



Pacific Association of Quantity Surveyors Newsletter

Editor
Peter Smith
C/- University of Technology, Sydney
Faculty of Design, Architecture & Building
PO Box 123
BROADWAY NSW 2007
AUSTRALIA
Tel: +61 2 9514 8732
Fax: +61 2 9514 8051
Email: peter.smith@uts.edu.au

Issue 9 — December 2004

<http://www.paqs.net>

Welcome

Welcome to the 9th issue of the annual Pacific Association of Quantity Surveyors' (PAQS) Newsletter.

This year's PAQS Congress was held in conjunction with the ICEC 4th World Congress in Capetown, South Africa from 17 – 21 April 2004. The Congress was a huge success with over 450 delegates attending from all corners of the globe. Congratulations are in order to the Congress Organising Committee chaired by Mr. Len Harris from the Association of South African Quantity Surveyors (ASAQS).

Chairman's Address

PAQS Chairman
Mr. Ong See Lian
and wife May
at the PAQS/ICEC
Congress Dinner



It gives me great pleasure in bringing you this message and trust that all things are well with you.

I am thankful to God that during the last several months there have been quite a lot of activities organized in the name of PAQS. In April this year the 8th PAQS Congress was held in Cape Town South Africa in conjunction with the 4th ICEC World Congress. The Congress was well attended by members of PAQS and the PAQS Board meeting was also successfully held. Although the Congress was well organized, it was unfortunate that little prominence was accorded to PAQS.

In June, the Singapore Institute of Surveyors and Valuers (SISV) organized a CPD Seminar on "A Review of Unforeseen Ground Conditions Clauses in the Land Transport Authority and Public Sector Forms of Construction Contract" for the benefit of PAQS. The seminar was attended by about 60 participants and the speaker, Mr. Stephen W. Rae of James R Knowles (S) Pte. Ltd., was able to sustain the interest of all the participants until the end.

(cont'd next page).

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

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. Ong See Lian (ISM)

Immediate Past Chairman

Mr. T.T. Cheung (HKIS)

1st Vice-Chairman

Mr. Takayoshi Sato (BSIJ)

Treasurer

Mr. Terry Sanders (AIQS)

Secretary

Mr. Kwan Hock Hai (ISM)

Secretariat

Institution of Surveyors Malaysia

Attention: Katherine Thiang

PO Box 171, 46720 Petaling Jaya,

Selangor, Malaysia

Tel: +60 3 756 9728

Fax: +60 3 755 0253

Email: ism@po.jaring.my

Chairman's Address (cont'd)

I wish to take this opportunity to thank the SISV for taking this initiative to organize the seminar and for inviting me to officiate at the seminar.

In September, PAQS together with the Institution of Surveyors Malaysia (ISM) and the Board of Quantity Surveyors Malaysia (BQSM) successfully organized the International QS Convention 2004 in Kuala Lumpur with the theme "Value & Innovation – Our Competitive Edge". This convention was able to draw more than 450 participants with 50 delegates coming from overseas. Twenty technical papers were presented by speakers from Australia, China, Hong Kong, Japan, Singapore and Malaysia. This is the first time PAQS was able to organize a convention of such magnitude. I wish to thank BQSM and ISM for giving us the opportunity to be co-organizers of this convention.

The Education Sub-committee held a working session on the sideline of the QS International Convention in Kuala Lumpur. I am pleased to note the review of the core competency standards has been completed and much progress has also been achieved in the area of common accreditation standards and procedures. It is my hope that PAQS will be able to publish the said standards and procedures in the not too distant future.

In October, I had the opportunity of visiting Beijing, Tianjin and Dalian. During my stay in Beijing, I paid a visit to the China Engineering Cost Association (CECA) and met the new President of CECA, Madam Zhang Yunkuan. At the meeting, I reiterated PAQS's support for CECA in the area of education and CPD programs. I also thanked CECA for agreeing to organize the 9th PAQS Congress in June 2005 in Dalian.

From Beijing, I made a one-day visit to Tianjin University of Science & Technology where I was given an opportunity to speak to about 30 postgraduate students in construction economics and cost management. I am impressed by the progress achieved by the University in having a course specializing in construction economics and cost management. The dialogue session I had with the students also indicated that Chinese students and professionals are very keen to engage themselves in the international forum. As such PAQS can play a meaningful role in making this a reality for our Chinese counterparts in the coming years.

After the visit to Tianjin, I was accompanied by the Secretary General of CECA, Madam Ma Guizhi to make a visit to Dalian in order to have an "inspection" of the conference facilities for the coming PAQS Congress which is the Shangri-la Hotel Dalian. I was not only impressed by the high standard of the conference facilities but also enchanted by the beauty and the clean environment of the city of Dalian. I would therefore strongly recommend that you should take the opportunity to visit Dalian by attending the 9th PAQS Congress which will be held from 25 to 28th June 2005. The organisers

are working very hard to make this Congress one of the best congresses ever held.

I have also requested the organizers to include a PAQS golf tournament to be held immediately after the Congress. The organizers expect no less than 400 participants at this Congress and I invite you all to Dalian for a rewarding experience.

During my visit to Dalian, I was also invited to the School of Construction Management of the Dalian Dong Bei Finance and Management University. I met the Dean of the School and several of the faculty staff. They have all expressed their enthusiasm and eagerness to align their courses in construction management in line with the international standards. I expressed to them the support of PAQS in fostering networking among institutions of higher learning in the respective PAQS member countries. I also invited them to make a study tour to institutions of higher learning in the PAQS member countries.

It is my sincere hope that PAQS will continue to play a meaningful role in promoting and developing the profession of quantity surveying and construction cost management in the years to come. In this regard I look forward to the continuous co-operation of all member institutions of PAQS.

As we are approaching the end of yet another year, may I take this opportunity to wish you all a blessed holiday seasons and a happy new year. Let us take this opportunity to reflect on the blessings we have received in the past year and be thankful. May the good Lord bless you always.

Mr. Ong See Lian
PAQS Chairman

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: A\$120 per quarter page advertisement. Newsletter published annually.

Contributions

Contributions to the 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.

The Role of PAQS

PAQS was formed in 1996 and is an international association of national organizations representing Quantity Surveyors in the Asia and Pacific region.

The role of the organisation is the promotion of Quantity Surveying (QS) in the region, "best practice", dialogue between member organizations, regional co-operation in the practice of QS, 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.

PAQS 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.

PAQS Member Websites

Australian Institute of Quantity Surveyors (AIQS)
<http://www.aiqs.com.au>

Building Surveyors Institute of Japan (BSIJ)
<http://www.bsi-j.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>

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>

Institute of Quantity Surveyors Sri Lanka (IQSSL)
<http://www.iqssl.org>

International Cost Engineering Council (ICEC)
<http://www.icoste.org>

ESTIMATING • JOB COSTING • CONTRACT ADMINISTRATION • FINANCIAL ACCOUNTING



Software for Construction and Engineering

www.cssp.biz

Email: info@cssp.biz

Cheops

Construction and Engineering job costing, contract administration and financial accounting system

Ripac

QS and Consulting Engineers Pre Contract, Post Contract and Estimating system

EES

Engineering Estimating System. Includes project/part level estimating, approximate quantities



Adelaide... Phone: +61 (0)8 8364 1922
Brisbane... Phone: +61 (0)7 3351 1544
Melbourne... Phone: +61 (0)3 9568 3166
Perth... Phone: +61 (0)8 9474 4032

Sydney... Phone: +61 (0)2 9437 9399
Auckland... Phone: +64 (0)9 377 3269
Bangkok... Phone: +66 (0)2 662 5887
Hong Kong... Phone: +852 2166 8980

Kuala Lumpur... Phone: +60 (0)3 2166 9966
Singapore... Phone: +65 9635 9420
Vietnam... Phone: +84 (8) 8930 6070
London... Phone: +44 (0)20 8460 0022

PAQS Awards 2004

PAQS award categories comprise the PAQS Medal and Service, Academic and Technical Innovation Awards.

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. The winner of this year's medal was **Mr. TT Cheung** from the Hong Kong Institute of Surveyors (HKIS).



Mr. TT Cheung (right) receiving the 2004 PAQS Medal from the PAQS Chairman, Mr. Ong See Lian

Mr. Cheung is the immediate past chairman of PAQS and has been very instrumental in the development of the association to its current status. He was born in Hong Kong and is married with 2 children.

He has a Bachelor of Science in Quantity Surveying with First Class Honours from the University of Hong Kong 1985 and a Master of Science from the Bartlett School of Architecture, University College of London specializing in building economics and project management.

