

# The XXIV FIG International Congress 2010

## Final Invitation and Call for Papers



11 – 16 April 2010  
Sydney Convention & Exhibition Centre  
Sydney, Australia

**Facing the Challenges  
– Building the Capacity**

HOSTED BY



[www.fig2010.com](http://www.fig2010.com)

## SYDNEY - DOWNUNDER INDULGENCE!

Welcome to beautiful Sydney, Australia.

The visual excitement and variety of the harbour city is matched by the diversity and energy of its four million people. High-rise buildings of the central business districts look across the water at green headlands of national parks and comfortable garden suburbs. To the west, the World Heritage Blue Mountains stand as a spectacular gateway to the inland, while the ever-changing moods of the Pacific Ocean dominate the beaches, which stretch for miles north and south from the towering cliffs of Sydney Heads.

Sydney's cultural scene is vibrant. The Opera House with its graceful sails is home to the Sydney Symphony Orchestra and Australian Chamber Orchestra, as well as the Australian Ballet and the Sydney Theatre Company. There are many venues specialising in music from the classics to techno pop, dance, theatre and film.

Dining out is a favourite relaxation in Sydney, the abundance of ingredients and the influences of many cultures make for great choices in style and cost, but half the fun is to "see and be seen" as you sample the new "Aussie cuisine" and taste some of the renowned local wines.



## AUSTRALIA

Australia offers a myriad of exciting and unique travel experiences. From cosmopolitan cities and the vast landscapes of the outback, to the Great Barrier Reef and the world's oldest rainforest, Australia is a destination to suit all tastes. In a country with 550 national parks and 15 World Heritage-listed wonders, exploring our natural spectacles is a highlight of any visit to our country.

When travelling to any city for a conference, if you can incorporate a holiday of some description either before or after the event, it is a great way to visit areas of Australia you wouldn't normally have the chance to see.

### Reef and Rainforest

North of Cairns you'll discover one of the most beautiful regions of Australia. Here, at the meeting point of an ancient rainforest and the Earth's largest living coral structure, slow to a unique rhythm found only in Tropical North Queensland. Based in the exclusive village of Palm Cove, highlights include swimming and snorkelling on the Great Barrier Reef and discovering the beauty of the World Heritage listed Daintree rainforest.

### Dramatic Red Centre

Called the Heart of the Nation, the 'Red Centre' is arid, dramatic, vast, a land of extremes and home of Uluru (Ayers Rock) Australia's spectacular monolith. Participants will also discover other geological wonders such as Kata Tjuta (the Olgas), Kings Canyon and more. Walk around the base of this huge monolith, view a magnificent sunrise and discover its significance to the Aboriginal people.

### Darwin and the Top End of Australia's Northern Territory

The Top End of the Northern Territory is known for its tropical weather, rich indigenous culture, national parks and laid-back lifestyle. It is home to an eclectic mix of cultures whose outdoor lifestyle is complemented by brilliant sunsets.

Darwin is the Northern Territory's multi-cultural capital, famed for its markets and festivals. It is also the perfect base from which to explore the natural treasures of World Heritage-listed Kakadu and Litchfield National Parks as well as the Tiwi Islands.

Kakadu National Park, the largest in Australia, is situated 250 kilometres from Darwin. Renowned internationally for its natural and cultural wonders, Kakadu has one of the highest concentrated areas of Aboriginal rock art sites in the world.



## INVITATION

### Dear Friend,

On behalf of the organising committee of the XXIV FIG International Congress and Australian surveyors, it is my pleasure to invite you to FIG 2010 which will be held in Sydney, Australia: 11 - 16 April, 2010. The FIG 2010 Congress will bring together thousands of surveying and land professionals from across the globe.



Sydney, Australia's gateway city and the capital of New South Wales, is built around one of the largest, most beautiful harbours in the world with miles of golden beaches stretching north and south of the city on the shores of the Pacific Ocean.

Sydney will be at its best in April with warm, temperate weather, waiting for you to enjoy all its attractions including the Sydney Opera House and Harbour Bridge.

We will give you a taste of these wonderful attractions during the social events and tours arranged for Congress delegates. If you have ever considered visiting Australia, we can offer you and your family many additional reasons to visit us. Australian surveyors have been preparing for the Congress for several years and as a gesture of our 'Aussie' hospitality, are inviting you for a home visit on one of the free evenings during the Congress.

FIG 2010 will be the largest surveying Congress in Australia and the Pacific region in 2010 and will therefore be a major attraction for Australian and regional visitors as well. We have made special efforts to get surveyors from New Zealand, Asia and the Pacific Islands to attend. FIG 2010 will include one of the biggest trade shows in FIG history. We look forward to good attendances at the professional program, the exhibition and customised technical tours and workshops.

The Congress will be held at the Sydney Convention & Exhibition Centre. This large

purpose-built facility is set in 50 hectares of parks, gardens, museums, shopping malls and amusement areas, nestled on the shores of Darling Harbour. The Convention Centre is conveniently located within close proximity to the Central Business District and hotels within the area.

FIG 2010 will offer an excellent opportunity to visit Sydney and Australia and a good reason to combine the trip with some relaxation and the 'Aussie' experience. Much will be happening between now and 2010, so please keep visiting this site and stay up to date with all the latest news, events and movements of our famous red shirt army of young ambassadors for Sydney 2010.

We look forward to meeting you for an experience of a life time in Sydney in April 2010.

**Paul Harcombe**  
Congress Director,  
FIG 2010



### Dear Colleague,

The FIG Congress Sydney 2010: Facing the Challenges – Building the Capacity will be the highlight of the four-year term of office of the current FIG Council and Commissions. At the Congress we will have a full professional program consisting of more than 80 technical and poster sessions, several workshops, pre-congress seminars, and special forums. The technical program will offer space for 600-800 papers. We expect more than 2,000 participants from almost 100 countries to attend. Thus there is no doubt that Sydney 2010 will be the global venue of all surveying activities in April 2010 - and the place for all land professionals to be.



From the professional program I want to highlight the grand style opening ceremony, the four plenary sessions focusing on the hot issues of the global agenda and of our profession: namely the big challenges – climate change, disaster risk management and good land governance; spatially enabled society; and different aspects of the technological futures. As novelties at the Congress we will introduce a special Forum for the Chief Executive Officers of National Mapping and Cadastre Agencies, and a special seminar on Small Island States and the Millennium Development Goals. For the first time at an FIG Congress we will offer the opportunity for presenting both peer review and non peer review papers. We expect that this will guarantee increasing quality of the papers and also offer academics a more attractive way to participate in the FIG Congress.

The high level professional program will offer an unbeatable reason to visit Australia. This will also include the opportunity to meet with local experts, who are contributing both to the technical program and making introductions during the exciting technical tours. I would also like to mention the exhibition, which will be the biggest in the southern hemisphere in 2010 and even alone be a major attraction.

I know from my personal experience through several visits that the Australians can provide a first class Congress with the special 'Aussie' hospitality – something not to be missed.

I look forward to meeting you all in Sydney.

**Prof. Stig Enemark**  
FIG President



### Dear Colleague,

The Institution of Surveyors, Australia, looks forward to welcoming you "down under" in 2010. This is the second time ISA is hosting the FIG international Congress in Australia, so we want to welcome all surveyors, land professionals and spatial science experts to Sydney in 2010. It is our pleasure to invite both those who have been in Australia earlier, or even attended FIG 1994 in Melbourne, again to Australia as well as those of you who are planning your first visit. I can guarantee that the Australian surveyors and surveyors in New South Wales have done their utmost to make your visit memorable. I can also assure that from a professional point of view there is lot to see and learn from our experiences in Sydney and in New South Wales.



The ISA comprises some 2,500 members Australia wide, who work within Government, Education and predominately the private sector. Our members are involved in a diverse range of activity, falling generally within several of the FIG commissions. Australian Surveyors embrace the FIG definition of a surveyor for its broad terms, acknowledging that not all apply to all members. In addition to surveyors we also welcome other geo-related professionals to FIG 2010 such as valuers and planners.

An International Congress is for most of us a window of opportunity we rarely see. It is a time to meet fellow professionals from other parts of the world, to hear their issues first hand, and to reflect on solutions proposed or implemented by others and how that may apply to the local situation. Our issues are surprisingly similar, as are our challenges; therefore the solutions are also likely to have a degree of commonality. Much

more than this, the Congress is a time to look at the bigger picture, reflect on organisations such as the UN, and World Bank and Millennium Development Goals and how Australia fits into the world picture.

I cordially invite all members to attend this event and to enjoy the technical and social aspects and the opportunities that this event provides.

I welcome you all to "down under" in April 2010.

