



International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure

FIG COMMISSION 7

Cadastre & Land Management

To: Delegates, Correspondents and friends of FIG Commission 7
From: Christiaan Lemmen, vice chair administration and Paul van der Molen,
chairman of Commission 7
Subject: Report Annual Meeting 2003 of FIG Commission 7, Kraków, Poland
Date: 17-23 September 2003
Location: Novotel Kraków Centre

The Annual Meeting 2003 has been attended by:

Mr. Bengt Andersson (Kosovo/Sweden), Mr. Apie van den Berg (South Africa),
Mr. Hajzer Bublaku (Kosovo), Mr. Søren Christensen (Denmark), Mr. Wonjun Choi
(Corea), Mr. Lor Davuth (Cambodia), Mr. Frantz Derlich (France), Mr. Andreas Drees
(Germany), Mrs. Pauline van Elsland (The Netherlands), Mr. Francis Gäbele (Belgium),
Mr. Donald Grant (Australia), Mrs. Eleni Grigoropoulou (Greece), Mr. Richard Grover
(United Kingdom), Mr. Fiorenzo Guaralda (Italy), Mr. Mirko Guaralda (Italy),
Mr. Winfried Hawerk (Germany), Mr. Andrzej Hopfer (Poland), Mr. Murat Hoxha
(Kosovo), Mr. Jürg Kaufmann (Switzerland), Mr. Kijoung Kwon (Corea), Mr. Christiaan
Lemmen (The Netherlands), Mr. Hyzri Llabjani (Kosovo), Mrs. Merita Lumezi
(Kosovo), Mr. Murat Meha (Kosovo), Mr. Paul van der Molen (The Netherlands),
Mr. Jasper Mwenda (Kenya), Mr. András Osskó (Hungary), Mr. Tommy Österberg
(Sweden), Mr. Ivan Pesl (Czech Republic), Mr. Roman Renner (Slovenia), Mr. Gotfred
Rygh (Norway), Mr. Abed El-Munem Samara (Jordan), Mr. Mouen Sayegh (Jordan),
Mrs. Gerda Schennach (Austria), Mr. Nop Sophon (Cambodia), Mr. Daniel Steudler
(Switzerland), Mr. Conrad Tang (Hong Kong), Mr. Mika-Petteri Törhönen
(Cambodia/Finland), Mr. Arbind Tuladhar (The Netherlands), Mrs. Eleni Tziortzioti
(Greece), Mr. Mikko Uimonen (Finland), Mr. Marc Vanderschueren (Belgium),
Mr. Sim Voan (Cambodia), Mr. Wojciech Wilkowski (Poland), Mr. Kisooy Yang (Corea),
and Mr. Sukjae Yun (Corea).

First Session, Thursday 18 September 2003, Opening and Polish Cadastre Land Management

Chair *Paul van der Molen* opens the annual meeting and welcomes the delegates (roll call). Greetings have been received from Ian Williamson (Australia), Eugène Rurangwa (Rwanda), Bill Robertson (New Zealand) and Sam Zhou (Zimbabwe).

The Polish delegate *Andrzej Hopfer* welcomes the delegates to annual meeting and to the 2nd Polish Cadastral Congress. Prof. Hopfer highlights the developments in Poland: market economy and changing user expectations. He refers to Cadastre 2014 as a guide.

A presentation (slides available) on the Polish system of Cadastre has been given by *Wojciech Wilkowski*. The system is developing from a very decentralized system to an integrated system related to an integrated electronic platform, including commercial services. After his presentation the timetable, the involvement of the private sector, management aspects, standardization, the integration with EU, the role of licensed surveyors and the cadastral marketplace have been discussed.