He received his professional QS training in Levett and Bailey as a graduate QS in 1985 and was promoted to Associate in 5 years. In 1991 he worked for a local property developer as Assistant General Manager overseeing their property portfolio in both Hong Kong and China. In 1995, he joined an American property developer with substantial land development in China as General Manager and was resident in China for 3 years. Upon his return to Hong Kong in 1999, he is now the Managing Director of a construction and fitting out subsidiary of a Hong Kong listed company with investments in both Hong Kong and China. He has vast experience in the China property development market.

He is a fellow of the HKIS and RICS and is a Director of the China Engineering Cost Association. He was the past Chairman of the Quantity Surveying Division of HKIS. He also serves on the Board of a number of organizations

on a charity basis including the Hospital Authority and the Society for the Relief of Disabled Children. He is also the external examiner for surveying courses of both the University of Hong Kong and the Hong Kong Polytechnic University. He has recently been very involved in assisting the China Engineering Cost Association in developing accreditation systems for the rapidly growing numbers of cost engineers in that country.

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 institutions.

The winners of this year's service award were **Mr Kouichi Noro** from the BSIJ and **Mr. Peter Smith** from the AIQS.



Mr. Kouichi Noro (BSIJ) and Wife at the Congress Dinner PAQS Service Award 2004

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. No nominations were received for either of these two award in 2004.

Future Award Nominations

Potential award recipients must be nominated by peers. Nominations for the 2005 Awards should be sent to your local PAQS member association by March 2005. Nominations should include a one page summary of the nominee's achievements.

Rawlinsons

ARE YOUR BUILDING COSTS BALLOONING?

Australian Construction Handbook & Construction Cost Guide 2005 will help keep your building costs under control



900 page
Rawlinsons Australian
Construction
Handbook 2005

Australia's largest library of
construction information for
medium and large projects

only \$280 (Inc gst)



270 page
Rawlinsons
Construction
Cost Guide 2005

An essential reference book
for the smaller builder,
architect/consultant and
many others

only \$176 (Inc gst)

FOR YOUR COPY CONTACT RAWLHOUSE PUBLISHING PTY LTD

Phone (08) 9321 8951 Fax (08) 9481 1914 or mail to PO Box 145 West Perth WA 6872

SYDNEY Phone (02) 9279 2699 GPO Box 274 Sydney NSW 2001 **MELBOURNE** Phone (03) 9529 8000 GPO Box 95A Melbourne VIC 3001

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:

F. M. Githaiga
 Secretary General
 PO Box 22905
 Nairobi, KENYA
 Phone: 254 2 374 3347 or 254 2 375 4634
 Fax: 254-2-374-3490
 E mail: fmprojects@projectskenya.com
 Website: <http://www.aaqs.org>

8th PAQS Congress & 4th ICEC World Congress

Capetown, South Africa

The 8th PAQS Congress was held in conjunction with the 4th ICEC World Congress in Capetown, South Africa from 17-21 April 2004. The event was hosted and organised by the Association of South African Quantity Surveyors (ASAQS) and the Cost Engineering Association of Southern Africa (CEASA). The Congress was a great success with over 450 delegates attending from around the world.

Congratulations are in order to the following Organising Committee members:

Congress Chairman

Mr. Len Harris

Financial Director

Mr. Mark Grant

CEASA Rep

Mr. Theo Swart

Technical Director

Professor Basie Verster

Events Director

Mr. Abu Varachhia

ASAQS Rep

Mr. Des Linder



Professor Basie Verster (left) and Mr. Len Harris

The Congress was held at the Capetown International Convention Centre and the hosts provided delegates and their partners with a varied and professional technical program and an entertaining social program.

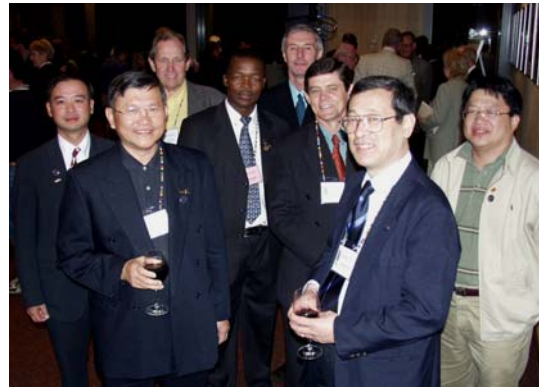
A thought provoking Opening Address challenged delegates to consider the advances made in South Africa over the last ten years and encouraged people to look to the future with confidence and commitment.

The theme of the conference was “Value Beyond Cost” and the three day conference saw over 70 papers presented from authors around the world.

A CD of the papers is available for purchase from the ASAQS.



Main Conference Auditorium



PAQS & ASAQS Board Members



PAQS Treasurer Mr. Terry Sanders with Congress Delegates



ICEC Board Members

2004 ICEC Awards

A number of ICEC awards were presented at the Congress Gala Dinner. PAQS members featured prominently.

Jan Korevaar Outstanding Paper Award

This award recognizes the paper chosen by Congress delegates through their evaluations as the outstanding paper presented at each International Cost Engineering Congress. The award was created in memory of Jan Korevaar, Executive Director of the Dutch Association of Cost Engineers and Assistant Secretary of ICEC for many years. The recipient of the Korevaar Award for 2004 was Kevin M. Mattheys for his paper "Development of an Integrated Business and Career Model for Cost Engineering"

Two honourable mention awards were presented in addition to the winning paper. These papers had evaluations nearly as high as the winning paper and also attracted exceptionally large audiences because of their interest level and thus were deemed worthy of special recognition. These runner-up papers were awarded to two PAQS members:

Peter Smith (AIQS) - "Trends in the Australian Quantity Surveying Profession: 1995-2003"

Eugene Seah (SISV) - "Do's and Don'ts for E-Tendering: A Quantity Surveying Perspective"



Mr. Eugene Seah (SISV) presenting his award winning paper

Distinguished International Fellow Award

The award recognizes individuals who have made significant contributions to ICEC, their local member association or institute and the cost management profession generally.

At the 2004 Congress, Christopher G. Walker, from the AACE and ACostE, was awarded the title of Founding Distinguished International Fellow for his instrumental work in the establishment of ICEC. The following were awarded the title of Distinguished International Fellow:

Roger M. Batten, MBE (AACE & ACostE)
 Gilles Caupin (AFITEP)
 T. T. Cheung (HKIS)
 Eilif Holen (NFP)
 Dennis Lenard (AIQS)
 Hubertus J. M. Paquay (CEASA & AACE)
 Franklin D. Postula (AACE)



Prof. Dennis Lenard, Past PAQS Chairman,
Distinguished International Fellow

ICEC Chairman's Region Awards

This award recognises significant contributions to each ICEC Region during each Chairman's two year term of office. The 2004 Awards went to:

Region 1, The Americas

Jose Angelo S. do Valle, IBEC (Brazil)

Region 2, Europe and Near East

R. Bruce Watson, ACostE (United Kingdom)

Region 3, Africa

Len Harris, ASAQS (South Africa)

Region 4, Asia Pacific

Terry Sanders, AIQS (Australia)

Mr. Terry Sanders (AIQS)
 receives the 2004 ICEC
 Region 4 Chairman's
 Award



2004 PAQS Annual Board Meeting

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 PAQS Chairman, Mr. Ong See Lian from the ISM.

The main issues discussed and resolutions made are outlined below.

PAQS Office Bearers

The PAQS office bearers for the 2004-2005 period are:

Chairman	Mr. Ong See Lian (ISM)
Outgoing Chairman	Mr. TT Cheung (HKIS)
1st Vice Chairman	Mr. Takayoshi Sato (BSIJ)
2nd Vice Chairman	Mr. Trevor Main (AIQS)
Secretary	Mr. Kwan Hock Hai (ISM)
Treasurer	Mr. Terry Sanders (AIQS)



Key PAQS Board Members (L to R) – Mr. Kwan Hock Hai - ISM (Secretary), Mr. Terry Sanders – AIQS (Treasurer), Mr. T.T. Cheung – HKIS (Past Chairman), Mr. Takayoshi Sato – BSIJ (1st Vice Chairman), Mr. Ong See Lian – ISM (Chairman), Mr. Trevor Main – AIQS (2nd Vice Chairman)

Regional Competency Standards

PAQS is continuing to develop agreed competency standards for Quantity Surveyors in the PAQS region. The standards approved in 2002 are being updated to better reflect the wide range of services now performed by Quantity Surveyors.

The finalisation of these standards will pave the way for the implementation of the PAQS Accreditation Scheme for university courses.