**Jonathan Saxon**  
ISA President



## PROGRAM AT A GLANCE

Time	Saturday 10 April	Sunday 11 April	Monday 12 April	Tuesday 13 April	Wednesday 14 April	Thursday 15 April	Friday 16 April	
Morning	Pre-Conference Workshops <i>(optional)</i>	Pre-Conference Workshops <i>(optional)</i>	Commission Annual Meetings	Technical Sessions (8-10 Parallel)	Technical Sessions (8-10 Parallel)	Technical Sessions (8-10 Parallel)	Presidents' Meeting	
	ACCO Meeting <i>(by invitation)</i>	General Assembly		Coffee Break	Coffee Break	Coffee Break		Coffee Break
	Lunch Break	Lunch Break	Lunch	Opening Ceremony	Plenary Session 2	Plenary Session 3	Plenary Session 4	General Assembly
Afternoon			Plenary Session 1	Exhibition Open	Poster Sessions	Exhibition Open	Poster Sessions	Closing Ceremony
					Technical Sessions (8-10 Parallel)			
	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	FIG Farewell Reception <i>(Included)</i>	
			Technical Sessions (8-10 Parallel)	Technical Sessions (8-10 Parallel)	Technical Sessions (8-10 Parallel)	Technical Sessions (8-10 Parallel)	Technical Tours	
			Poster Sessions	Free Time	Free Time	Free Time		
Evening	ACCO Dinner <i>(by invitation)</i>	Welcome Reception <i>(Included)</i>	FIG Foundation Dinner	ISA Reception <i>(by invitation)</i> Commission Dinners	Home Visits	Gala Dinner		

### Program Overview

The Congress program will showcase the work of FIG and its Commissions, Task Forces and Permanent Institutions. The program will be underpinned by invited presentations in four plenary sessions covering major challenges for Society and the Profession in the 21st Century. There will also be as many as 80 technical and poster sessions along with workshops and pre-congress seminars. Delegates will also be offered a range of very interesting technical tours aimed at highlighting the role of our profession in Australia and set across the broad context of FIG's Commissions. Other highlights in the Program include...

### Forum for Chief Executive Officers Tuesday 13 April 2010

As part of FIG's commitment to develop new partnerships with its governmental Affiliate Members, the Sydney Congress will include a special Forum for the Chief Executive Officers of National Mapping and Cadastral Agencies. The forum will offer the opportunity for busy Chief Executive Officers to network with like-minded colleagues from around the world. As well as a forum for discussing the latest trends in our industry, it will also enable the Chief Executive Officers to discuss organisational and policy issues associated with the evolving role of Government agencies in the 21 Century. This Forum is a special event for CEOs to attend in conjunction with the Congress.

By invitation only.

### Workshop on "Small Island Developing States and the Millennium Development Goals" Wednesday 14 April 2010

With the Congress located in Sydney, on the doorstep to the Pacific region, it is appropriate for the Congress to include a special seminar looking at the issues confronting so-called "Small Island Developing States". These island nations face special challenges as they struggle with Land Governance issues associated with achieving the Millennium Development Goals. This seminar will bring together decision makers and practitioners from several Island States with experts on many land governance issues drawn from the many areas of expertise available across the FIG membership. FIG will also involve its key UN partner organisations interested in helping to meet the challenges facing Small Island Developing States.

### History Workshop Friday 9 & Saturday 10 April 2010

A two day workshop in association with the FIG Permanent Institution on the History of Surveying and Measurement will be attached to the Congress. The workshop will examine the development of the surveying profession in Australia and will be held in the Old Government House in Parramatta, which is the oldest existing public building in Australia. The workshop will include a focus on the first Surveyors General of the Australian States and Territories, with an interesting twist being that the presentations will be made by the current Surveyors General of those States and Territories.

Additional fee. Separate registration required.

### Congress Prize

The International Federation of Surveyors (FIG) and the Institution of Surveyors Australia (ISA) have decided to offer the FIG Congress Prize for Young Surveyors of FIG member associations at the XXIV FIG International Congress in Sydney, Australia. The value of the prize will be 1,500 Euros, together with complimentary registration and accommodation at the Congress hotel from April 11th to 16th and a return airfare to and from Sydney (economy class up to costs of at most 1,200 Euro). Eligible to compete for the prize are members of FIG member associations who have not reached the age of 36 by December 31st, 2010.

Papers must be submitted through the authors' member association, which should send submissions on to the FIG office to arrive no later than 30 November 2009.

The successful candidate will be invited by the President of FIG and the President of ISA to attend the Congress. The prize will be presented during the opening ceremony.

### Pre-Conference Workshops Saturday 10 & Sunday 11 April 2010

The program provides for pre-conference workshops which may be run by sponsors, exhibitors and other interested parties. Further information will be available on the Congress website.

## OPENING CEREMONY

The congress opening session will provide a spectacular introduction to congress, its theme, and its unique location. Formal welcome addresses will be given in balance with more entertaining features. Participants and accompanying persons will enjoy an attractive opening of a week fully packed with professional presentations and discussions as well as social events and technical tours. The key attraction of the opening session is of course the congress keynote that deals with one of the key challenges of our times.

## Congress Keynote



### TIM FLANNERY

The Congress Keynote will be presented by Professor Tim Flannery, who is one of Australia's leading thinkers, an internationally acclaimed scientist and conservationist and 2007 Australian of the Year. In line with our Congress theme of "*Facing the Challenges*", Tim will speak about Climate Change; one of the greatest challenges facing our world and our Profession in the 21st Century.

For his keynote presentation Tim will draw on ideas from his groundbreaking book, "*The Weather Makers: How Man Is Changing the Climate and What It Means for Life on Earth*", which debuted on *The New York Times* bestseller list. Tim will explore the connection between climate change, global warming, and human activity. He will also lay out a game plan for halting current warming trends and beginning to reverse the damage we have done. Tim has said that his goal is to mobilize his listeners "both personally and politically" to recognize that we are all "weather makers" and that the only choice, both logically and ethically, is to face this challenge before it's too late.

Tim Flannery is a former director of the South Australian Museum, and is currently a professor at Sydney's Macquarie University. He spent a year as professor of Australian studies at Harvard, where he taught in the Department of Organismic and Evolutionary Biology. In 2002, he became the first environmentalist to deliver The Australia Day address to the nation. In 2005 he was honoured as Australian Humanist of the Year and, in 2007, he was named Australian of the Year.



Koalas

## Plenary Session 1 - Monday - FIG Achievements for 2007-2010

The Congress marks the culmination of the four-year Work Plans of the FIG Council and the 10 FIG Commissions. This first Plenary Session will take stock of that work through a keynote presentation of the FIG President as well as invited presentations by selected FIG office bearers. The session will profile the work of the FIG Council, Commissions, and Task Forces, and highlight particular achievements such as seminal workshops, agreements, declarations and publications.



### STIG ENEMARK

The FIG President Stig Enemark will present the overall achievements of FIG for 2007-2010 in relation to the FIG work plan and the policies of the FIG Council. The role of FIG in both "flying high" and also keeping the "feet on the ground" will be explained through a range of examples and activities that have increased the standing of the surveying profession world wide. This can influence the global agenda and at the same time provide interesting opportunities for member associations and individual surveyors at national level.

Stig Enemark is President of FIG. He is Professor in Land Management and Problem Based Learning at Aalborg University, Denmark, where he was Head of School of Surveying and Planning 1991-2005. He has been substantially involved in the Danish Association of Chartered Surveyors (DdL) being President 2003-2006, and he chaired the FIG Commission 2 on Professional Education 1994-1998. He is an honorary member of both DdL and FIG.

He is a well know international expert in the areas of land administration systems, land management and spatial planning, and related educational and capacity building issues. He has published widely in these areas and undertaken consultancies for the EU and World Bank especially in Eastern Europe and Sub Saharan Africa.



Testing didgeridoos

## Plenary Session 2 - Tuesday - Spatially Enabled Society

The second plenary session will examine the accelerating trend towards a more spatially enabled society and what that means for our Profession. The topic will be addressed by three internationally recognised keynote speakers addressing topics ranging from the global perspective to what spatial enablement means in two quite different region of the planet, Latin America and Australasia.



### ABBAS RAJABIFARD

Abbas Rajabifard will draw on his experience as President of the Global Spatial Data Infrastructure (GSDI) Association to speak on issues facing the profession globally, as we move towards a Spatially Enabled Society.

Dr Abbas Rajabifard is an Associate Professor and Director of the Centre for Spatial Data Infrastructures and Land Administration at the Department of Geomatics, the University of Melbourne. He is President of the GSDI Association, and has been a driving force within the UN supported Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP). His research interests include the design and development of SDIs in different jurisdictions, benchmarking worldwide cadastral systems and administration and SDI in marine areas. He has also consulted widely to many national government agencies and ministries.