Second Session, Thursday 18 September 2003, Work of the Commission since November 2002 (part 1)

Chairman *Paul van der Molen* gives an overview of the work of the commission (presentation available). The annual meeting in Pretoria in November 2002 has been combined with a very successful symposium on Land Redistribution in Southern Africa. The chairman has been present at the launching workshop for the European Land Knowledge Center, 30 January – 1 February 2003 in Budapest where he represents FIG in the advisory committee together with *András Osskó*. A workshop on cadastral data-modeling has been organized from 17 to 18 March 2003 at ITC, The Netherlands in close co-operation between FIG, ITC and ESRI. There have been a lot presentations within the framework of the Commission during the FIG WW in Paris, 13-17 April 2003. The symposium on IT Renewal Strategies for Land Registries and Cadastres has been organized on 8-9 May 2003. A book will be published on this subject. The UN ECE Land Administration Guidelines need to be justified. Issues and topics for this update have been identified during the joint FIG-WPLA workshop Spatial Information Management, held in Athens from 28 to 31 May 2003. The chair of the Commission contributed to the international summer school on GeoInformation in Székesvehérvár, Hungary 14-19 August 2003. The Commission supported the meeting on Marine Cadastre Issues, New Brunswick, Canada, 15-16 September 2003.

Mr. *András Osskó*, chairman of the working group 7.1 'Land Information in formal and informal environment' reports on the activities. The working group 7.1 prepared its detailed work plan up to the end of 2003. The work-plan and a short questionnaire to delegates from African countries have been circulating in March 2003 to all working group delegates. This should have been the start make an inventory about customary and informal land tenure in African countries. Unfortunately there has no single answer returned and this means no inventory could be made. The second planned activity has been to find professionals from Asia, Latin America, Middle East, and Central Europe who can assist and contribute to the work of the working group. The working group has been able to contact professionals from Central Europe but not from other regions.

With World Bank and Hungarian government financial support the Central European Land Knowledge (CELK) Center has been founded in Budapest in January 2003 (presentation available). The aim of the Center is to serve Central Eastern and Southeastern European countries as a regional knowledge management, dissemination and advisory center. Another development is a proposal by Paul van der Molen to organize a regional symposium on the working group topics in Nairobi, Kenya with support of the World Bank and UN organizations (FAO, HABITAT). Dr. Clarissa Augustinus working at HABITAT in Nairobi supports this plan.

Mr. *Mikko Uimonen*, chairman of the working group 7.2 'Instruments for Land redistribution' gives a short review on the Symposium on Land Redistribution in Southern Africa (impression available on slides), Pretoria, November 2002. All papers are available at www.oicrf.org, use as keyword 'Pretoria', and on CD. According to Mr. Api van den Berg this symposium has been highly appreciated in the region. The workgroup is organizing a symposium on Land Consolidation in France, 2004.

Mr. *Christiaan Lemmen* presents the reports of recent commission meetings, see: <http://www.fig.net/figtree/commission7/index.htm> and on the conclusions of the workshop on cadastral data modeling, again the papers and presentations are available at www.oicf.org, keyword is 'WCDM'. Furthermore he asks attention for two special issues on 'Cadastral Systems' and one special issue on '3D Cadastres' published in the International Journal on 'Computers, Environment and Systems', published by Elsevier Science. In this peer-reviewed scientific journal 28 papers have been published now on cadastre and land administration. A fourth special issue on cadastral systems is under preparation.

Third Session, Thursday 18 September 2003, Research by commission delegates/correspondents, presentation of the Arab Federation of Surveyors

Mr. *Mika-Petteri Törhönen* presents the results of his PhD research work on 'Sustainable Land Tenure and land Registration in Developing Countries' (presentation available). Based on four case studies, a literature study and analysis he concludes that the establishment and maintenance of a viable, national level land administration ideally requires good governance, adequate resources, a culturally sensitive approach, equity, quality and commitment. A secure flexible all-inclusive tenure form, whether customary or statutory, provides the best basis for development. An ambiguous, ineffective land administration that fails to serve a large part of the population and promotes insecurity of tenure is a harmful institution.