2004 PAQS Board Meeting

PAQS University Accreditation

The PAQS Accreditation Scheme for university courses has progressed well. The first stage of the scheme has been put in place whereby university courses with current individual accreditation from at least four out of five of the following associations are eligible to apply for PAQS Accreditation: AIQS (Australia), HKIS (Hong Kong), ISM (Malaysia), NZIQS (New Zealand) and SISV (Singapore).

The next stage nearing finalisation is the development of accreditation pathways for universities in countries where individual accreditation from the above associations has not traditionally been sought.

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. 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 universities as well as the accreditation of new courses.



2004 PAQS Board Meeting

CECA Research Proposal

China has seen quite a remarkable growth over the past two years in the number of universities offering cost engineering and quantity surveying related courses. Additionally, CECA have embarked on an accreditation system for cost engineers that has resulted in the accreditation of over 60,000 professionals. This is increasing at the annual rate of about 7,000. A discussion paper providing more detail on this is included later in this newsletter.

CECA have put forward a research proposal to examine quantity surveying/cost engineering education and accreditation systems around the globe to assist them in developing appropriate systems for the accreditation of university courses and to improve their current accreditation system for individual cost engineers. PAQS member associations and universities in the region will play a key role in this research. It is hoped that this research will be completed by the next PAQS Congress in Dalian, China.

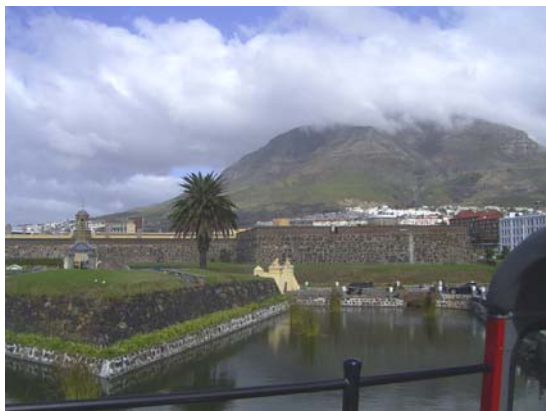
Future Congresses

The PAQS Congress will continue to be held on an annual basis. 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

Future Congresses will be held as follows:

2005	China (Dalian)
2006	Singapore
2007	New Zealand
2008	Malaysia 2004



The famous Table Mountain, Capetown, South Africa



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

ICEC 2004 Board Meeting

The International Cost Engineering Council (ICEC) held its 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. Further details of the ICEC organisation can be found on its excellent web site at <http://www.icoste.org>. The PAQS newsletter is included in this site.

New ICEC Chairman

Professor Basie Verster from the Association of South African Quantity Surveyors was elected as Chairman of ICEC for the period 2004-2006. Ginette Basak (Canada) was elected as senior vice chairman and Peter Cox (Australia) and Murtala Oladapo (Nigeria) were elected as administrative vice chairmen.



ICEC Board Members



2004 ICEC Board Meeting

CONSTRUCT A CAREER

with the

UNI of South
Australia's

BACHELOR OF CONSTRUCTION MANAGEMENT and ECONOMICS



Join a growth industry by studying
for your **Bachelor of
Construction Management
and Economics**

**University of South
Australia.**

Final Year Elective options in:


Quantity Surveying
Building Surveying
Construction Management
Building Technology
Housing Studies

Study Mode:

The course is normally studied over four years in full-time mode however part-time options are available.

Articulation:

TAFE and Overseas diploma holders are eligible for admission to this course with credit arrangements.

 University of South Australia

• ACCREDITATION

The course is fully accredited by the Australian Institute of Quantity Surveyors (AIQS), the Australian Institute of Building (AIB), the Australian Institute of Building Surveyors (AIBS), the Royal Institution of Chartered Surveyors (RICS), the Singapore Institute of Surveyors and Valuers (SISV) and the Institution of Surveyors, Malaysia (ISM)

• REPUTATION

The University of South Australia has an excellent reputation in courses in the Built Environment based on high performance in teaching and learning and extensive and active links to industry and the professions.

• RESOURCES

The course is based at the City East Campus in the heart of Adelaide. The campus is a mix of brand new purpose built facilities and refurbished and modernised rooms including 5 brand new computer barns with Internet and Email access for all enrolled students.

ICEC Member Associations

Australia

Australian Institute of Quantity Surveyors (AIQS)
<http://www.aiqs.com.au>

Austria

Projekt Management Austria(PMA)
<http://www.p-m-a.at>

Brazil

Brazilian Institute of Cost Engineers (IBEC)
<http://www.ibec.org.br>

Canada

Canadian Association of Cost Engineers (AACE Canada)
<http://www.aacei.org>
Canadian Institute of Quantity Surveyors (CIQS)
<http://www.ciqs.org>

China

China Engineering Cost Association (CECA)
<http://www.ceca.org.cn>

Cyprus

Cyprus Association of Professional Quantity Surveyors

Czech Republic

Czech Association of Project Management (SPR)
<http://www.ipma.cz>

Denmark

Project Management Association of Denmark (FDP)
<http://www.projektforeningen.dk>

Fiji

Fiji Institute of Quantity Surveyors (FIQS)

Finland

Project Management Association of Finland – PMAF
<http://www.pry.fi>

France

French-speaking Project Management Association
<http://www.afitep.fr>

Ghana

Ghana Institution of Surveyors – QS Division (GHIS)

Greece

Hellenic Institute for Project Management (HPMI)
<http://www.hpmi.gr>

Hong Kong

Hong Kong Institute of Surveyors (HKIS)
<http://www.hkis.org.hk>

Hungary

Hungarian Cost Engineering Club (GTE/MKK)

Iceland

The Project Management Association of Iceland (VSF)
<http://www.vsf.is>

India

Project Management Associates - India (PMAI)
<http://www.pma-india.org>

Italy

Italian Association of Cost Management (AICE)
<http://www.aice-it.org>

Japan

Japan Society of Cost and Project Engineers (JSCPE)
Building Surveyors Institute of Japan (BSIJ)
<http://www.bsi-j.or.jp>

Kenya

Institute of Quantity Surveyors of Kenya (IQSK)
<http://www.iqskkenya.org>

Malaysia

Institution of Surveyors, Malaysia (ISM)
<http://www.ism.org.my>

Mauritius

The Mauritius Association of Quantity Surveyors
<http://maqs.intnet.mu>

Mexico

Mexican Society of Economic/Financial/Cost Engineering
<http://www.smiefc.com.mx>

Namibia

Institute of Namibian Quantity Surveyors (INQS)

The Netherlands

Dutch Association of Cost Engineers (DACE)
<http://www.napdace.nl>

New Zealand

New Zealand Institute of Quantity Surveyors (NZIQS)
<http://www.nziqs.co.nz>

Nigeria

Nigerian Institute of Quantity Surveyors (NIQS)
<http://www.niqs.org>

Norway

Norwegian Project Management Association (NFP)
<http://www.prosjektledelse.com>

Romania

Assoc M'mment/Consulting/Technology in Construction

Russia

Russian Association of Bidders and Cost Engineering
<http://www.rabce.da.ru>

Singapore

Singapore Institute of Surveyors and Valuers QS Division
<http://www.sisv.org.sg>

Slovakia

Project Management Association of Slovakia (SPPR)
<http://www.sppr.sk>

Slovenia

Slovenian Project Management Association (ZPM)
<http://www.cd-cc.si/apm-educa>

South Africa

Association of South African Quantity Surveyors
<http://www.asaqs.co.za>
Cost Engineering Association of Southern Africa
<http://www.ceasa.org.za>
Project Management South Africa (PMSA)
<http://www.pmisa.co.za>

Spain

Asociación Española de Ingeniería de Proyectos
<http://www.aeipro.org>

Sri Lanka

Institute of Quantity Surveyors Sri Lanka (IQSSL)
Institute of Project Managers of Sri Lanka (IPMSL)

Sweden

Swedish Project Management Society (SPMS)
<http://www.projforum.se>

Tanzania

Tanzania Institute of Quantity Surveyors (TIQS)

United Kingdom

Association of Cost Engineers
<http://www.acoste.org.uk>

United States

AACE International - <http://www.aacei.org>

Venezuela

Group for Reference Guide on Costs – Venezuela
<http://www.grc.com.ve>

2004 QS International Convention Kuala Lumpur, Malaysia 20-21 September 2004

The annual Malaysian Quantity Surveying Convention was elevated to the status of an International QS Convention this year. The event was jointly organised by the ISM, the Board of Quantity Surveyors Malaysia (BOQSM), PAQS and the Contract and Quantity Surveying Branch of the Malaysian Public Works Department. It was held in conjunction with the International Construction Week organised by the Construction Industry Development Board (CIDB) Malaysia. The Convention was held at the Palace of the Golden Horses in the Mines Resort City, Kuala Lumpur.