### SANTIAGO BORRERO

Santiago Borrero is Secretary General of the Pan American Institute of Geography and History (PAIGH) and will outline some of the key challenges being faced by administrators in the Latin American Region as they work to build Spatial Enabled Government.

Born in Bogotá, Colombia, Santiago graduated from MIT in 1977. He has more than 28 years of experience in Information and Development, mainly in the production and application of spatial information to land administration and governance and the strategic value of geographic information for developing nations. Santiago is well known and respected internationally, where he has chaired the Global Spatial Data Infrastructure (GSDI) Association, the Permanent Committee on SDI for the Americas (PC-IDEA) and the PAIGH Cartographic Commission. During his career in Colombia, he has been Director General of the "Agustin Codazzi" National Geographic Institute (1994-2002).



### WARWICK WATKINS

The third invited presentation in this Plenary Session gives a local perspective on how spatial enabled government is facilitated in the State of New South Wales and the region of Australia and New Zealand. The focus is on making spatial information easily accessible to government, business and citizens. This will be delivered by Warwick Watkins, the Chair of the Australian and New Zealand Land Information Council (ANZLIC).

As well as his role in ANZLIC, Warwick is the Director General of the Department of Lands in New South Wales (NSW), where he is also the Surveyor General, the Registrar General and the Commissioner of the Soil Conservation Service. His Department has a broad set of responsibilities including Land and Property Information, administration and management of Crown Lands, Native Title and Aboriginal Land Claims, Soil Conservation Service, Land Boards, the Emergency Information Coordination Unit, the Office of Rural Affairs and the Office of Biofuels. Warwick has received a number of awards and is an Honorary Fellow of the Institution of Surveyors.



*Outback Queensland*

## Plenary Session 3 - Wednesday - The Big Challenges

The third Plenary Session will further develop the Congress theme of "Facing the Challenges". Three internationally recognised keynote speakers will explore in detail three of the Big Challenges of the 21st Century and their relevance to our Profession namely Climate Change, Disaster Management and Land Governance.



### DANIEL FITZPATRICK

Daniel Fitzpatrick will speak about another of our *Big Challenges*, Disaster Management. In his presentation entitled "*From Vulnerability to Resilience: Addressing Land Issues after Natural Disasters*", Daniel will outline the new UN guidelines on addressing land issues after natural disasters (UN HABITAT and FAO). His presentation will focus on developing country land systems that are vulnerable to natural disasters because of poor land use planning and weak land administration systems. His presentation will use the Indonesian tsunami as a case-study.

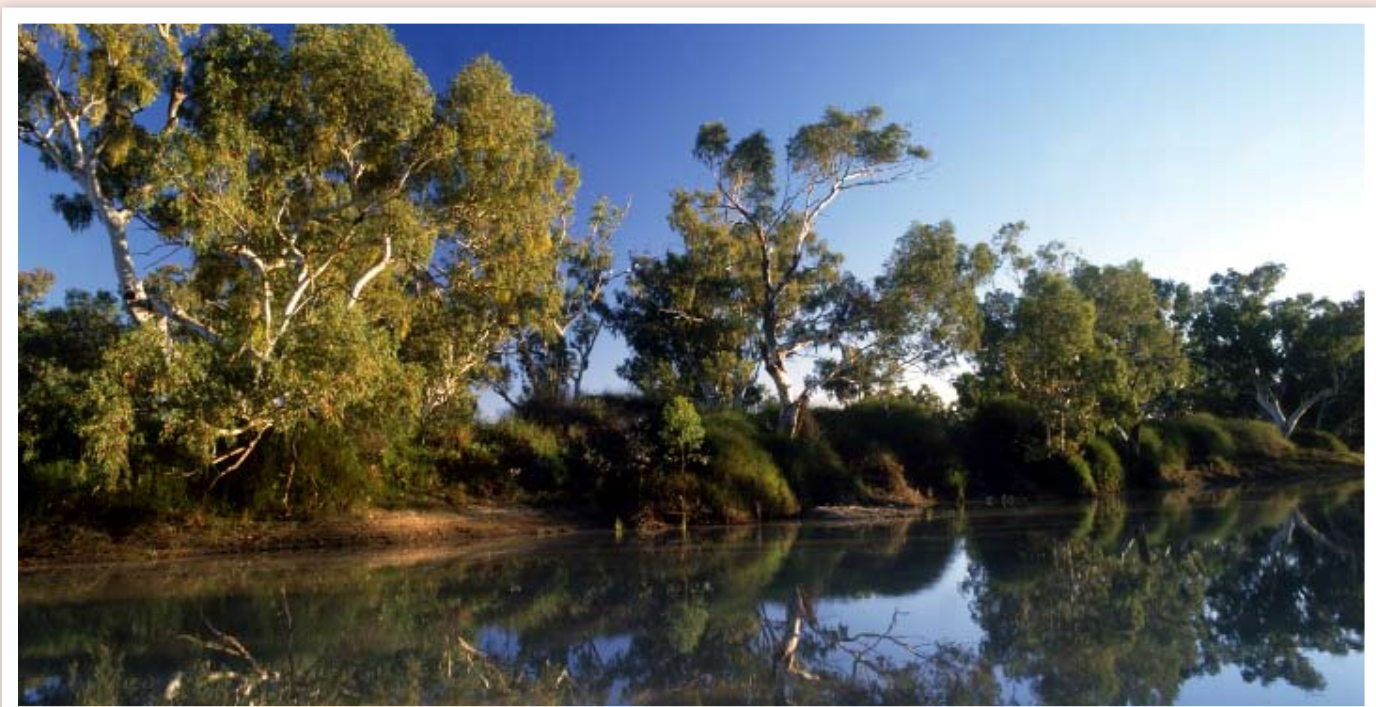
Dr. Daniel Fitzpatrick is a Reader in Law at the Australian National University. He was the UN's land rights adviser for tsunami-affected Indonesia (2005-6). Currently he is finalizing the UN's Guidelines on Addressing Land Issues after Natural Disasters. He has been a Visiting Professor at the University of Muenster and the National University of Singapore, and a Distinguished Visitor at the University of Toronto.



### PAUL MUNRO-FAURE

The final speaker in this Plenary Session will be Dr. Paul Munro-Faure from the Food and Agriculture Organization (FAO). Paul will speak on the crucial role played by Good Land Governance in the work of FAO. The focus will be on the current development of Voluntary Guidelines on Responsible Governance of Tenure of Land and Natural Resources.

Dr. Paul Munro-Faure is Chief of the Land Tenure and Management Unit of the Food and Agriculture Organization (FAO) based in Rome. He is a Chartered Surveyor with qualifications in land management, rural planning and public sector land management, with extensive practical experience in the agricultural and urban sectors in the developed market economies, in the transitional economies of Central and Eastern Europe and the CIS, in the Asia/Pacific region and in Africa. He has been substantially involved in the UK's Royal Institution of Chartered Surveyors and chaired the International Federation of Surveyors' (FIG) Commission 7 on Cadastre and Land Management 1998-2002.



Coopers Creek, South Australia

## Plenary Session 4 - Thursday – Technological Futures

The final Plenary Session for the Congress will take a look into the future, including the technologies that will influence our profession as we move into the second decade of the 21st Century. This glimpse into the future will be described from three quite diverse perspectives, an eminent scientist, a commercial technology evangelist and a custodian of public infrastructure.



### MARY O'KANE

Mary O'Kane is the Chief Scientist for New South Wales and will draw on her experience in two recent reviews by the Australian Government into the important roles played by Research and Science in modern Australian society. Mary is especially well qualified to put these issues into the context of our Profession, based on her role as Chair of Australia's Cooperative Research Centre for Spatial Information.

Mary is a specialist in high technology commercialisation, national and international research strategy and higher education policy and is Executive Chairman of Mary O'Kane & Associates Pty Ltd, a Sydney-based company that advises governments, universities and the private sector on innovation, research, education and development. Professor O'Kane was Vice-Chancellor of the University of Adelaide from 1996-2001 and Deputy Vice-Chancellor (Research) from 1994-96. She was also Professor of Electrical and Electronic Engineering within the University. Professor O'Kane serves on a number of boards and committees in the public and private sectors. She is Chair of the Australasian CRC for Interaction Design.



### ED PARSONS

Ed Parsons is Google's Geospatial Technologist for Europe, Middle East and Africa and a driving force in the development of Google's geospatial technologies. Ed will outline his vision for evangelizing Google's mission to organize the world's information using geography, and tools including Google Earth, Google Maps and Google Maps for Mobile.

