm.gov.my>



New Zealand New Zealand Institute of Quantity Surveyors (NZIQS)

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The following information was supplied by Mr. John Granville, Executive Director of the NZIQS.

New President

Ms Cathy Giddens was recently elected as the new NZIQS President. Ms. Giddens is the first female president in the history of the national QS organisation which was first established in 1943. Cathy is the Managing Editor of Rawlinson's Construction Cost Handbook. This is widely used in New Zealand as a source of pricing for labour and materials and a source of past construction indices.



Ms. Cathy Giddens

New Zealand Construction Industry

The New Zealand construction industry is having its busiest construction program ever and construction legislation is also under active and significant review. Although the past quarter shows a slow decrease in the growth of residential building consents the growth in the commercial and industrial sectors and infrastructure continues to grow. There is a shortage of quantity surveyors, civil engineers, builders and several specialist construction trades, as well as experienced building inspectors which is placing pressures on project start and completion times and also a strain on the local authority building consent and inspection processes.

NZIQS News

NZIQS numbers have exceeded 1000 for the first time since 1995. The four main branches have been active in organising seminars, social events and continuing professional development programs for members which have been well attended and are increasing the value of membership. Events are taking place outside of the four main centres also which greatly benefit individual members who attend.

Meanwhile Council and the national office are maintaining an influence through membership of the New Zealand Construction Industry Council, representation on tertiary provider working committees throughout New Zealand for QS National Diploma and QS degree programmes and on the Department of Building and Housing occupational licensing committees.

The NZIQS will be a nominating body for accredited adjudicators in 2006, has authorised production of a modern video/cd promoting Quantity Surveying as a career and is promoting the qualified NZIQS member and the Registered Quantity Surveyor as benchmark qualifications. Following the revised PAQS Competency Standards, the NZIQS is undertaking re-accreditation visits for the two NZ QS degree programs in 2006.

Student Mentoring Program

In July 2005, the NZIQS Auckland Branch signed an agreement with UNITEC to establish the first Student Mentoring program for the Institute. This agreement provides a set of guidelines whereby senior members of the Branch nominated by the Branch Board and approved by Council, are available as student mentors to the student cohort in the UNITEC degree programme as approved by UNITEC. Cooperation between the Branch and UNITEC staff has been vital to start this program which is intended to complement UNITEC student programs and support QS students with experienced QS practitioners. The mentors range from single member practices to major construction companies and QS firms. It is hoped that within two years all tertiary providers of the QS Diploma and degree programmes in NZ will have signed up to the program with the relevant branches for the benefit of all concerned. The agreement was signed by NZIQS President Cathy Giddens and the CEO of UNITEC, John Webster.



Signing of the Student Mentor Program Agreement

PAQS Congress 2007

The eleventh PAQS Congress and Annual Board Meeting will be hosted by the NZIQS in Auckland between 8-13 June 2007. Further details can be found on the NZIQS website.



Singapore Singapore Institute of Surveyors & Valuers (SISV)

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The following information was obtained from the report by Mr. Teoh Wooi Sin at the PAQS Board Meeting and the SISV website.

QS Division Council 2005-2007

The QS Division Council for 2005-2007 was recently elected. The council members are shown below:



Sitting (left to right): Goh Ngan Hong, Seah Choo Meng, Terence Goh, Iris Teng, Chee Huey Mien, Kee Bee Kheng. Standing (left to right): Khoo Sze Boon, Daniel Wong, Teoh Wooi Sin, Lam Chye Shing, Chiam Toon Jiak, Raymond Lim, Wong Kin Hoong, Lim Keng Seng, Peter Fong, Thomas Lim

Security of Payment Act 2004

The Building and Construction Industry Security of Payment Act 2004 was enacted in November 2004 and came into operation on 1 April 2005. Under the Act, a progress payment certificate or a response has to be issued to every progress payment claim submitted by a contractor or subcontractor. The certificate needs to state the amount certified and the reasons for any difference between the certified amount and the claimed amount. If no response or progress payment certificate is issued, or the progress payment certificate is issued but the

contractor/subcontractor is not paid, the contractor/subcontractor is entitled to suspend work upon serving a proper notice. In addition the contractor/subcontractor concerned may apply for a fast-track adjudication to obtain a quick summary determination of a dispute in the payment amount. In the event of an adjudicated amount not being paid, the contractor/subcontractor, upon serving a proper notice, can file the adjudicated certificate in a court of law as a judgment debt.