QS International Convention Dignitaries

The convention had over 400 delegates with 24 speakers from 7 countries. The theme was "Value and Innovation – Our Competitive Edge" and was officiated by the Malaysian Minister of Works, YB Dato' Seri Samy Vellu.



ISM Members & International Delegates

The sub-themes for the convention were Value Driven Project Management, Quantity Surveying and Cost Management, Procurement and Contract Management, Research and Development and Innovation and Knowledge management.



Concluding Panel Discussion

Overseas delegates were treated to a river cruise of Putrajaya, the new Administrative Centre of the Federal Government of Malaysia. This massive development covers 4,581 hectares.



Delegates on the Putrajaya Cruise

quantity surveying honours

Are you interested in a dynamic, well-paid career as a financial manager within the construction industry?

QUT's Bachelor of Applied Science (Quantity Surveying) with Honours meets an industry need for qualified Quantity Surveyors for the financial management of the acquisition, development, operation and disposal of all types of property assets. Our industry-ready graduates find work within a few months of finishing.

Gain the right balance of theory and practical skills that you need to advance your career with this four year full-time (or part-time equivalent) course.

Our course is accredited by many professional bodies throughout the world which means you can work in many countries.

QUT is one of Australia's largest universities with over 40,000 students, offering a wide range of services, including special support for international students. Students also enjoy the relaxed lifestyle of Brisbane and the convenience of studying at Brisbane's only inner-city campus at Gardens Point.

More information

Phone +61 7 3864 2678, fax +61 7 3864 1170,
email cmp@qut.edu.au or visit
www.cmp.bee.qut.edu.au

a university for the real world™



BEE-04-155

CRICOS no. 00213J

Queensland University of Technology
GPO Box 2434 Brisbane QLD 4001 qut.com

Discussion Paper

Latest Developments in the Cost Engineering Profession & Higher Education in Mainland China

Professor Yin Yi-lin

Chairman

Education Board

China Engineering Cost Association (CECA)

Dean

Faculty of Economics and Management

Tianjin Technology University

The following paper is based on a presentation given by **Professor Yin Yi-Lin** on the cost engineering profession and cost engineering education in Mainland China. It is a fascinating account of the development of our profession in the largest country in the world and outlines ways in which organisations like PAQS can assist in this development. A strong quantity surveying/cost engineering profession in China will further enhance our professional status on a global scale.

Introduction

This paper examines the development of construction cost management in Mainland China. The current market situation is explored and the development of higher education in cost engineering is explained. This includes the development of cost engineering university courses and the certification process for the accreditation of cost engineers. The role of CECA's Education Board and the accreditation examination entry requirements are also explained. The paper concludes with suggestions on how PAQS, the RICS and other professional cost management associations can assist with the evolution of the profession in this country.

Historical Background

Under the planned economy policy, construction cost management in Mainland China was based on the use of the "constants" approach (i.e. constant labour and material contents, unit rates, wastage, management fees. etc.). These constants were not revised frequently. Project estimates prepared at the project planning stage were the key references for construction cost management. The benefits of utilising the input of different parties and professionals early in the development stages of a project were not generally recognised.

Between 1950-1980 project prices were planned by the government and were based on the Soviet Union's system of construction "constants". Reformation of construction cost management began during the period 1980-1990. Whilst project prices were still established by the government, the use of the competitive tendering system was explored and began to be used.

From 1990 onwards project prices were determined by the market. To enhance the cost management reformation, Bills of Quantities were introduced into tender documents by the Government from 1 July 2003. The government is now investigating the use of an effective whole-process cost management approach.

Current Market Situation

The market demand for construction cost professionals continues to surge. The value of construction works in China rises continuously. By 2010, it is estimated to be more than RMB 1,200 billion. The demand on construction cost professionals is therefore great and urgent.

The total number of people working in the cost engineering field in China is now approximately 1,200,000. The current total number of qualified cost engineers is over 60,000, increasing at the annual rate of about 7,000.

Cost Engineering Firms/Associations

Cost engineering consultant firms are divided into two categories and the current total number of firms is about 5,000.

The scope of services carried out includes feasibility studies, designs, cost estimates, tendering and bidding, works supervision and final accounts. They are governed by different government departments with their own codes and requirements, which may not be inter-related or match with one another.

Most of the professional associations cannot yet play an important role in helping to govern the industry. They are still in a developing stage and mainly carry out academic research and related activities.

The government treats the monitoring of the qualifications of consulting firms as the first priority, with the monitoring of the qualifications of individual professionals as the second.

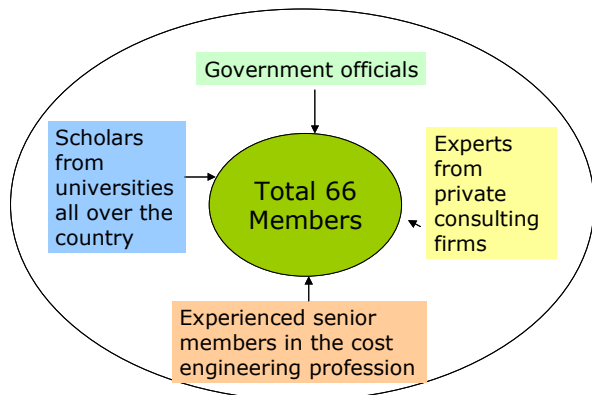
The Education Board of the China Engineering Cost Association (CECA)

The terms of reference for the Education Board of CECA are to:

- Prepare development strategies for higher education in cost engineering.
- Establish national assessment standards for higher education in cost engineering.
- Establish the framework for the provision of CPDs to qualified cost engineers.
- Support and co-ordinate research on higher education in cost engineering and provide guidance in compiling teaching materials.

- Co-operate and exchange experience with relevant international organizations on the advancement of higher education in cost engineering.

Membership of the Board comprises the following:



Cost Engineer Accreditation Examinations

The entry requirements for the qualified cost engineers examination are as follows:

Academic qualifications	Relevant working experience
Technical schools in cost engineering	5 years
Technical schools in engineering or construction economics	6 years
Bachelor degrees in cost engineering	4 years
Bachelor degrees in engineering or construction economics	5 years
Masters or double-degrees in cost engineering	3 years
Doctoral degree in engineering	2 years

The contents of the examination cover the basic knowledge and skills required from construction cost engineers, and include construction technology, economics, management, law and case analyses.

Registration of qualified cost engineers is by the Ministry of Construction and its construction administration departments in each Province. Candidates who pass the examination should go to the related department and register within 3 months. The validity period of the registration is 2 years. Re-registration should be done within 3 months before the validity period expires. Before re-registration, the cost engineer should undertake further continual education and professional training certification.

The Development of Higher Education in Cost Engineering

In the 1990s, with rapid economic growth, the construction industry became important to the GDP and more and more universities set up different departments in fields such as international project management, real estate operations and management, and the like. In 1998, the Ministry of Education consolidated the various fields

and set up the field of Engineering Management. Construction cost management became a branch of this new Engineering Management field.

In 2002, the first 'cost engineering' course was introduced at my University (Tianjin Technology University) and was approved by the Ministry of Education. Then about 70 students enrolled leading to a bachelor degree in September 2003.

By the end of 2003, there were about 150 universities providing bachelor degree courses in Engineering Management and among them about 50 universities provided bachelor degree courses in cost engineering. The total number of new intake students who major in the bachelor degree of cost engineering is about 10,000 every year. However, there are a number of problems with this higher education in Cost Engineering. Firstly, there is no accreditation system for university cost engineering courses.

Secondly, there is a shortage of good textbooks. One reason is that the cost engineering courses in the various universities are different and the emphasis is also different. For example, some universities emphasize an engineering background and their courses are based on construction science and technology, while others emphasize the systematic integration of economics, management, law, and construction technology.

Another problem is the difficulties in providing effective Continuing Professional Development programs to the large number of qualified cost engineers.

Future Plans

Plans are in place for institutes/universities providing these courses to be accredited by CECA. The academic qualification requirements for qualified cost engineers will be either a pure engineering qualification or a cost engineering qualification, but both have to be obtained from institutes accredited by CECA. Cost engineering programs will however be affected by criteria set by the Ministry of Education, with the relevant professional associations not being consulted beforehand.

The cost engineering profession is regarded as an applied science. The majority of cost engineers will not therefore come from traditional academic universities that put more emphasis on academic research and offer masters and doctoral degree courses.

Potential for Collaboration

CECA are currently drafting the policy and procedures for accrediting cost engineering degree courses in Mainland China. They are seeking the assistance of PAQS, the RICS, universities and other relevant associations to help with this process. Other areas where these associations/universities can help is with Continuing Professional Development programs, joint research work in the area of higher education and the development of good teaching materials.