Ed Parsons is Geospatial Technologist at Google Inc and is also a Founder of Open Geomatics, a strategic consultancy focused on geospatial technology tracking and neogeography. Ed joined Google following his role as Chief Technology officer at the Ordnance Survey of Great Britain. While at OSGB, he set the strategic direction in Information Technology and specifically GeoSpatial data management. Before joining Ordnance Survey, Ed was EMEA GIS Applications Manager at Autodesk and prior to that a Senior Lecturer at Kingston University.



### MATT HIGGINS

The final presentation in this Plenary Session will be given by FIG Vice President, Matt Higgins. Matt represents FIG in the UN mandated International Committee on Global Navigation Satellite Systems and will speak on the rapidly developing area of positioning technology, the move towards ubiquitous positioning infrastructure and the implications for FIG members.

Matt Higgins is Principal Survey Advisor with the Department of Natural Resources and Water in the Queensland Government in Australia. He holds Bachelor and Masters Degrees in Surveying. Through his role as FIG Vice President, Matt represents the Federation on the UN mandated International Committee on GNSS. In May 2008, GPS World magazine named Matt in the 50+ leaders to watch in GNSS business. Also in 2008, Matt was elected President of the Australian based International GNSS (IGNSS) Society. At the 2005 Asia-Pacific Spatial Excellence Awards, Matt received the award for "Professional Eminence and Excellence in the Spatial Sciences". The award is the SSI's highest form of recognition for professional eminence.



Manly Beach

## TECHNICAL PROGRAM

The overall theme of FIG 2010 is "**Facing the Challenges – Building the Capacity**". This theme is particularly relevant to today's world. We are now faced with a global economic crisis of immense proportions, and living in a world undergoing dramatic climate change whose consequences are unknown and, thus far, unpredictable. Never before has the need to Face the Challenge - the challenge to share ideas and resources; to cooperate between nations, between generations and between disciplines – been more urgent. The four plenary sessions address the key issues from climate change, disaster risk management and good land governance to spatially enabled society and technological futures such as positioning infrastructures and information mobility. The technical program will include a broad professional and scientific program with 10 slots each offering from 8 up to 10 parallel sessions and workshop. With 4 poster session slots over four days the program will offer up to 600 presentations.

The carefully prepared technical program will offer both specially invited high profile presentations as well as papers that are selected through the open call for papers procedure. For the first time at an FIG Congress the Call for papers is open for both peer review and non-peer review submissions. FIG 2010 will gather international professionals and academia members from the fields of land professionals (land surveying, land and real estate appraisal, GIS, spatial planning, positioning and measurement, environmental awareness, engineering surveying and project management). FIG 2010 will be the major FIG Congress summarising the results of activities from FIG, its Council, commissions and working groups from the four year period 2007-2010.

## CALL FOR PAPERS

FIG 2010 is the main event for all ten FIG technical commissions. Therefore proposals for papers are requested to all topics of interest to the following commissions:

1. Professional Standards and Practice
2. Professional Education
3. Spatial Information Management
4. Hydrography
5. Positioning and Measurement
6. Engineering Surveys
7. Cadastre and Land Management
8. Spatial Planning and Development
9. Valuation and the Management of Real Estate
10. Construction Economics and Management; and

History of Surveying and Measurement (Permanent Institution of FIG).

Each of the ten technical commissions have carefully picked up detailed topics for which we invite proposals both for non-peer review and peer review presentation. These topics are listed on the congress web site.

## Submission of Proposals

This Call for Papers is for both **peer review papers** and **non-peer review papers**. Detailed information is shown on the congress web site and the important dates in the **Important dates section**.

**Abstracts for non-peer review** and **full papers for peer review** process have to be submitted by **22 September 2009**. The abstract shall not exceed 250 to 500 words in length describing the objectives, results, conclusions and significance of your work. Please feel free to submit an abstract on any topic related to the specific topics of FIG 2010. The abstract shall be submitted online to FIG on the following web site:

<http://www.fig.net/abstractdb/submit.asp?id=12>

When submitting the abstract please mark whether the paper is meant for "non-peer review" or for "peer review" presentation.

If you have any problems in submitting the abstract online, you can also send it to the FIG Office:

International Federation of Surveyors  
Kalvebod Brygge 31-33  
DK-1780 Copenhagen V  
Denmark

Email: [fig@fig.net](mailto:fig@fig.net).

The number of abstracts is limited to **maximum two per author**.

If you want to present a **peer review** paper at the congress you shall submit your full paper by **22 September 2009**. When preparing the paper, please follow the guidelines prepared for papers that are available on the congress web site. The peer review process is double blind and deadlines for different steps can be seen below under **important dates**.

## Important dates

Deadlines for submitting abstracts, papers and registration are:

Non Peer Reviewed Papers	Peer Reviewed Papers
<b>22 September 2009</b> Deadline for authors to submit non peer reviewed abstracts.	<b>22 September 2009</b> Deadline for authors to submit full papers for peer review.
<b>19 November 2009</b> Confirmation to authors of acceptance of non peer reviewed abstracts. First draft of the technical program will be published on the web.	<b>19 November 2009</b> First notification to authors of acceptance to authors of peer reviewed papers. For accepted papers, authors will also be notified of any modifications required by the reviewers. Authors of papers not accepted for peer review will be offered to convert the paper to the non peer review process.
	<b>10 December 2009</b> Deadline for authors to submit revised full paper for 2nd round of peer review (depending on proposed corrections from reviewers).
	<b>14 January 2010</b> Second notification to authors of acceptance of peer reviewed papers with the possibility of further modifications from the 2nd round of peer review.
<b>All Papers (peer reviewed and non peer reviewed)</b>	
<b>14 January 2010</b> Technical program published on the conference web site.	
<b>21 January 2010</b> Deadline for all authors to submit Full Papers.	
<b>28 January 2010</b> Early bird registration closes and deadline for all authors to register.	
<b>11-16 April 2010</b> XXIV FIG International Congress 2010.	

## TECHNICAL TOURS

A number of attractive and informative Technical Tours are being organised to complement the Congress experience. These tours will visit sites and organisations of particular interest to Congress delegates, and have been organised at times which do not clash with the relevant Commission's technical sessions. The chosen venues are generally within half hour of the Convention Centre, and delegates will be bussed to and from the more distant sites. Afternoon tea will be provided at some of the venues.

### Tuesday afternoon, 13 April 2010

#### Infrastructure and Cadastral Surveys Commission 1, 6, 7 & 10

One of Sydney's largest multidisciplinary private Survey companies will brief you on their role in major infrastructure projects including the A\$5 Billion Sydney CBD Metro project.

This company has the primary role of undertaking all of the necessary survey and spatial information work including engineering and cadastral surveys, Spatial information management and visualisation for the single largest piece of new transport infrastructure for Sydney. The visit will showcase 3D modelling/visualisation, innovative practices and the vital role of surveyors in supporting new public infrastructure and development.

Cost: A\$44.00

#### Spatial Data Management Commission 3

Come and watch "Big Brother" watching you! Sydney's Transport Management Centre operates 24/7 and collects information from over 1000 CCTV cameras Statewide to manage the NSW traffic network: providing traffic information and monitoring traffic conditions resulting from incidents and large impact events such as FIG2010. View the 24-panel video wall and experience SCATS, controlling over 3,400 traffic signals in response to changes in traffic flow. Be amazed at the versatility of Street Finder and its associated maps and images. The Transport Management Centre demonstrates the importance of spatial information in one of its most dynamic applications. This tour is truly "outer-Spatial"!

Cost: A\$44.00

#### E-PLANNING: Applications in Landuse Planning and Development in NSW Commission 8

Visit a heritage listed government building close to Circular Quay and a short walk from the site of the Australia's first Government House where the NSW Department of Planning will present to you an overview of the NSW Planning system and how electronic planning systems (e-Planning) are being used to spatially enable landuse planning and development activities state-wide as well as delivering sustainable residential building design through the innovative BASIX program. Following the presentations, a short walk ( weather permitting) will take you through the birthplace of European settlement in Australia and on to view first hand best practice commercial building design in Sydney's CBD.

Cost: A\$44.00

### Wednesday afternoon, 14 April 2010

#### Land Management Commission 3 & 7

A short trip across town brings us to the NSW Department of Lands. This government department is responsible for land administration in NSW including titling, valuation, surveying and land information for a state more than twice the size of Germany and Denmark combined. The Lands Department is also the lead agency responsible for spatial information policy and standards for whole of State government.