The SISV, together with other players and stakeholders in the construction industry, has played an instrumental role in providing feedback to the Government during the drafting of the Act. This helps to ensure that the Act, which is modelled on similar legislation in the UK, Australia and New Zealand, contains features that have been adapted to suit local conditions.

The SISV has also been instrumental in its role in preparing professionals, developers, contractors and subcontractors in adopting the new practices under the new payment regime brought about through the Act.

Construction Safety Review

The Government has formed an inter-Ministry Committee to carry out a thorough review of the safety system in the construction industry. This follows three serious workplace accidents on projects at the Nicoll Highway, the Fusionpolis Complex and the Keppel Shipyard.

The Government is formulating a new framework and roadmap to improve the safety culture and standards. It recognises the need to involve all stakeholders in the construction industry and adopt new principles to accelerate changes in mindsets so as to ingrain good safety habits in all individuals at the workplace. A series of stakeholder consultations have been carried out and further have been planned by the inter-Ministry Committee. The SISV, being a key stakeholder, participated actively in all the consultation sessions.

Construction Electronic Measurement Standards (CEMS)

The entire Construction Electronic Measurement Standards is now completed. In 2005 and the years ahead, the SISV will continue its efforts to achieve the ultimate aim of automated quantity taking-off and bill production under the umbrella of the E-Procurement System of CORENET.

Tsunami Projects – Sri Lanka and the Maldives

The SISV is involved in several Tsunami Projects through the Construction Industry Joint Committee (CIJC) comprising organisations representing developers, other professionals and contractors. Thus far, two projects have been planned. These comprise an integrated primary and secondary school in the Maldives and the refurbishment of three schools Sri Lanka.

Sri Lanka Institute of Quantity Surveyors Sri Lanka (IQSSL)

Contact Details

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Vice President: Mr. Elmo Fernando
Secretary: Mr. Lalatha Amarasekara

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The following information was obtained from the report by Professor Chitra Weddikkara at the PAQS Board Meeting and the IQSSL website.

Membership

As at 31 December 2004, membership of the IQSSL totalled 621 and comprised the following breakdown: Fellows 4, Associates 67, Graduates 192, Registered 20, Probationary 19, Students 319.

The History of the IQSSL

The origin of the IQSSL is related in many ways to the beginning of Quantity Surveying practice in Sri Lanka. Quantity surveying practice originated due to the colonisation of Sri Lanka by the British and the first recorded history of quantity surveyors in Sri Lanka is in the 1930's. However, with the 1940's depression, all quantity surveyors left except for one that was attached to the Public Works Department. He was instrumental in sending those employed under him for training under the Commonwealth Scholarship program. Those who were trained abroad returned to the country and originated the commencement of the Builders Quantities Course at technician level with the support from the government. They were four in number namely Professor H.P.S. Caldera, Mr. Tony Miskin, Mr. H.D. Chandrasena and Mr. Prasad Senarathna. They were the founders of the Sri Lanka Association of Quantity surveyors.

In 1974 the Commonwealth Association of Surveyors and Land Economy (CASLE) held their international seminar in Colombo where they identified the need for the formation of an Institute of Quantity Surveyors as well as the need for university level education for Quantity Surveyors. Thus the Institute of Quantity Surveyors Sri Lanka was founded in the early 1980's by the three remaining quantity surveyors (since one had migrated to Australia by then). The three founding members of the

present Institute of Quantity Surveyors were Prof. H.P.S. Caldera, Mr. Tony Miskin and Mr. HD Chandrasena.

The institute existed on a low key due to lack of members but within a period of 3 years a further three members joined the institute making a total of 6 members. During this period three members of the institute had the dual task of developing the Quantity surveying profession and working towards its acceptance in the industry as well as by the government authorities. From its humble beginning with a handful of members in the 1980s, the Institute has now become a formidable force in the construction industry with the strength of over 600 members including 71 corporate members.