PAQS ROUNDUP

News & Events From PAQS Member Countries

Australia Australian Institute of Quantity Surveyors (AIQS)

Contact Details

Mr. John Lowry (President)
Mr. Terry Sanders (General Manager)
Postal Address: PO Box 301 Deakin West ACT 2600
AUSTRALIA
Tel: + 61 2 62 82 2222
Fax: + 61 2 62 85 2427
Email: contact@aiqs.com.au
Website: <http://www.aiqs.com.au>

The following information was provided by Mr. John Lowrie and Mr. Terry Sanders

AIQS Overseas Membership One Third of Total

As at December 2003, just over one third of the 3,035 AIQS members are residing overseas. This high percentage is partly the result of international students obtaining QS education at Australian universities and the attractiveness of Australia for skilled migration. It is also due to the increasing number of Australian Quantity Surveyors that are working overseas.

World's Best Practice Charter

The AIQS has drafted an implementation strategy for an ICEC World's Best Practice Charter which was endorsed at the PAQS/ICEC Congress in Capetown this year.

Canada Reciprocity Agreement

The AIQS signed a membership reciprocity agreement with the Canadian Institute of Quantity Surveyors in June this year. This will strengthen unilateral ties with North America and forge closer relations with other PAQS members.

Tenders On-Line

The AIQS is investigating the feasibility of introducing the South African based Tenders On-line (TOL) system to distribute secure electronic Bills of Quantities to the industry whilst introducing supply-chain efficiencies into the tendering system.

Qs Preparation Of Property Depreciation Reports – The Hot Topic In Australia

Since the AIQS successfully argued 4 years ago for QS to be the first profession on the Australian Taxation Office's list of appropriate professionals able to prepare depreciation schedules for investment/rental properties, AIQS members have seen a remarkable increase in the demand for their services in this area of practice. The lack of any standards for this work and the many different approaches to providing this service resulted in calls for the AIQS to take a lead in regulating how depreciation work should be performed.

In response to this, the AIQS has launched its latest publication, The Property Depreciation Handbook authored by Mr David Kelly FAIQS, ICECA. This book of 452 pages provides about 80 pages of commentary and advice on how the QS should interpret the taxation rulings and law to properly prepare depreciation schedules/reports for investment properties in Australia. Besides the commentary in the Handbook, it also includes copies of the relevant tax rulings and determinations, plus a list of the depreciable items and effective lives. It also gives a sample QS Depreciation Schedule.

The launch of the book coincided with a national seminar tour by David Kelly to all major cities and regional areas. The seminars were aimed at updating QS about the latest developments and interpretations of the tax law and Taxation Office thinking. Following the seminars and the launch of the Handbook, the AIQS received a number of requests from members for direction on various conduct and policy type matters. These resulted in a draft AIQS Policy on QS Preparation of Depreciation Schedules/Reports for Investment Properties being published in the AIQS Members' discussion forums on the AIQS website. Nearly 900 members viewed the discussion forum and over 50 comments were posted to the site. This is the largest and most successful debate of an AIQS policy that we have ever experienced.

The members' comments are being considered and a further draft being prepared for posting to the website for additional comments, before the final version is presented for approval by the AIQS National Council.

Partnering with Universities for Course Accreditation

The AIQS is close to concluding its development of a partnering model which will be used with universities for accreditation of their relevant courses in Australia. The AIQS model will differ from the RICS model in that the AIQS does not believe in setting universal course entry levels which do not reflect the socio economic and local industry conditions within which universities must operate. This is particularly relevant to universities in smaller states and remote areas. The AIQS model will look more closely at the outputs from the universities and will also insist that the courses include appropriate content covering the core competencies of the QS.

Canada
Canadian Institute of Quantity
Surveyors (CIQS)

Contact Details

Main Office Bearers:

Mr Clark Campbell (President)

Ms Lois Metcalfe (Executive Director)

Postal Address: PO Box 124 Station Rd, Toronto
CANADA

Tel: + 90 5 471 0882

Fax: + 905 471 7545

Email: info@ciqs.org

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

Reciprocity Agreement Between AIQS & CIQS

The AIQS President, Mr. John Lowry and the CIQS President, Mr. Clark Campbell, signed a reciprocity agreement at the CIQS Annual General Meeting in Vancouver on June 18, 2004. The agreement allows for the transfer of membership between the two institutes.



Mr. John Lowry (left) and Mr. Clark Campbell

Corporate members (Associate or Fellow) of the AIQS in good standing, may be elected as a Professional Quantity Surveyor (PQS) member of the CIQS subject to completion of only the By-Laws, Rules, Regulations and Ethics portion of the CIQS Test of Professional Experience Practice Problem and one year's practical work experience as a quantity surveyor in Canada, in circumstances which will enable a corporate member of the CIQS to confirm the professional activities undertaken.

Members (Professional Quantity Surveyors) of the CIQS in good standing, may be elected as an Associate (AAIQS) member of the AIQS subject to a professional interview conducted by corporate members of the AIQS to confirm the applicant's knowledge of law and practice in Australia and one year's practical work experience as a quantity surveyor in Australia, in circumstances which will enable

a corporate member of the AIQS to confirm the professional activities undertaken.

In addition to the reciprocity agreement, the two institutes agreed to exchange professional development resources and research reports and liaise on education developments and development of standards and competencies. Announcing the signing of the agreement, John Lowry, President of AIQS, said:

"Agreements such as this, demonstrate the international recognition of the high educational, ethical and professional standards that both Canada and Australia have achieved in the Quantity Surveying profession. In a growing global market place, such agreements facilitate the highest standards of service to property and construction clients who use either of our members".

Reciprocity Agreement Between CIQS & Canadian Construction Association

Mr. Terry Brown, Chairman of the Canadian Construction Associations' Gold Seal Committee and CIQS President Mr. Clark Campbell, President of the Canadian Institute of Quantity Surveyors finalized a certification reciprocity agreement at the CIQS Annual General Meeting in June. In signing the agreement, members of both associations see benefits that will streamline the certification path in estimating.



Mr. Terry Brown (left) and Mr. Clark Campbell

CCA will waive the Gold Seal Estimator examination prerequisite requirements for individuals who have the CIQS Construction Estimator Certified (CEC) designation and allow them to directly challenge the appropriate Gold Seal Certification examination for certification in estimating upon paying the requisite examination fee.

CIQS will in turn allow Gold Seal Estimator Certificate Holders to attain the CIQS Construction Estimator Certified (CEC) designation upon application, and to also attain Professional Quantity Surveyor (PQS) status by writing the Direct Final Examinations and the practice problem portion of the Test of Professional Experience.

China China Engineering Cost Association (CECA)

Contact Details

Madam Ma Guizhi (Secretary-General)
 Postal Address: Ministry of Construction
 No 9 San Li He Road Beijing 100835
 PEOPLES REPUBLIC OF CHINA
 Tel: + 8610 68394013
 Fax: + 8610 68394648
 Email: ceca@ceca.org.cn
 Website: <http://www.ceca.org.cn>

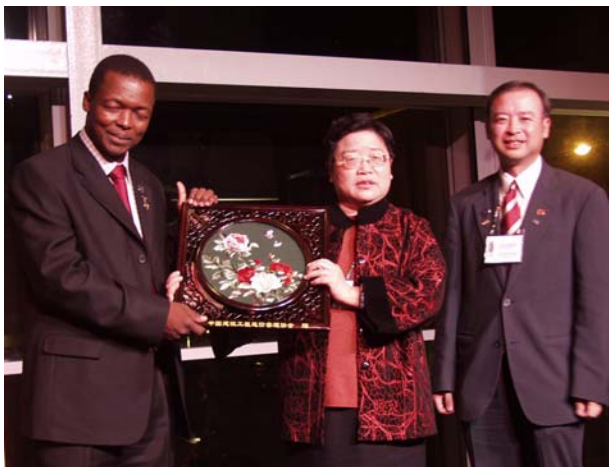
The following information was obtained from the CECA website.

Hierarchy

The Representative Conference is the highest power organ of CECA. The Council of CECA, 167 members, is the executive entity of the Representative Conference that is held every four years.

The Executive Board of CECA (40 members) is elected by Council members. The Board performs the function of Council according to the Constitution of CECA and is responsible for the Council.

Executive Board Director, Mr. Yang Sizhong, is the Juridical Representative. There are 7 vice Directors among the leading core. Madam Ma Guizhi, Secretary General, is in charge of the routine works for CECA and 3 deputy Secretary Generals are in charge of various businesses under the supervision of Madam Ma.