The visit will showcase the electronic lodgement and processing of survey information for land titling using the world wide web and "ePlan". This tour highlights the latest spatial data infrastructures and governance supporting a spatially enabled society as well as the integrated management and delivery of information including all rights, restrictions and responsibilities underpinning land markets.

Cost: A\$44.00

#### Sydney Emergency Operations Centre Commission 3

Visit one of Sydney's Emergency Services Operations Centres to see first hand how major events and emergencies are planned and managed utilising spatial information tools and applications. The Centre deals with major events including New Years Eve Celebrations and most recently the World Youth Week which involved half a million additional visitors into the Sydney CBD

Cost: A\$44.00

#### Hydrographic Surveying- Sydney Harbour Commission 4

The Australian Hydrographic Service (Royal Australian Navy) and Sydney Ports Corporation will provide delegates with a working demonstration of the latest multi-beam sonar technology including a visit to the historic Fort Denison tide gauge situated in the middle of Sydney Harbour with the best waterfront views of Sydney's icons including the Harbour Bridge, Opera House, City CBD skyline and historic buildings.

The Australian Hydrographic Service will demonstrate how survey data is processed to produce a range of nautical products essential for navigation of commercial vessels and pleasure craft.

Cost: A\$44.00

#### History of Surveying in Sydney - Walking Tour

Enjoy a short ferry ride under the Harbour Bridge to Circular Quay for a presentation on surveying the unique Opera House sails before heading along historic Macquarie Street to the imposing Lands Department building with its statues of early Australian surveyors and explorers. Walk down to the Quay and through the historic Rocks area to the Sydney Harbour Bridge Pylon Lookout and Museum to view the theodolite that built the Bridge and learn about the surveyors involved in its construction.

Cost: A\$44.00

### Thursday afternoon 15 April 2010

#### Professional Education of Surveyors and "Spatialists" Commission 2

Welcome to the University of New South Wales for a guided tour of the School of Surveying and Spatial Information System's world renowned SNAP (Satellite Navigation And Positioning) laboratory, teaching facilities and instrument collection. The tour will include a visit to the Award-winning Quadrangle with the School's very own Millennium Sundial – the largest vertical sundial in the world.

Cost: A\$44.00

### CORS Network: GNSS for Sydney and New South Wales Commission 5

Join your colleagues on a visit to the CORS Network Data Centre at the NSW Department of Lands, and see the real-time monitoring of network station performance and processing of GNSS positioning in real-time. Observe the methods used and results achieved by this advanced technological innovation for geopositioning. This is a collaboration between the UNSW Satellite Navigation And Positioning Group and the NSW Department of Lands that we are sure you will enjoy.

Cost: A\$44.00

### Valuation Commission 9

Delegates will be given a comprehensive briefing on the NSW Land Valuation system, best practice and processes underpinning land markets. Discussions will cover all aspects of valuation in NSW including the Mass Appraisal approach.

Cost: A\$44.00

## SOCIAL PROGRAM

An excellent program of Social Functions has been put together for FIG 2010 that promises delegates and partners a tantalizing taste of some of the great locations, food and wines of Sydney and Australia

The following events are **included** in the registration fee for delegates and accompanying persons. If you require additional tickets please indicate on your registration form.

### Sunday 11 April 2010

#### Welcome Reception

**Time:** 1830-2030  
**Location:** Sydney Town Hall

An invitation is extended to all delegates and registered accompanying persons to attend the official Welcome Reception. This is an excellent opportunity to renew old friendships and make new acquaintances as we welcome you to Sydney with delicious canapés and refreshments

#### Farewell Reception

**Time:** 1500-1630  
**Location:** Parkside Foyer,  
Sydney Convention and Exhibition Centre

Delegates and exhibitors are invited to farewell the Congress and its host city in an informal environment. Join us as we toast to a successful Congress.



## YOUNG SURVEYORS BEYOND HORIZONS

Our Young Ambassadors have organised 4 absorbing pre-Congress tours for young and young-at-heart surveyors and their families. Choose between travelling into the real Australian Outback to commemorate John McDouall Stuart's 19th century expeditions, tasting the application of GIS technologies in a famous Australian wine region or exploring Surveying in Sydney before gathering together in the nation's capital, Canberra, to inspect the Mt Stromlo observatory and to celebrate the 100th anniversary of the surveying of the Territory borders. For more details on this exciting program, see the website [www.fig2010.com](http://www.fig2010.com).

## OPTIONAL SOCIAL PROGRAM

The following events are **not included** in the registration fee for delegates and accompanying persons. If you require tickets to these events please indicate the number of tickets required on your registration form.

### Monday 12 April 2010

#### FIG Foundation Dinner

**Time:** 1900 – 2300  
**Location:** Captain Cook Cruises

Guests are invited to dine on stunning Sydney Harbour, cruising by such icons as the Sydney Opera House and Harbour Bridge. Join us for an enchanting scenic cruise whilst enjoying a three course meal complemented by Australian wines, beers and assorted soft drinks.

Cost: A\$180.00 (includes donation to FIG Foundation)

### Wednesday 14 April 2010

#### Home Visits

**Time:** 1900 - 2230  
**Location:** within 1 hour of Sydney CBD

Come and experience some Aussie hospitality when you visit the home of an Australian surveyor living in the Sydney region. Aussies are renowned for their friendly outdoor Barbeques which would include some of the best food Australia has on offer, all in a relaxed atmosphere where you will get to swap stories and experiences with your hosts and other international colleagues. The name and address of your host for a Home Visit will be sent to you closer to the commencement of the Congress.

Cost: A\$50.00

### Thursday 15 April 2010

#### Gala Dinner

**Time:** 1900 – 2300  
**Location:** Dockside, Cockle Bay

This stunning venue is perfectly positioned above the busy Darling Harbour waterfront within easy walking distance of the Congress venue and is destined to be the social highlight of the Congress. The Gala Dinner will feature an unique opportunity to immerse yourself in a social experience that this harbour side city is so famous for: fabulous food & beverages in a beautiful and relaxed environment, all under one roof.

Cost: A\$165.00

## OPTIONAL TOURS

These tours have been designed by Tour Hosts Pty Limited for participating delegates and accompanying persons. Only the best aspects of Sydney and its environs have been incorporated to provide value for money for persons whose time is at a premium. All sightseeing tours include the services of a guide, all entry fees and meals where specified. All tours are based on a minimum number of participants. If this number is not reached, alternative places will be allocated strictly in order of receipt of bookings. Where participants cancel their day tour bookings prior to **10 March 2010**, payment will be refunded in full. Thereafter, no refund will be made. It is recommended that comfortable shoes and informal dress be worn on all tours.

### OPTIONAL TOURS - FULL DAY

(Please note, these tours are not included in registration fees)

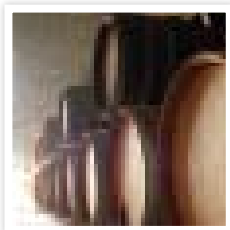
**Tuesday 13 &  
Saturday 17 April 2010**

#### Hunter Valley Wine Tour

**07.30hrs - 18.30hrs**

**Cost: A\$165.00 per person**

A trip to Sydney is not complete without a visit to the world class wineries of the Hunter Valley.



Wend your way through the leafy Northern Suburbs, and then escape through the towering sandstone outcrops of Ku-ring-gai National Park to reach the mighty Hawkesbury River.

From Mt View you will descend into the Hunter Valley and begin your wine tasting experience at a few of the very special boutique wineries in the area. Here you will have the opportunity to chat to the owners, admire their cottage locations and let them show off the best of their vintages.

At the foothills of the Broken Back Range, you will enjoy a sumptuous lunch and then spend the afternoon visiting some of the larger vineyards for more superb wine tasting. As the afternoon approaches you will return to Sydney via the scenic freeway to conclude this relaxing and enjoyable day.

*Includes guided tour with morning tea and lunch.*



**Tuesday 13 &  
Saturday 17 April 2010**

#### Discover Blue Mountains Tour

**08.00hrs - 18.00hrs**

**Cost: A\$195.00 per person**

Heading across the western plains of metropolitan Sydney you will make your way to the Great Dividing Range of Australia. It is here that you leave the 'average' Blue Mountains tourist behind and enter the National Park to unlock a piece of Australia you would never have known existed.



Visit outstanding lookouts, examine rock formations and the unusual plants and wildlife that abound the area. After lunch, soak up magnificent views of Govetts Leap Lookout, then the Jamieson Valley, and the Three Sisters famous rock formation and the Scenic Railway.