IQSSL College of Quantity Surveying

The Institute has recently formed the College of Quantity Surveying which is a significant achievement. The college will conduct courses of study leading to professional qualifications. In 2006 a probationary level of quantity surveying courses will be run for school leavers. Mr. H.D. Chandrasena has been appointed as Chairman of the college and Dr. R. Rameezdeen is the Course Director.

Overseas Members

A high proportion of IQSSL members are engaged on overseas assignments and, accordingly, the Institute has officially appointed member representatives in the United Arab Emirates (Dr. Sam Samarathunga), Qatar (Mr. Travis Damian Fernando) and Australia (Mr. Wipul Palihakkara). Steps are being taken to appoint representatives in other countries such as Oman, South East Asia and the UK over the next year.

Assessment of Professional Competency (APC)

The Institute now holds APC examinations twice a year. In the past year six members were successful in these exams and were admitted to associate membership.

Future Plans

The Institute plans to restructure its management with the introduction of new boards to the Council to handle various disciplines concerned. These will include a Professional Affairs Board, an Education Board and a Membership Board. The Institute will issue an official seal for all its corporate members from next year on a renewable basis and the list of names of current corporate members will be circulated in the industry in order to avoid fraudulent practices.

The Institute plans to launch a Newsletter in 2006 which will be issued periodically to enable members to keep abreast of activities and developments. It is also exploring the possibility of publishing a construction cost guide to encourage scientific estimating and to promote good estimating practices in Sri Lanka.



Brunei
**Institution of Surveyors, Engineers
& Architects (PUJA)**

Contact Details

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General Information about Brunei

This information has been obtained from the Brunei Government Website (<http://www.brunei.gov.bn>)

Brunei Darussalam is situated on the north-west of the island of Borneo with a coastline along the South China Sea. It is bounded on the North by the South China Sea and on all the other sides by Malaysian State of Sarawak. The country is divided into four districts namely Brunei/Muara, Tutong, Belait and Temburong. Bandar Seri Begawan is the capital city.

The population of Brunei is small. As at 2004 it had an estimated population of 357,800. The official language is Malay and other languages include English and Chinese (various dialects).

Brunei is still very much dependent on revenue from crude oil and natural gas to finance its development programs. It is the third largest oil producer in Southeast Asia producing 163,000 barrels per day. It is also the fourth largest producer of liquefied natural gas in the world.

As in most developing nations, there is a shortage of skilled workers in the country. Therefore, great emphasis is placed upon education. The main areas of interest in human resources development are managerial and industrial skills, with particular emphasis on entrepreneurial skills as well as vocational and technical training. Brunei's small population accounts for its limited labour force. With the implementation of ambitious plans in recent years, the country has had to recruit both skilled and unskilled labour from abroad.

The Ministry of Industry and Primary Resources is the focal point for all industrial development and coordinates all development activities. The Ministry is a One-Stop Agency for foreign investors and developers. It is relatively easy to start an development in Brunei. A totally private development which does not require Government facilities needs only the approval to start. Those requiring Government facilities and assistance need only deal with the Ministry, which will liaise with other agencies and expedite applications.



Fiji
**Fiji Institute of Quantity Surveyors
(FIQS)**

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General

The Fiji Institute of Quantity Surveyors was established in 1993. Currently, the Institute has 75 members.

Japan
**Building Surveyor's Institute of
Japan (BSIJ)**

Contact Details

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South Africa
**Association of South African
Quantity Surveyors (ASAQS)**

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10th PAQS CONGRESS

Singapore

21-24 May, 2006

The Singapore Institute Of Surveyors & Valuers (SISV) will be hosting the 2006 PAQS Congress at the Marina Mandarin Hotel in Singapore from 21-24 May.

SISV would like to invite all their PAQS colleagues to attend and submit papers for the event.

Further information can be obtained as follows:

Conference Secretariat
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Fax: +65-6225 2453

E-mail
paqs2006@sisv.org.au

Website:
<http://www.sisv.org.sg/10paqs>



5th ICEC WORLD CONGRESS

Ljubljana, Slovenia

23-26 April, 2006

The International Cost Engineering Council (ICEC) will be holding their 5th World Congress on Quantity Surveying, Cost Engineering and Project Management in conjunction with the International Project Management Association (IPMA). The venue is Ljubljana, Slovenia

ICEC invites all their PAQS colleagues to attend.

Further information can be obtained as follows:

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