Mr. *Abed El-Munem Samara* gives an overview of the objectives and activities of the Arab Federation of Surveyors. From 10 to 12 September 2003 a successful seminar has been organized in Amman, Jordan on 'Cadastre in Jordan and Improving Surveying Services'. There is agreement that the organization of such meetings should be continued, that a knowledge guide should be built and that procedures can be further standardized. The relation with international organization like FIG is very important to the Arab Federation of Surveyors.

Fourth Session, Thursday 18 September 2003, Work of the Commission since November 2002 (part 2)

Mr. *Daniel Steudler* presents the actual status of development of the cadastral template (presentation available). In co-operation with working group 3 of the Permanent Committee on GIS Infrastructure for Asia Pacific a workshop on this issue has been organized in July 2003. The worldwide comparison of cadastral systems, as available now for 28 countries can be found on www.cadastraltemplate.org.

Mr. *Andreas Drees* informs the Commission on the latest decisions from the FIG Council. The Council decided to bring the topic disaster management into the work of the FIG. This is a topic for Commissions 3, 7 and 8. Prof Cutter will chair the task force; Mr. Drees invites the Commission to join this group.

The Chairman of Commission 8, Mr. Paul Lohman has resigned.

A nomination procedure for a new commission chairs (2006-2010) has been started.

The board would like to bring FIG meetings closer together, e.g. the annual meeting of Commission 7 could be combined with other FIG meetings.

Mr. Drees asks attention for the FIG initiative to develop a ‘good practices report’, similar to organizations as UN Habitat. Mr. *Gerhard Muggenhubber* plays an active role in this.

The Council developed an information policy, there will be newsletters, and ‘the article of the month’.

Chair *Paul van der Molen* gives support to the disaster management initiative, Commission 7 has to be represented in this working group. In relation to the nomination of new Commission chairs he states that vice chair *András Osskó* and vice chair *Winfried Hawerk* will be nominated. Concerning the combined meetings *van der Molen* reacts that in 2004 and 2005 annual meeting of Commission 7 are planned in France and Hong Kong already, later on joint meetings might be possible. Of course Commission 7 will contribute to FIG regional conferences. The cadastral template is expected to be a relevant ‘good practice’ example.

Mr. *Winfried Hawerk*, chair of working group 3, ‘Advances in Modern Land Administration’ gives an overview of the activities (presentation available). One main activity has been the organization of a symposium on IT Renewal, in Enschede, The Netherlands.

Mr. *Jürg Kaufmann* (Switzerland) resigns as a delegate, Mr. *Daniel Steudler* will represent Switzerland now.

2nd Polish Cadastral Congress, Friday 19 and Saturday 20 September 2003

The Commission delegates participated to the 2nd Polish Cadastral Congress at the Agricultural University of Kraków. During this congress, with a strong focus on customer orientation and the cadastral market place, Commission 7 delegates have given presentations:

Andrzej Hopfer (Poland, together with *Stanislaw Cegielski*) on the ‘State-of-the-art and the prospects of Polish cadastre as a system supporting citizens and state’,

András Osskó (Hungary) on ‘Customer service of the Unified Land Registry system in Hungary in respect to European Union requirements’,

Francis Gäbele and *Marc Vanderschueren* (Belgium), on ‘The Belgian Cadastre, Partner of Citizens and the Companies’,
Arbind Tuladhar (The Netherlands, co-author Paul van der Molen) on ‘Customer satisfaction and organization strategies for cadastral and land registration systems’,
Conrad Tang (Hong Kong), on ‘Reliable Cadastre – Hong Kong Institutional Conditions’,
Paul van der Molen (The Netherlands), on ‘Some experiences on the change of organizations for mapping and cadastre’,
Winfried Hawerk (Germany), on ‘IT renewal strategy for land registry and cadastre in Europe’,
Christiaan Lemmen (The Netherlands, co-author *Peter van Oosterom*): ‘Towards a standard for the cadastral domain’,
Gotfred Rygh (Norway), on ‘Internet-based infrastructure for submission of Building Permits’,
Gerda Schennach (Austria), on ‘Cadastre – a part of e-government’ and
Daniel Steudler (Austria, co-authors *Ian Williamson* and *Abbas Rajabifard*, Australia), on the ‘Development of the Cadastral Template’.
All papers are accessible at www.oicrf.org the electronic library on Cadastre and Land Administration (Keyword: ‘Cadastral Congress Poland’).