*Includes guided tour with lunch. Scenic Railway is an optional cost.*

### OPTIONAL TOURS - HALF DAY

(Please note, these tours are not included in registration fees)

**Sunday 11 April 2010 or  
Wednesday, 14 April 2010**

#### Sydney City Sights

**08.30hrs - 12.00hrs**

**Cost: A\$67.00 per person**

Explore the vibrancy and style of cosmopolitan Sydney, one of the world's most beautiful harbour cities. Discover colonial buildings and cobbled lanes in The Rocks, Sydney's oldest historical precinct. Enjoy views of the Harbour Bridge and Opera House from Mrs Macquarie's Chair, a waterfront seat carved into the rock for the wife of visionary colonial governor, Lachlan Macquarie. Travel through Sydney's fashionable eastern suburbs, renowned for their elegant homes and harbour vistas, on the way to world-famous Bondi Beach – a haven for surfers and sun lovers.

*Includes knowledgeable guide.*

*This city tour on Wednesday 14th April is included in the Full Accompanying Persons Registration Fee.*

**Wednesday, 14 April 2010**

#### Northern Beaches Tour

**13.45hrs – 17.30hrs**

**Cost: A\$67.00 per person**

Take an afternoon tour across the Harbour Bridge and enjoy the charm of Sydney's coastline. Capture the beauty and lifestyle of Manly and the Northern Beaches.



*Includes knowledgeable guide.*

Please note that this is a non exclusive tour.

Guests can either return by ferry or coach. Additional costs will be incurred for ferry return.

### DAILY OPTIONAL TOURS – HALF DAY (These Tours are not included in registration fees)

#### Sydney Harbour Coffee Cruise

**Cruise departs daily at 10.00hrs and 14.15 hrs.**

**Vouchers supplied but no Booking required.**

**Cost: A\$52.00 per person**

The Matilda Sydney Harbour Coffee Cruise departs daily from Sydney's centrally located Pier 26, Darling Harbour at both 10:00hrs and 15:00hrs.



Onboard, take in all the splendid Harbour attractions including the Opera House, Harbour Bridge and Fort Denison. The coffee cruise offers a truly Australian flavour, with fresh espresso coffee and fine teas accompanied with tasty Australian fare. You will also enjoy lunch at the waterfront restaurant.

*Duration: Approx. 2 hours and 20 minutes.*

*Includes live commentary cruise (non exclusive).*

*Please note that this is a non exclusive tour.*

*Transport not included, guests are required to make their own way to the Captain Cook Jetty at Circular Quay.*

### Bridge Climb

**Date:** Climbs are available Monday – Friday during the Congress  
**Time:** Climbs run every 15 minutes  
**Cost:** A\$199.00 per person for a day climb (price will increase for night and twilight climbs by approx. A\$70.00 per person).

Climbing the Sydney Harbour Bridge is an exhilarating experience. Rendezvous at the BridgeClimb office for a safety briefing and prepare for your three-hour adventure! Accompanied by an experienced leader your small team will cross the catwalk to the pylon and walk up to the summit of the Bridge's upper arch - 130 metres above sea level. Safely harnessed to a static line for the duration of the climb, be treated to spectacular 360-degree views across one of the greatest harbours in the world.

*Duration:* Approx. 3 hours.

*Includes knowledgeable guided tour (non exclusive).*

*Transport not included, guests are required to make their own way to the BridgeClimb office in the Rocks.*

*Please email the Congress managers at fig2010@tourhosts.com.au and advise your preferred day & time and number of persons attending. Climbs run every 15 minutes and are subject to availability at the time of booking. Please visit the Congress website www.fig2010.com to read the terms and conditions prior to booking your climb. Please note that full payment is required to make and confirm your booking.*



### Sydney Opera House Guided Tour

**Date:** Tours are available Monday – Friday during the Congress  
**Time:** Tours run every 30 minutes between 09.00hrs - 17.00hrs  
**Cost:** A\$37.00 per person

Your guide will bring to life the stories and secrets behind this international landmark, its original design and building period as well as today's uses. See inside the major theatres and halls, where some 2,500 events and performances are staged each year and learn what's on during your stay. There are approximately 200 steps on this tour.

*Duration:* Approx 1 hour.

*Includes knowledgeable guide.*

*Please note that this is a non exclusive tour.*

*Transport not included, guests are required to make their own way to the Sydney Opera House.*

*Please email the Congress managers at fig2010@tourhosts.com.au and advise your preferred day & time and number of persons attending. This tour runs every 30 minutes between 09.00hrs - 17.00hrs and is subject to availability at the time of booking. Please note that full payment is required to make and confirm your booking.*



## TOURS GENERAL INFORMATION

### Departure Point

All tours (except those listed below) will be departing from the Bayside Foyer, Ground. All participants are requested to assemble 10 minutes prior to the departure of each tour.

Please note that delegates will be required to make their own way to the following:

- Bridge Climb
- Dinner Cruise
- Sydney Opera House

Further details will be advised closer to the Congress

## OPTIONAL POST TOURS

### Reef & Rainforest

**Duration:** 4 days/3 nights  
**Dates:** 17 – 20 April 2010  
**Double Occupancy:** A\$1,135.00 per person  
**Single Occupancy:** A\$1,690.00 per person

North of Cairns, discover one of the most beautiful regions of Australia. Here, at the meeting point of an ancient rainforest and the Earth's largest living coral structure, guests will slow to a unique rhythm found only in Tropical North Queensland. Based in the exclusive village of Palm Cove, highlights include swimming and snorkelling on the Great Barrier Reef and discovering the beauty of the World Heritage listed Daintree rainforest.

*Includes airport transfers, full day Great Barrier Reef cruise including lunch, full day Cape Tribulation tour including lunch, three nights deluxe accommodation and breakfast daily. Further details can be supplied in a more detailed day-by-day itinerary. For a detailed itinerary, please contact the Congress Managers. Flights to/from Cairns are not included in the tour price and should be booked by the delegate.*



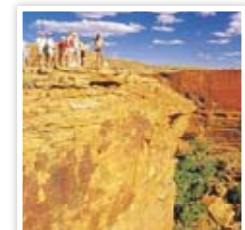
### Dramatic Red Centre

**Duration:** 4 days/3 nights  
**Dates:** 17 – 20 April 2010  
**Double Occupancy:** A\$1,460.00 per person  
**Single Occupancy:** A\$2,120.00 per person

Called the Heart of the Nation, the 'Red Centre' is arid, dramatic, vast, a land of extremes and home of Uluru (Ayers Rock) Australia's spectacular monolith.

Participants will also discover other geological wonders such as Kata Tjuta (the Olgas), Kings Canyon and more. Walk around the base of this huge monolith, view a magnificent sunrise and discover its significance to the Aboriginal people.

*Includes airport transfers, half day tour of Alice Springs, three days of touring from Alice Springs to Kings Canyon and onto Ayers Rock, three nights deluxe accommodation, breakfast daily and one dinner. Further details can be supplied in a more detailed day-by-day itinerary. For a detailed itinerary, please contact the Congress Managers. Flights to Alice Springs and departing from Ayers Rock are not included in the tour price and should be booked by the delegate.*



Kangaroo

## REGISTRATION

To register for the Congress please visit [www.fig2010.com](http://www.fig2010.com)

For those without access to the internet, please contact the Congress managers and arrange for a form to be sent to you. A clean photocopy of the form will be accepted, or additional forms can be obtained from the Congress managers or can be downloaded from the Congress website. [www.fig2010.com](http://www.fig2010.com).

Please note that all persons attending the Congress must register, including speakers and chairpersons.

### REGISTRATION FEE (per delegate)

Category	Early Bird Before 28 January 2010	Standard Before 8 March 2010	Late/Onsite After 8 March 2010
Full Registration	A\$990.00	A\$1,375.00	A\$1,645.00
Student Registration	A\$450.00	A\$550.00	A\$650.00
Day Registration	A\$650.00	A\$850.00	A\$910.00
Accompanying Persons Registration	A\$150.00	A\$150.00	A\$150.00
Full Accompanying Persons Registration*	A\$290.00	A\$290.00	A\$290.00

All fees are payable in Australian Dollars and is GST inclusive.

Exhibitors should refer to the Exhibition Manual for their registration details and entitlements.

To be entitled to the early registration fee, you must have registered and paid by 28 January 2010.

\*Full Accompanying Persons Registration includes the opening ceremony, Welcome Reception, Entrance to FIG 2010 Exhibition, Sydney City Sights tour on Wednesday 14 April 2010, Closing ceremony, FIG Farewell Reception and gift.