Madam Ma receiving an award at the PAQS/ICEC Congress

Organization

The organization of CECA is as follows:

Administrative Office

Dealing with daily administrative activities, communicating with domestic and foreign societies.

Faculty Assessment Office

Assessing consultant agencies and registered professionals, conducting the annual audit.

Engineering Cost Information Office

Establishing the MIS of engineering cost, collecting and publishing price information of construction materials and mechanical equipment.

Researching and Training Office

Organizing specialists and scholars to research various subjects, developing information on calculation and management, taking charge of professional education and training. Conducting examinations for qualification.

Editing Office

Editing and publishing the bimonthly journal "Management of Engineering Cost".

2005 PAQS Congress

CECA would like to invite all PAQS organisations, members and colleagues to the 2005 PAQS Congress in Dalian, China from June 27-28 June. Attendees are ensured of a time to remember!



The Faculty of the Built Environment offers well established and internationally recognised undergraduate and postgraduate degree programs. The degrees offer balanced programs which aim to develop skills through the incorporation of both academic and practical studies.

Bachelor of Building Construction Management

A four year full time degree course for careers in

- Quantity Surveying
- Construction management
- Property

For specific information please contact the Program Director:

Paul Marsden E-mail: p.marsden@unsw.edu.au

For general information please contact:

The Student Centre
 Faculty of the Built Environment
 The University of New South Wales
 Sydney NSW 2052 Australia
 Telephone: +61 2 9385 4799
 Fax: +61 2 9385 4827
 E-mail: fbe.stu.cen@unsw.edu.au

UNSW
 THE UNIVERSITY OF NEW SOUTH WALES

CRICOS Provider Code: 00099G

Visit the web site: www.fbe.unsw.edu.au

Fiji
Fiji Institute of Quantity Surveyors
(FIQS)

Contact Details

Honorary Secretary – Mr. Ritesh Nair
Fiji Institute of Quantity Surveyors
PO Box 990
Suva, FIJI
Tel: +67 9 300 455
Fax: +67 9 300 375
Email: jshassoc@is.com.fj

General

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

Business Etiquette in Fiji

The following is from the Australian Government's Austrade Website (<http://www.austrade.gov.au>). It provides useful information for anyone interested in doing business in Fiji.

There are cultural differences between indigenous Fijians and Indo-Fijians or Fiji-Indians (ie. Fiji citizens of Indian origin). Most business people are Indo-Fijians, although there is a growing presence of Indigenous Fijians in business.

Business dress is informal. Normal attire for men is long trousers with an open-neck, short sleeve shirt. For more formal business meetings, for example with a Government Minister, a tie might be worn, normally with a short sleeve shirt. Suits and jackets are seldom required.

Mannerisms of which you need to be aware include:

- Standing with hands on hips is seen as an expression of anger or arrogance.
- Indigenous Fijians do not like to be touched on the head - it is a traditional taboo.
- Pointing to a person while talking to them is generally considered rude.

Most business people prefer to be called by their first name, rather than using Mr/Mrs (surname). It is a normal practice to use titles in formal correspondence. Certain indigenous Fijians have the title Ratu (for men) or Adi (pronounced 'An-dee', for women), meaning that they are of chiefly status. The title should always be used with their first name when addressing them.

Culturally, the Fijian people are very polite and respectful. You will find that they are hesitant to ask for clarifications or ask questions, thinking they could be seen as being rude or offensive. Therefore, it is important to develop a good rapport and discuss issues thoroughly to ensure that both parties interpret each other correctly. When discussing

business with Fijian people note that 'yes' doesn't always mean, 'I agree with you' - it could mean 'I understand you'. Fiji Indians can be quite direct and want to know the 'deal' fairly quickly, i.e. 'What's the price?' They are traders by instinct and often base their evaluation on price. So if other aspects of your product are important, such as quality or service, then it pays to emphasise, and if possible, quantify them.

Part of the culture is Fiji time. Timeliness is not strictly observed, however, in recent years, this has become less apparent. Meetings and appointments may not start on time - delays of 10-15 minutes are quite normal. Guests invited to trade displays or seminars often arrive up to half an hour late.

It is not unusual to be offered a bowl of yagona or kava. Kava is often referred to as the national drink and is offered to visitors on special occasions. We suggest that you accept the first bowl offered so as not to cause offence and then politely decline should you not wish to drink anymore. Alcohol is consumed in the business community and red wine seems to be becoming more common. Spirits are commonly consumed at business gatherings.

The exchange of gifts is not a widely accepted Fijian business practice. On occasions as a gesture of friendship, one may be presented with gift but it does not necessarily mean that you have to respond likewise.

Hong Kong
Hong Kong Institute of Surveyors
(HKIS)

Contact Details

Main Office Bearers:
Mr. Tony Tse (President)
Mr. TT Cheung (Senior Vice President)
QS Division
Chairman Mr. Gilbert KWOK
Vice – Chairman Mr. Sam CHENG
Honorary Secretary Dr. Paul HO
Postal Address: Suite 801 Jardine House, 1 Connaught Place, Central HONG KONG
Tel: + 85 2 2526 3679
Fax: + 85 2 2868 4612
Email: hkisadm@hkis.org.hk
Website: <http://www.hkis.org.hk>

The following information was supplied by Mr. Sam Cheng, Vice- Chairman of the HKIS Quantity Surveying Division and from the HKIS website.

Building Activity

Hong Kong has sprung back strongly from the SARS problem. Property prices, particularly for prestige residential property, has increased by over 50%. There are predictions that property prices will double from last year..

HKIS Structure and Membership

After the resolution to create a technical grade of membership, a Board of Professional Development was formed to establish admission criteria for technical members. Specialist forums have been created to cope with market demands and cross-divisional activities and expertise. These forums are Facilities Management, Dispute Resolution, Project Management and Business Valuation, etc.

Standard Form of Contract and Standard Method of Measurement

The new Standard Form of Contract and Standard Method of Measurement are in their final draft and ready for printing. We are at the end of the final stage of consultation with stake holders and interested parties, after which the new documents will be officially issued.

Reciprocity Agreement With China

The reciprocity agreement between CECA and the HKIS has now been finalised and has been sent to the Chinese Ministry of Construction for their final approval. It is expected that this agreement will be signed in November 2004. It is planned that by early 2005, members of both institutions will be allowed to register and practice in both Mainland China and Hong Kong.

At municipal level, the Hong Kong Special Administrative Region has signed a further agreement with Mainland China, which permits certain professional practices to obtain a license to practice in Mainland China.

HKIS 20th Anniversary Conference on Public Private Partnerships held on 29th May 2004

2004 is the 20th Anniversary of the HKIS. To mark the occasion a conference was held in May on Public Private Partnerships as well as a series of events throughout the year to celebrate.

Japan Building Surveyor's Institute Of Japan (BSIJ)

Contact Details

President: Mr. Yoshikazu Nakano
Vice-President: Mr. Teruyuki Fujigami
Director: Mr. Takayoshi Sato
Building Surveyors' Institute of Japan
PO Box 105-0014
16-12, 3 Chome, Shiba, Minato-Ku,
Tokyo, JAPAN
Tel: +81 3 453 9591
Fax: +81 3 453 9597
Email: miyazawa@bsij.or.jp
Web Site: <http://www.bsij.or.jp>



BSIJ Delegates at the 2004 PAQS/ICEC Congress

The following information was obtained from the ICEC website in the April 2004 "International Roundup" magazine. It is based on a paper written by Mr. Takayoshi Sato, Director of the BSIJ.

Chinese Public Sector Delegation Visit

A delegation from the "Research Institute for Standards & Norms" (RISN) in the Chinese Ministry of Construction visited the BSIJ in December 2003.

In China, reform of their economic system is in progress and cost management systems for projects are now under review. The purpose of the delegation's visit was to examine systems implemented in Japan.

Enquiries from the delegation were detailed and focused on management systems for projects and costs in public and private sectors. The main explanations given by the BSIJ were as follows:

For public sector building projects, the quantities for construction works are prepared based on a "Standard Method for Measurement of Building Construction Works", and the unit rates are set by a statistical arithmetic process with published cost databases. For these types of contracts, most contracts are lump-sum contracts, in which the quantities do not form any part of contract conditions. They are treated just as references in Japanese practice.

In private sector projects, besides the competitive bidding system, many projects have been adopting a "direct single selection and negotiation system". For the procurement of the design and construction works, some projects are separate procurement packages and some are combined as "Design & Build", depending on the circumstances.

As to the selection of contractors and the setting of the contract amount, two types of bidding systems are being implemented on public sector projects – "open bidding for public" and "selective bidding" systems. The Ministry of Land, Infrastructure and Transport (MLIT) has put an e-bidding system into practice in April 2004, in order to improve their accountability as well as efficiency.

