



# FIG in Morocco

## The 2011 working week

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**T**HIS YEAR'S working week of the International Federation of Surveyors (FIG) was held at the Palais des Congrès in Marrakech from 18-22 May in conjunction with the Moroccan 'Ordre National des Ingénieurs Géomètres Topographes' (ONIGT) and under the patronage of His Majesty King Mohammed VI of Morocco. 1,400 delegates from 94 countries attended the event, including ICES representative Gethin Roberts who is currently chair of Commission 6 (engineering surveys).

More than 500 papers were presented at 10 parallel sessions in the rooms of the conference centre. Each day commenced with a 90 minute plenary session; the highlights being the three excellent presentations from FIG president Teo CheeHai, and past-presidents Holger Magel and Stig Enemark.

Many special gatherings took place during the week and, as is usual, every minute of the week was passed in technical (and some social) interchange of information, discussion and technical visits.

A large exhibition of surveying equipment and software packages was available on the three lecture days. On the Thursday evening a large contingency of companies from China presented a forum and dinner, showcasing the impressive equipment, technology and services now available from China.

Everything passed very smoothly and the FIG office in Copenhagen, the local organisers in Morocco, and the wide range of other people involved in organising and managing the working week can be congratulated on a successful and enjoyable working week.

### What was discussed?

#### Commission 1 (professional practice)

- Organisational and legislative issues.
- Boundary delineation issues.
- Surveyors and ways of service delivery.
- Young surveying professionals.

#### Commission 2 (professional education)

- Curriculum and core survey knowledge.
- Learning and teaching methodology.
- Marketing and management of professional survey education.
- Accreditation and quality assurance.

#### Commission 3 (spatial information management)

- 3D cadastre and 3D information.
- Spatial information applications.
- Land registration.
- Towards cadastre 2034.
- SDI and information processing.
- Spatial data in support of climate change, risk and disaster management.
- GNSS and land deformation.
- Innovative and pro-poor land records.

#### Commission 4 (hydrography)

- Hydrography-assisted monitoring.
- Hydrography and the environment.
- Marine/coastal modelling and technology.

#### Commission 5 (positioning and measurement)

- The African Geodetic Reference Frame.
- GNSS continuously operating reference station networks.
- Remote sensing.
- National geodesy/geodetic applications.
- GNSS and land deformation heighting.
- Adjustment and coordinate transformation.
- GNSS processing and analysis.

#### Commission 6 (engineering survey)

- Deformation monitoring.
- Land deformation.
- Laser scanning and photogrammetry.

#### Commission 7 (cadastre and land management)

- Land administration perspectives and consolidation.
- Gender issues in land administration.
- Land administration and tenure in Africa.
- Environmental issues in land administration.
- Land governance and local reform.
- Land rights infrastructure.
- Cadastral reform.
- Valuations in computer assisted mass appraisal.

#### Commission 8 (spatial planning and development)

- Bridging the urban/rural divide.
- Master planning and structural development.
- Public private partnerships in planning and land development.
- Development of urban infrastructure.
- Planning policies.
- Planning and managing urbanisation.
- Informal settlement issues.
- Regional and local structure planning.

#### Commission 9 (valuation and the management of real estate)

- Investment, finance and real estate management.
- Valuations.
- Property markets.
- Taxation and compulsory purchase.

#### Commission 10 (construction economics and management)

- Project and organisation management.
- Construction and sustainable development.

Various FIG taskforces also met during the week, including those on Africa, spatially enabled society, surveyors and climate change, and property and housing.

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The proceedings, including all papers, from the working week are available free of charge online at [www.fig.net](http://www.fig.net)