## ENTITLEMENTS

	Full Registration	Student Registration	Day Registration	Accompanying Person Registration
All Sessions,	✓	✓	✓	
All Congress documentation	✓	✓	✓	
Welcome Reception	✓	✓		✓
FIG Farewell Reception	✓	✓		✓
Morning and Afternoon Teas	✓	✓	✓	
Lunches	✓	✓	✓	
Satchel	✓	✓	✓	
Entrance to FIG 2010 Exhibition	✓	✓	✓	✓
Opening ceremony	✓	✓	✓	✓
Closing ceremony	✓	✓	✓	✓

## STUDENT REGISTRATION

A student is defined as a holder of a student identification card from a recognised tertiary or secondary educational institution or international student card. Students must be studying full time to qualify for the discounted rate.

Please Note: A copy of your student identification card is required when you submit your registration form. Without this copy, the full registration fee will be charged.

## PAYMENT OF FEES

Payment may be made by credit card, electronic funds transfers or cheque.

**Credit card payments:** Following credit cards are accepted: MasterCard, Visa, American Express and Diners. When paying via

credit card a merchant fee of 3% (processing fee) will be incurred. The additional fee will be reflected in the total transaction amount processed. Please note all transactions by credit card will appear on your statement as payment to 'Conference by THPL'

**Electronic Funds Transfers (EFT):** If you would like to pay by bank transfer please refer to the Congress website for full requirements and additional information

**Cheques** Cheques should be made payable to XXIV FIG International Congress 2010. Your name and full address should be typed or printed clearly on the back of the cheque. Cheque payments from overseas must be a bank cheque in Australian Dollars, drawn on an Australian Bank. No other currency will be accepted. Cheque payments will only be accepted until 16th March 2010. See further information on the web site.

Please note: Registrations will not be processed or confirmed until full payment is received.

## EXHIBITION

A comprehensive Exhibition will run concurrently with the Congress, from 12-15 April 2010. This Exhibition will showcase the latest and best in Surveying and Spatial products and services and will be the largest of its kind in the Asia Pacific Region in 2010. The exhibition will attract delegates outside traditional surveying and geomatics professions and thus the exhibition will provide a larger exhibition than at previous events.

The Exhibition will provide delegates and exhibitors with excellent opportunities to network in a favorable environment that provides a central and energized meeting place for all participants.

Exhibition space at this premier event will sell quickly. Companies interested in booking space are urged to contact the Congress managers urgently to ensure prime booth position. To view the current floor plan, please refer to the Congress website.

[www.fig2010.com](http://www.fig2010.com).

The exhibition will be officially opened with a lunch reception on Monday 12 April 2010 and will run until lunchtime on Thursday 15 April 2010.



## VENUE

Sydney Convention & Exhibition Centre  
Darling Drive  
Darling Harbour, Sydney, NSW 2000  
Tel: (61) 2 9282 5000  
Fax: (61) 2 9282 5041  
Email: [scec@scec.com.au](mailto:scec@scec.com.au)



Sydney Convention & Exhibition Centre

## SPONSORSHIP AND ADVERTISING OPPORTUNITIES

There are many attractive and high value sponsorship and advertising opportunities available to ensure that your organisation stands out at this premier event, which will be attended by your target market.

For further enquiries please contact the Congress managers who will be pleased to provide you with details of the best marketing package for your needs and budget. Alternatively you can also download a copy of the Sponsorship Prospectus from the Congress website:

[www.fig2010.com](http://www.fig2010.com).

## INVITATION LETTER

If you need a letter of invitation to allow your attendance to the congress, please contact the Congress Managers or indicate that you need such a letter in your registration.

## AUSTRALIAN VISA

All travelers to Australia, other than Australian and New Zealand citizens, are legally required to hold a valid visa to travel to Australia. Visas are either issued electronically (ETA), with nothing appearing in the passport, or through application where a sticker is required in the passport (Non-ETA).

It is advisable to apply for your visa as soon as possible to ensure processing time. The minimum time frame stated for an Australian visa application is six (6) weeks.

Delegates applying for a non-ETA visa may present their paid confirmation letter to an Australian visa office to support their application. FIG Congress organisers will not issue any other letters for this purpose. As a Congress delegate, you are not guaranteed to be granted a visa. For further application details please visit the Congress website [www.fig2010.com](http://www.fig2010.com).

## PRIVATE TOURING/HOSPITALITY ARRANGEMENTS

Should you have any specialised group requirements for private touring, transportation or hospitality services other than those organised for the official program, please contact the Congress managers who would be pleased to assist with arrangements.

## PRIVATE FUNCTIONS

It is requested that you advise the Congress managers of any private or corporate functions that might be planned outside of the official program. The Congress managers would be pleased to assist with arrangements for any of these events.

## ACCOMMODATION

Several categories of accommodation have been reserved for Congress delegates.

To view booking terms and conditions plus additional information, such as hotel photos and fact sheets for the listed hotels, please visit the Congress website [www.fig2010.com](http://www.fig2010.com).

## Crowne Plaza Darling Harbour - Official Congress Hotel



Crowne Plaza Darling Harbour is perfectly located on the city side of Darling Harbour. Not only are we on the fringe of the CBD, we are within walking distance to the Sydney Convention and Exhibition Centre and many of Sydney's best tourist attractions.

Delegates and Exhibitors who stay at the Hotel will also receive one complimentary \$10.00 telephone card per person per stay. This will include any local, STD and ISD telephone calls. This telephone card is non transferable and non refundable.

## ACCOMMODATION

Star Rating	Walking Time to Congress Venue	Hotel	Room Type	Room only rate per room per night	Room & breakfast rate per room per night	Reward Program
<b>Official Congress Hotel</b>						
4.5	6 minutes	Crowne Plaza Darling Harbour <i>Official Congress Hotel</i>	Standard Room SGL	A\$230.00	A\$255.00	Priority Club
			Standard Room DBL/TWN	A\$230.00	A\$280.00	
			Premium View Room SGL	A\$265.00	A\$290.00	
			Premium View Room DBL/TWN	A\$265.00	A\$315.00	
			Executive Club City SGL	N/A	A\$295.00	
			Executive Club City DBL/TWN	N/A	A\$330.00	
			Executive Club Premium View SGL	N/A	A\$330.00	
			Executive Club Premium View DBL/TWN	N/A	A\$365.00	
			King Suite SGL	N/A	A\$360.00	
King Suite DBL	N/A	A\$385.00				
<b>Other Listed Hotels</b>						
5	15 - 20 minutes or 10 minutes by Monorail	Hilton Sydney	Guest Room SGL	A\$279.00	A\$299.00	Hilton HHonors
			Guest Room DBL/TWN	A\$279.00	A\$319.00	
			Executive Floor Room SGL/DBL	N/A	A\$399.00	
4.5	3 minutes	Novotel Sydney on Darling Harbour	Pyrmont View Room SGL	A\$249.00	A\$269.00	A-Club
			Pyrmont View Room DBL/TWN	A\$249.00	A\$289.00	
			Harbour View Room SGL	A\$279.00	A\$299.00	
			Harbour View Room DBL/TWN	A\$279.00	A\$319.00	
4	8-10 minutes	Four Points by Sheraton, Darling Harbour	Cityside Room SGL/ DBL/TWN	A\$240.00	N/A	Starwood Preferred Guest
			Harbour View SGL/ DBL/TWN	A\$270.00	N/A	
4.5	2 minutes	Oaks Goldsbrough Apartment, Darling Harbour	Studio Room	A\$218.00	N/A	Nil Applicable
			One Bedroom Apartment	A\$238.00	N/A	
			Two Bedroom Apartment	A\$353.00	N/A	
3.5	5 minutes	Hotel Ibis Darling Harbour	Pyrmont View Room SGL	A\$169.00	A\$184.00	A-Club
			Pyrmont View Room DBL/TWN	A\$169.00	A\$199.00	
			Harbour View Room SGL	A\$199.00	A\$214.00	
			Harbour View Room DBL/TWN	A\$199.00	A\$229.00	
3.5	15 minute walk or 5-8 minute light rail	Metro Hotel Sydney Central	Superior Room SGL	A\$160.00	A\$178.00	Qantas Frequent Flyer
			Superior Room DBL/TWN	A\$165.00	A\$201.00	
			Superior Room TRP	A\$215.00	A\$269.00	

*Please Note:*

- The above rates include the Australian Goods and Services Tax (GST).
- Accommodation provided at Oaks Apartments is not subject to application of the GST. A tax invoice will therefore not be issued by Oaks; however, a non tax invoice/receipt will be issued.
- Rates may increase without notice due to changes in government charges, taxes or levies.
- Room only rates do not include breakfast.
- Bed and breakfast rates include full buffet breakfast.
- Hilton Sydney nightly rates include one daily Monorail pass for a single occupancy and two daily Monorail passes for a double or twin occupancy over the main Congress dates 11-16 April 2010.
- Metro Hotel Sydney Central nightly rates include one daily Light Rail pass for a single occupancy, two daily Light Rail passes for a double or twin occupancy and three daily Light Rail passes for a triple occupancy.
- A minimum one night's deposit must be paid or credit card details given at time of booking to guarantee reservation.