Project cost reduction is the major issue at present in Japan and various types of bidding systems are being introduced such as bidding for "Design & Build package", "a bid with alternative proposal", "comprehensive

evaluations to contractor's proposal" and so on. Value Engineering (VE) in the planning/design phase is commonly practiced. In some cases, private sectors projects are adopting a management system, i.e. project management and construction management.

On the other hand, BSIJ made questions to the delegation about the Chinese construction practice concerning settlement of the contract amount, effects of inflation and so on. Outlines of responses from the Chinese delegation were:

In the primary stage of a project, detailed construction costs are not specified in contracts. Both parties, owner and contractor, perceive well that construction costs fluctuate depending on the economy, engineering developments and so on. Some contractors enter into a contract at a lower price and induce the construction cost higher in the later stage of project. The inflation rate is the unforeseen issue. Steel prices have increased by 30% over the past 2 years. In many cases, construction is being carried out concurrently with its design requiring adjustment of the contract amount.

Members of the delegation were really enthusiastic and it was a fruitful meeting. Taking commemorative photo with all members, the meeting was closed with promises for a reunion.

Malaysia Institution of Surveyors Malaysia (ISM)

Contact Details

President: John S C Loh
Immed Past President: Ong See Lian
QS Division Chairman: Noushad Ali Naseem Ameer Ali
Executive Secretary: Ms. Katherine Thiang

3rd Floor, Bangunan Juruukur, 64-66 Jalan 52/4
46200 Petaling Jaya, Selangor, Malaysia
P.O. Box 171, 46720 Petaling Jaya, Selangor, Malaysia

Tel: +60 3 79551773/ 79569728
Fax: +60 3 79550253
Email: ism@po.jaring.my
Web Site: <http://www.ism.org.my>

The following information was derived from a report prepared by Mr. Ong See Lian at the ICEC World Congress Board meeting this year.

Membership

As at March 2004, membership of the ISM numbers 3,923. This comprises the following breakdown: Land Surveyors (888), Property Consultants/Valuation Surveyors (928), Quantity Surveyors (1,872) and Building Surveyors (235).

QS International Convention 2004

The ISM jointly organized the QS International Convention 2004 (in conjunction with International Construction Week) with PAQS (the Pacific Association of Quantity Surveyors), CIDB (the Construction Industry Development Board), BQSM (the Board of Quantity Surveyors, Malaysia) and JKR (Jabatan Kerja Raya or the Public Works Department). It was held from 20-21 September.

Tabulated Standard Method of Measurement

The ISM's Standard Method of Measurement Committee is currently in the process of updating and improving the second edition of the Standard Method of Measurement of Building Works (SMM2) into the tabulated format.

Building Costs Information

The ISM's Building Costs Information Committee is in discussion and working out the details with the Construction Industry Development Board (CIDB) to jointly improve and expand on building and construction costs information services to the construction industry.

ISO 9001 – 2000 Certification

In line with its theme on Enhancing Quality and Expanding Frontiers, the ISM has embarked on the ISO 9001: 2000 Quality Management System and is expecting to be ISO 9001 : 2000 certified by June 2004. In addition to the above, ISM has also organized group facilitation of the ISO 9001 - 2000 Quality Management System for the firms of its members. The ISM is proud to announce that 8 Quantity Surveying practices have secured the ISO 9001 : 2000 Quality Management System certification on their own, 25 Quantity Surveying practices have already achieved ISO 9001 : 2000 certification and another 12 practices are expected to get their certification by June 2004 under the ISM organized facilitation. The ISM has also extended similar facilitation to the members of the Property Consultancy & Valuation Surveying and the Land Surveying Divisions.

Young Achievers Awards

In the arena of Advancing Frontiers, the ISM has continued to successfully organize the Young Achievers' Awards Competition which is an annual event to promote the surveying profession to the various Schools, both at regional as well as at National levels and of late, the Construction Industry Development Board has given its full support for the event.

Industry/Government Involvement

The ISM were invited to the 2004 Securities Commission Dialogue titled "Enhancing Competitiveness - Value Creation". The ISM is actively involved in the Building Industry Presidents' Council which comprises representatives from the construction industry's related

services to address various issues of concern affecting the construction industry.

The ISM is the lead institution formulating policies on payment including promoting adjudication, possibly by way of a Construction Contracts Act in Malaysia.

Besides the above, the ISM is also a participating member in the formulation of the Construction Industry Master Plan (CIMP) led by the Construction Industry Development Board (CIDB) and the Master Builders Association of Malaysia (MBAM). The ISM has also been invited to be a member of the Construction Research Institute of Malaysia (CRIM) set up by the Construction Industry Development Board.

New Zealand New Zealand Institute of Quantity Surveyors (NZIQS)

Contact Details

President: Mr. David Richards
Executive Director: Mr. John Granville
New Zealand Institute of Quantity Surveyors
P.O. Box 10 469, The Terrace, Wellington, New Zealand
Tel: +64 4 473 5521
Fax: +64 4 473 2918
Email: office@nziqs.co.nz
Web Site: <http://www.nziqs.co.nz>

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

NZIQS Membership

NZIQS membership has increased by over 10% in the last 2 years to 950 individual members (including student members). This is due to a change of constitution introducing a new member category and national promotion.

The NZIQS trademarked membership initials and award of Registered Quantity Surveyor has increased industry awareness of the value of peer recognition for professional experience and skills – there are currently 633 qualified members including 119 Registered Quantity Surveyors.

Quantity Surveyors Supply

New Zealand in company with many other countries is experiencing a shortage of supply relative to demand for experienced quantity surveyors. The past 10 – 20 year period has seen a reduced demand for quantity surveyors in New Zealand exacerbated by inadequate recruitment of school leavers into the profession and fewer opportunities locally for quantity surveyor training and work for new graduates. These factors combined with a very competitive construction market and the loss of the large

government agencies such as the Ministry of Works and Development and Railways and Post Office in the 1980s and 1990s reduced new entrants into the QS profession.

In the past two years a ‘booming’ property and construction market, increased net immigration and a healthy economy have exposed this deficiency in experienced QS numbers. From an institute survey it is also noticeable that the age spread of members demonstrates there will be a significant number of experienced Quantity Surveyors who will leave active work in the next 10 years or so. New Zealand qualified and experienced quantity surveyors are sought overseas (and Kiwis like travelling for experience!) further reducing the numbers available at home.

NZIQS has promoted Quantity Surveying as a valuable profession more actively in the past year with a new careers brochure and more promotion at tertiary institutes. A new video/dvd is currently under production to provide another valuable tool for promotion of the quantity surveying career. In the past 10 years the introduction of two QS major degree programmes to supplement and add to the National Diploma programme has raised the profile of the profession locally also.

New Legislation

In the past 2 – 3 years New Zealand has seen more attention by Parliament on construction legislation than at any period in the past 10 – 20 years. Three new Acts have been passed with direct effect on construction participants; Construction Contracts Act 2002, Weathertight Homes Resolution Act 2002 and recently the new Building Act 2004 replacing the former 1991 Act. This last mentioned ACT has activated a major review of the Building Regulations and Codes and supporting documents and introducing a Building Practitioner Licensing regime and a product licensing process.

New Zealand Construction Industry Council

NZIQS is a founding member of the industry-wide NZ CIC that provides advice and leadership to and for the construction industry. There are now 25 members of this Council including Safety organisations, Builders, Architects, Engineers and the full range of construction participant organisations.

Already CIC has contributed to the above mentioned three Acts, introduced Guidelines for Design and Documentation, and a discussion document on Best Practice in Building Procurement. The Council represents all of the peak bodies associated with Construction and is promoting 2005 to be the Year of the Built Environment in New Zealand (following the Australian example). CIC is jointly promoting an Urban Design protocol with the Ministry of the Environment and considering the international – UK and Australian initiatives for Future Construction Process.

**Singapore
Singapore Institute of Surveyors &
Valuers
(SISV)**

Contact Details

President (QS Division) Mr Seah Choo Meng
Hon Secretary (QS Division) Mr Teoh Wooi Sin
Singapore Institute of Surveyors & Valuers
20 Maxwell Road, #10-09B Maxwell House
Singapore 069113
Tel: +65 222 3030
Fax: +65 225 2453
Email judy@sisv.org.sg
Web Site: <http://www.sisv.org.sg>

The following information was obtained from the report by Mr. Teoh Wooi Sin at the ICEC Board Meeting in Capetown, South Africa.

E-Procurement System Under CORENET

Over the past year, the SISV has continued to participate actively in our national effort towards E-Procurement System amidst our usual activities in promotion and development of the QS profession.

