



ASSOCIATION OF
LICENSED
SURVEYORS IN ISRAEL



EILAT 2009



FIG Working Week

Surveyors Key Role in Accelerated Development

3-8 MAY, 2009

Call for Papers

Dear Friend and Colleague,

It is our privilege and honor to invite you to the **FIG Working Week 2009**, which will take place in Eilat, a resort city at the southernmost edge of Israel, on the shores of the Red Sea. The Working Week will be held on **3-8 May 2009**, at the 5*deluxe Herods & Dan Eilat Hotels. We expect to host 700 participants from all over the world.

The professional theme of the Working Week is "**Surveyors Key Role in Accelerated Development**", which addresses many of the issues facing surveyors in the next years. As always, the Working Week will gather international professionals and academia members from the fields of land surveying, land and real-estate appraisal, GIS, spatial planning, environmental awareness, and civil engineering.

All ten FIG technical commissions will attend the conference and papers are therefore requested to all topics of interest of the following FIG commissions:

- Professional Standards and 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

A special seminar on the history of surveying and measurement to be held on **Sunday 3 May 2009**.

A detailed **list of topics** of the FIG Working Week 2009 is attached.

This **Call for Papers** is announced both for **peer review papers** and **non peer review papers**. Detailed information and **important dates** are shown below.



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Non Peer Review – Submission of Abstracts

We invite you to submit an abstract for the FIG Working Week by **10 November 2009**. The abstract should be 250 to 500 words in length describing the objectives, results, conclusions and significance of your work. The abstracts should also include the names and affiliations of all authors. Please feel free to submit an abstract on any topic related to the specific topics of the Working Week 2009. **List of topics** of special interest of different commissions and the organising committee are listed below.

The abstract shall be submitted **online** to FIG on the following web site:
<http://www.fig.net/abstractdb/submit.asp?id=10>.

Deadline for submitting the abstract is **10 November 2008**. For other important deadlines see **important dates**.

If you have problems with the online submission, the abstracts and papers for peer review can also be submitted in electronic format to:

International Federation of Surveyors

Kalvebod Brygge 31-33

DK-1780 Copenhagen V

DENMARK

Tel + 45 3886 1081

Fax + 45 3886 0252

by email: fig@fig.net

Please include at the end of your abstract all your contact details, including name, address, phone and fax numbers and email. Please also include on your abstract whether you have a preference for a poster or an oral presentation. Receipt of your abstract will be acknowledged electronically.

When submitting a paper the author(s) agree that FIG has the right to publish the paper in the conference proceedings (at the conference and on the FIG web site); in the FIG Surveyors Reference Library; and in the FIG online journal (if selected for this purpose) without any other agreement or compensation. The copyright of the paper remains by the author(s).

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



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Peer Review – Submission of Full Papers

If you want to present a peer reviewed paper at the FIG Working Week 2009 you should submit your full paper by **10 November 2008**. When preparing the paper, please follow the guidelines prepared for papers (**paper guidelines** and the specific **paper template** for FIG Working Week 2009). Please feel free to submit an abstract on any topic related to the specific topics of the Working Week 2009. **List of topics** of special interest of different commissions and the organising committee are listed below.

The peer review process is double blind and deadlines for different steps can be seen below under **important dates**.

Full papers shall be submitted to FIG in **electronic format** to:

International Federation of Surveyors

by email fig@fig.net

If you have problems with email the paper can be submitted (in electronic format) by mailing it to

International Federation of Surveyors

Kalvebod Brygge 31-33

DK-1780 Copenhagen V

DENMARK

Tel + 45 3886 1081

Fax + 45 3886 0252

www.fig.net/fig2009

Please include at the end of your paper all your contact details, including name, address, phone and fax numbers and email. Paper that will not be accepted at the peer review process can be offered to the conference as a non peer reviewed paper. In the conference programme paper that has passed the peer review process will be marked "This is a peer reviewed paper". When submitting a paper the author(s) agree that FIG has the right to publish the paper in the conference proceedings (at the conference and on the FIG web site); in the FIG Surveyors Reference Library; and in the FIG online journal (if selected for this purpose) without any other agreement or compensation. The copyright of the paper remains by the author(s).

Receipt of your paper will be acknowledged electronically according to the time schedules.

The number of papers for peer review is limited to **maximum two** per author.



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List of Topics

Commission 1 – Professional Standards and Practice

- New standards of profession
- Professional services to public
- Students and young professionals
- Surveyors changing role in society

Commission 2 – Professional Education

- Needs of changing society - new skills, competences in surveying
- Maintenance of surveying curricula
- Life-long learning - educational and training services
- Changing role of the academic staff
- Good educational practices
- e-Learning - content development methods, tools, student support
- Learning management systems
- Interoperability of teaching materials
- Alternative ways of professional education and enrichment
- Quality assurance mechanisms in education and training
- Knowledge management in surveying
- Educational management
- Experiences in recruitment and marketing
- Continuing professional development
- The future of young surveyors (students)
- ALUMNI and the use its power
- Networking in education and training