## Hotel

- Single (SGL):** A single occupancy room with one bed
- Double (DBL):** A double occupancy room with one bed
- Twin (TWN):** A double occupancy room with two beds
- Triple (TRP):** A triple occupancy room with wither 3 Single beds  
OR 1 double & 1 single bed

## Apartment

- Studio Room:** A studio with 1 double bed OR 2 single beds. Combined bedroom and living area.
- 1 Bedroom Apartment:** An apartment with 1 double bed.
- 2 Bedroom Apartment:** Either 1 double and 2 single beds  
OR 2 double beds

*Please note bedding configurations are subject to hotel availability.*

## Check-in and Check-out times

Many international flights arrive into Australia in the early morning. For most hotels, check-in time is 15.00hrs and check-out time is 11.00am.

Should you wish to guarantee check-in before 15.00hrs you will need to pre-book, and pay for the previous night. If you wish to guarantee a late checkout you will need to book for the next night. These additional nights can be booked at the time of making your reservation. If required please indicate this on your registration form.

## Camping

For delegates who are looking for alternative accommodation, Cockatoo Island is a heritage listed Island in the middle of Sydney Harbour which offers camping accommodation.

To arrange camping accommodation please contact Cockatoo Island via the direct website: [www.cockatooisland.gov.au](http://www.cockatooisland.gov.au)

## CANCELLATION AND REFUND POLICY

Cancellations must be notified in writing to the Congress managers.

### Registration Fees:

- Before 28 January 2010 will incur a \$100.00 cancellation fee.
- Before 8 March 2010 will receive a 50% refund of fees paid.
- After 8 March 2010 there will be no refund.

### Accommodation:

- A minimum one night's deposit must be paid or credit card details given at time of booking to guarantee reservation.
- Deposit is non-refundable at 8 March 2010.

### Social:

- Payments are non-refundable after 8 March 2010.

### Optional Tours:

- Payments are non-refundable after 8 March 2010.

### Technical Tours:

- Payments are non-refundable after 8 March 2010.

### Merchant Fee (Processing Fee)

- In the event of cancellation, any merchant fees paid are non refundable.



Aboriginal Dancers



Sydney Opera House and Harbour Bridge



Sydney Harbour Bridge and the historic Rocks precinct



### Landmarks

- A** Sydney Convention and Exhibition Centre - Congress Venue
- B** Sydney Opera House
- C** Government House
- D** Sydney Town Hall
- E** Central Railway Station
- F** Star City Casino
- G** Dockside, Cockle Bay

### Accommodation

- 1** Crowne Plaza Darling Harbour - Official Congress Hotel
- 2** Novotel Sydney on Darling Harbour
- 3** Four Points by Sheraton, Darling Harbour
- 4** Hilton Sydney
- 5** Oaks Goldsbrough Apartment, Darling Harbour
- 6** Hotel Ibis Darling Harbour
- 7** Metro Hotel Sydney Central

## HOSTS



### The International Federation of Surveyors, FIG

The International Federation of Surveyors, FIG is the premier international organization representing the interests of surveyors worldwide. It is a federation of the national member associations and covers the whole range of professional fields within the global surveying community. It provides an international forum for discussion and development aiming to promote professional practice and standards. FIG was founded in 1878 in Paris and was known as the *Fédération Internationale des Géomètres*. This has become anglicized to the International Federation of Surveyors.

FIG is a UN-recognized non-government organization (NGO), representing more than 100 countries throughout the world, and its aim is to ensure that the disciplines of surveying and all who practise them meet the needs of the markets and communities that they serve.

FIG's activities are governed by a work plan, which is regularly reviewed against a longer-term strategic plan. The current work plan, titled "Building the Capacity", which guides the Council and Commissions activities, focuses on the surveyor's response to social, economic, technological and environmental change. FIG recognises the particular needs of capacity building in developing countries to meet the challenges of fighting poverty and developing a basis for a sustainable future. FIG also recognizes that markets for surveyors' services are constantly changing.

The plan accordingly lays emphasis on strengthening professional institutions; promoting professional development; and encouraging surveyors to acquire new skills and techniques so that they may be properly equipped to meet the needs of society and the environment.

In general, FIG will strive to enhance the global standing of the surveying profession through both education and practice, increase

political relations both at national and international level, help eradicating poverty, promote democratisation, and facilitate economic, social and environmental sustainability.

The technical work of FIG is led by ten technical commissions:

- Professional Practice
- Professional Education
- Spatial Information Management
- Hydrography
- Positioning and Measurement
- Engineering Surveys
- Cadastre and Land Management
- Spatial Planning and Development
- Valuation and the Management of Real Estate
- Construction Economics and Management.

FIG is administered by its General Assembly and its Council. Members of the FIG Council in 2009–2010 are: President Stig Enemark (Denmark), the Vice Presidents, Dalal S. Alnaggar (Egypt), Iain Greenway (United Kingdom), Matthew Higgins (Australia), Teo CheeHai (Malaysia), and the ACCO representative Chryssy Potsiou, Greece.

### Contact Information

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ISA, Institution of Surveyors Australia, is the professional organisation representing Australian surveying, land information and spatial information professionals, or spatial scientists. It has 3,800 members in Australia and overseas, working in private, public and academic sectors.

The Institution was formed in 1952 and has divisions in each state and territory. Each division has its own identity, constitution and assets. The national body decides on membership and national issues.

The Institution is 'non-profit', with member fees as its principal income. Fees vary considerably between divisions. Larger divisions have office space and paid staff, while smaller divisions rely on honorary office-bearers.

The Institution considers professional surveying to be "the discipline dealing with policy, administration, collection, measurement, analysis, interpretation, portrayal and dissemination of spatially-related land and sea information, together with associated design and management".

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# The XXIV FIG International Congress 2010

Facing the Challenges – Building the Capacity

11 – 16 April 2010

Sydney Convention & Exhibition Centre  
Sydney, Australia



## IMPORTANT DATES

Abstract and Peer Review Paper Deadline:	22 September 2009
Full Paper Deadline:	21 January 2010
Early Registration closes:	28 January 2010
Author Registration:	28 January 2010
Standard Registration:	8 March 2010
Late registration:	After 8 March 2010
Accommodation:	Deposit is non-refundable from 8 March 2010

## FIG 2010 Contact Details

### FIG 2010 Technical Program Contact Details

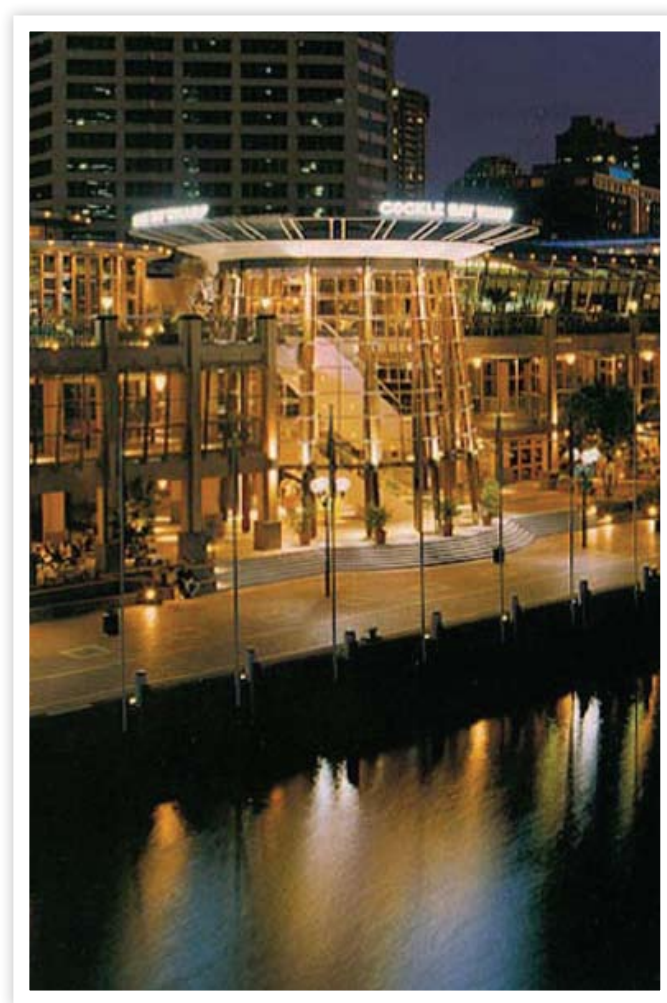
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