E-Procurement forms a major part of the overall CORENET initiative led by the Singapore Government with collaboration from the professional bodies/associations. E-Procurement System covers the entire supply chain of the construction industry from conceptual design stage to procurement of subcontractors and suppliers. Its key components include the National Productivity & Quality Standards (NPQS), Construction Electronic Measurement Standards (CEMS), Construction Resources Classification Standard (CRCS), Electronic Procurement Environment for Construction (EPEC) and Automated Quantity taking-off and BQ preparation System.

The CRCS is a standard that is adopted from the Masterformat, which relates to materials and resources. Each material and resource has a unique codification, similar to that of a unique product code (UPC). This will aid the identification of the materials and resources used in an e-tender to celebrate productivity and efficiency throughout the supply chain in an e-procurement environment.

EPEC is a scheme that promotes the use of Construction Portals for E-tendering. EPEC integrates the CRCS and the use of E-tendering methodologies and facilities in a construction portal suite for multilevel procurement in the construction supply chain.

National Productivity & Quality Specifications (NPQS)

NPQS is a set of industry-wide common national specifications for use by all players in the value chain of the construction industry. When completed, it will help to reduce wastage, minimise rework, and improve quality and labour productivity.

Currently, the construction industry of Singapore has numerous specifications with different criteria for building materials and workmanship. These variations are the result of the independent approach taken by different users in the preparation and maintenance of project specifications. The resulting multifarious acceptance criteria for materials and workmanship not only slows down information exchange, but also contributes significantly to the resources spent in

Construction Electronic Measurement Standards (CEMS)

CEMS Part 1 for Building Works was launched last July while Part 2 for M & E Works has now been completed and is under pilot trials. It will be released later this year. The CEMS replaces the existing Standard Method of Measurement (SMM) and paves the way for the Automatic Quantity Taking-Off System based on either 2-D or 3-D drawings.

Automatic Quantity Taking-Off & BQ Preparation System

With the launch of CEMS Part 1 and the development of the national layering standards for design drawings, the SISV is now pursuing the Automated Quantity Taking-Off System. At the same time, a standard phraseology for Building Works is currently being prepared to tie in with CEMS, NPQS and the Construction Resources Classification Standards (CRCS) for automation of Bills of Quantities.

Construction Industry Security of Payment Act

The Singapore Government is now in the final stage of drafting a Security of Payment Act. Under the proposed act due for release later this year, a progress payment certificate or a response has to be issued to every progress claim submitted by a contractor/subcontractor. The progress payment certificate needs to state the amount certified and the reasons for the difference, if any, 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 on the project 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 payment. In the event the adjudicated amount is not paid, the contractor/subcontractor upon serving a proper notice could file the adjudicated certificate in a court of law as a judgement debt.

**Sri Lanka
Institute Of Quantity Surveyors Sri
Lanka (IQSSL)**

Contact Details

President: Mrs. Chitra Weddikkara
Honorary Secretary: Dr. Srinath Perera
Institute of Quantity Surveyors Sri Lanka
185/2 Model Farm Road
Colombo 8, SRI LANKA
Tel: +94 1 685 599
Fax: +94 1 733 219
Email: srinath@mail.ac.lk

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

Contact Details

President: Mr. NM Mteza
Executive Director: Mr. Egon Wortmann
Association of South African Quantity Surveyors
PO Box 3527
Halfway House
South Africa 1685
Tel: + 27 11 315 4140
Fax: + 27 11 315 3785
Website: <http://www.asaqs.co.za>

The following information has been derived from a report given by Mr. Egon Wortmann, Executive Director of ASAQS, at the 2004 ICEC/PAQS Congress and from the ASAQS May 2004 Newsletter.

Membership Status

As at 10 May 2004 ASAQS had a total of 3,279 members of which 585 are student members. 355 members are located outside South Africa and abroad. There are 697 registered Quantity Surveying firms of which 20 are outside South Africa

Reciprocity Agreements

ASAQS has recently signed membership Reciprocity Agreements with the Royal Institution of Chartered Surveyors (RICS) and the Australian Institute of Quantity Surveyors (AIQS)

Commercialisation of ASAQS

ASAQS is placing more emphasis on the commercialisation of the Association so that there is less reliance on membership subscriptions for financial viability. Alternative revenue sources such as commercial advertising, web page advertising, product marketing and

the sale of documentation will assist to reduce membership fees in the future and hopefully encourage more members to register with the Association.

Pro-Spect

Pro-Spect is a commercial venture initiated by ASAQS that will, inter alia, allow construction industry professionals high speed, on-line, internet based access to supplier information 24 hours a day. ASAQS is currently involved in joint venture discussions with the South African Institute of Architects and other strategic partners on the Pro-Spect venture, and a detailed feasibility study is currently being undertaken to establish the economic viability of the venture. Should it be deemed viable by the ASAQS Board, it will prepare a prospectus for distribution to members for their consideration. ASAQS members will then be invited to invest in the venture with interests controlled and protected by a trust arrangement.

Go-Learning


Go-Learning is a venture initially envisaged to assist quantity surveyors registered with the South African Council for the Quantity Surveying Profession in completing their CPD requirements. It will complement the efforts of the QS EduTech Centre, which is now located at the ASAQS offices in Midrand. Tertiary institutions have been approached to provide course content on selected subject areas, and a number of pilot modules have already been developed for testing. The course content will be delivered across a wide variety of platforms to ASAQS members, including the internet, paper based distance learning, in situ lectures and possibly even on satellite television. Each registered quantity surveyor's CPD status will be managed under the Go-Learning system, which will make it easier for quantity surveyors to comply with ongoing registration requirements. ASAQS identified the need for Go-Learning to establish and maintain a management system for business training programs that will allow quantity surveying firms to maximise the effectiveness of their staff training. ASAQS will shortly be recruiting a dedicated staff member to assist with the setting up of the system.

Model Bills of Quantities

ASAQS have employed the services of a panel of members from the University of Pretoria to update and prepare the ASAQS Model Bills of Quantities. This venture is progressing well. This new look document will be available to our members in electronic format by the end of 2004.

PAQS/ICEC Congress 2004

ASAQS would like to congratulate the congress organising committee and the many helpers/volunteers for their hard work and dedication to make this international event such a success.



**9TH Pacific
Association OF Quantity
Surveyors Congress**
Incorporating the ICEC Region IV Meeting
Shangri-la Hotel, Dalian, China
27TH--28TH Jun. 2005

**CULTURE OF QUALITY
CONSTRUCTION**

Conference Theme
 ○ Value Based Approaches
 ○ Total Life Cycle Costing
 ○ Risk Management
 ○ Professional Ethics
 ○ Education, Learning and Re-learning for the Cost Engineering Profession

www.9thpaqs-ceca.org.cn
E-mail:organize@ceca.org.cn
E-mail:conference.paqs@ceca.org.cn

Conference Organizer: China Engineering Cost Association

9th PAQS CONGRESS

Dalian, China

27-28 June, 2005

The China Engineering Cost Association (CECA) will be hosting the 2005 PAQS Congress at the Shangri-la Hotel in Dalian, China from 27-28 June.

CECA 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

Tel: 8610-68316348

Fax: 8610-68394648

E-mail

organize@ceca.org.cn

Website:

www.9thpaqs-ceca.org.cn



UNIVERSITY OF WESTERN SYDNEY

SCHOOL OF CONSTRUCTION

Bachelor of Construction Management

About the Course
The Bachelor of Construction Management degree aims to provide you with the skills and abilities to perform competently at a professional level in the building industry.

The part time program allows you to study while gaining practical experience by working with a professional or industrial organisation.

You will be expected to undertake a substantial amount of assignment work while you are attending the course part time.

Practical Experience
The practical component of the course involves approved employment experience which is monitored by the university and applies to both part-time and full time students.

Careers
Graduates from this course are suited to careers such as:

- Project manager
- Site Manager
- Planning officer
- Chief estimator
- Contracts director
- Managing director
- Building surveyor
- Building researcher

Professional recognition
The course meets the academic standards for professional recognition by the Australian Institute of Building and satisfies the academic requirements for a builders licence from the NSW Department of Fair Trading.

Graduates may also gain accreditation from other professional institutions.

Prerequisite studies
It is desirable but not essential that you have studied mathematics and physics at NSW HSC level. Bridging courses are available.

Non-school leavers are encouraged to apply, particularly people with building industry experience.

All applications must be made through Uni admin contact.

Entry for diploma holders
Applicants who have completed the NSW TAFE Certificate, Associate Diploma in Building, Architecture or Engineering or similar may be granted advanced standing in some subjects in accordance with the university articulation policy.

Telephone Contact—02 9852 4333