Commission 3 – Spatial Information Management

- Developing awareness and capacity building in SIM
- Educational and research aspects in SIM
- SIM policies (commercialization of spatial information, pricing policies for geo-data, access to information, etc)
- Good e-governance, efficient and effective authorities, SDI supporting decision making, democracy, and economic growth
- Country profiles in SDI developments, international and interregional cooperation, GSDI, harmonization of SDIs embracing cultural differences
- Economic aspects within SDI community, financing SDIs, cost effective fundamental spatial data production and management
- New trends in public-public cooperation and public-private partnerships in SDI
- Technical aspects, integration of information, 3D/4D applications of SDI, visualization of information, seamless information management
- Metadata development, portals and clearinghouses
- Standardization of information (technical, legal, semantics and ontology)



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- Web-GIS and services
- SIM in housing management, land use zoning and monitoring, upgrading informal settlements, mega-cities management, rural reforms, urban/rural markets, real estate management, valuation and real property taxation systems, dilapidated and distressed urban areas regeneration, building maintenance / use controls / regulations, regeneration of historic city centers / cultural heritage areas (spatial information systems and techniques for documentation, visualization and management), historic building use permitting procedures, energy saving
- SIM in utility networks like: fresh water supply, sewerage networks, fuel and gas networks, transportation and road networks, sustainable mobility aspects, communication networks, garbage management in large urban areas
- SIM in the marine environment, seafront management, seamless coastal and marine data management
- SIM in disaster mitigation and environmental impact assessment, applying risk prevention, reduction, assessment, monitoring and response to disasters in large urban areas; spatial decision-making support systems in urban areas (for e.g., weather forecasting, flood monitoring, earthquake /fire/, air / noise / water / soil / seafront pollution management)

Commission 4 - Hydrography

- Hydrographic surveying in practice
- Standards and guidelines
- Administering marine spaces
- Capacity building and the economic benefits of hydrography
- Tidal monitoring with GPS technology
- Tying the hydrographic datums together with orthometric data
- Monitoring and mapping the Mediterranean coast

Commission 5 – Positioning and Measurement

- Establishing quality and reliable survey or geodetic infrastructure to underpin and support land development
- Standards, quality assurance and calibration
- Reference frame in practice
- Network adjustments
- Geodetic observing systems
- Integrated positioning, navigation and mapping systems
- GNSS and GNSS measuring devices
- Cost-effective GNSS
- GNSS networks and the impact of permanent GNSS networks and their applications in geodetic practice
- Precise GNSS
- GNSS calibration and check
- New positioning techniques
- Geodetic infrastructure



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- Case studies on the above
- Vertical control networks based on precise spirit leveling, and its substitute alternatives

Commission 6 – Engineering Surveys

- Engineering surveys to handle natural disasters
- Engineering survey case studies
- Actual needs of accuracy of orthometric height differences for engineering
- The study of earth quake mechanism – integration of geodetic and geophysical measurements and data
- Recent industrial surveying and sensing technologies and applications
- Sink holes and their engineering significance

Commission 7 – Cadastre and Land Management

- Development of pro poor land management and land administration
- Land administration to support sustainable development
- Application of innovative technology in land administration
- 2D and 3D coordinate-based cadastre
- Establishment of international borders

Commission 8 – Spatial Planning and Development

- Energy and environmental challenges
- Mitigating environmental degradation
- Coastal Processes
- Conflicts between Land for energy sources/ water and settlements
- The surveyor's role in accelerated development
- Post conflict Informal settlements
- Spatial planning and development

Commission 9 – Valuation and the Management of Real Estate

- Compulsory purchase and compensations in land acquisition and takings
- Improving slum conditions through innovative financing
- Diagnostic tools and prescriptive practices for the valuation profession
- Valuation methods and standards worldwide
- GIS for initial evaluation of real estate assessment
- Real estate investments in Israel

Commission 10 – Construction Economics and Management

- Construction economics
- Commercial management
- Project and programme management
- Large size construction management support by surveyors



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History Workshop

After recent very successful History workshops in Munich and Stockholm the International Institution for History of Surveying and Measurement (IHSM) hope to have a day of sessions with papers relating to the History of Surveying on 3 May 2009. Papers to be submitted through as abstracts and papers. Any inquiries should be sent to Jim Smith at jim@smith1780.freemove.co.uk.

Further information

For any information see the conference web site: www.fig.net/fig2009.

The online registration opens **15 October 2008**.

Any inquiries on call for papers, abstracts, peer review process and technical programme, please contact the FIG Office (Tel +45-3886 1081; Fax +45-3886-0252; email fig@fig.net).

We look forward to meeting you in Eilat.

Yours sincerely,

Dr. Haim Srebro
Conference Director

Markku Villikka
FIG Director



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Important dates

Deadlines for submitting abstracts, papers and registration are:

Non Peer Reviewed Papers		Peer Reviewed Papers	
10 November 2008		10 November 2008	
	Deadline for authors to submit non peer reviewed abstracts .		Deadline for authors to submit full papers for peer review.
12 January 2009		12 January 2009	
	Confirmation to authors of acceptance of non peer reviewed abstracts .		First notification to authors of acceptance 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.
		2 February 2009	
			Deadline for authors to submit revised full paper for 2nd round of peer review (depending on proposed corrections from reviewers).
		16 February 2009	
			Second notification to authors of acceptance of peer reviewed papers with the possibility of further modifications from the 2nd round of peer review.
All Papers (peer reviewed and non peer reviewed)			
16 February 2009			
	Technical programme published on the conference web site.		
26 February 2009			
	Early bird registration closes and deadline for all authors to register.		
26 February 2009			
	Deadline for all authors to submit Full Papers .		
3-8 May 2009			
	FIG Working Week 2009.		