Social Excursion, Sunday 21 September 2003

The morning of 21-9-2003 was dedicated to a social excursion together with some participants of the 2nd Cadastral Congress. The destination was the famous Wieliczka Salt Mine.

Fifth session, Sunday 21 September 2003, Break out Sessions Working Groups

Sixth session, Sunday 21 September 2003, Interesting Developments in Cadastre and Land Management

The Danish delegate *Søren Christensen*, reported about the changes made by the Danish Land Survey and Cadastre KMS, to cope with the budget constraints as imposed by the Danish Government (presentation available).

The Belgian delegate *Marc Vanderschueren* reported on the progress in the so-called Coperfin programme, and the developments in the organization (presentation available).

The Kosovo delegate *Bengt Anderson*, reported about the creation of Cadastral Agency in Kosovo, under UNMIK regime, that will be handed over to the Kosovar people by 1st November 2004 (presentation available). The newly appointed CEO is prof. Murat Meha.

Seventh Session, Sunday 21 September 2003, Country Presentations and Future events

The Kenyan delegate *Jasper Mwenda* reported about the developments in Kenya (presentation available)

The Korean delegate *Wonjun Chon* reported about the developments in South Korea (presentation available).

The French delegate *Frantz Derlich* reported about the next annual meeting of the Commission, to be held in Clermont Ferrand (France) 2004 September 8-15, and discussed the topics for the symposium on land consolidation (presentation available).

The Hong Kong/China delegate *Conrad Tang* reported about the annual meeting in 2005, possibly to be held in Hong Kong. The Commission agreed on the arrangement that if the costs of this event cannot be covered by a normal package fee of about 100\$ a day, there might be a change that another venue will be looked for.

The Austrian delegate *Gerda Schennach* reported about the symposium on e-land administration, to be held in Innsbruck (Austria) 2004 June 2-4.

The chair *Paul van der Molen* reported about the plans to organize a seminar on land law and registration in Nairobi 2004 December 1-3 (tentative) (presentation available)

Technical Excursion to Bresko, Monday 22 September 2003

The whole day the Commission visited a nearby district (so called 'poviat') and town of Bresko. Accompanied by the governor of the district and the mayor of the town of Bresko extensively attention was paid to the Bresko digital cadastre against the background of the Polish Geo Information Infrastructure. A series of explanations and demonstration were presented to the Commission. During lunch break there was opportunity for a discussion session, led by the chair. Field visit concerned new town developments and some interesting sites. In the late afternoon the Commission sat together with the major of Bresko and changed words of appreciation and thanks.

Eighth Session, Tuesday 23 September 2003, break out session.

The eight session consisted of break out sessions for the Working Groups, as reported in the Ninth session.

Ninth Session, Tuesday 23 September 2003, reports break out sessions and closing

Report Working Group 1

The chair of Working Group 1, *Andras Ossko*, reported about the discussions on adapting the work plan, There will be less attention to send out questionnaires, and more attention to the organization of an event in Nairobi next December. There are also options for an event in Kosovo in 2004 (request prof. Murat Meha, the CEO of the Kosovo Cadastral Agency) and in Amman (invitation Dr Samara DG Land and Surveying Department). Within three weeks he will distribute the revised work plan for consideration.

Report Working Group 2

The chair of the Working Group, *Mikko Uimonen*, reported about the discussions on identifying what kind of instruments exist to combat land fragmentation and land distribution. The Working Group proposes to deal with one topic at the time. In 2002 the focus was on the land redistribution process (Pretoria). In 2003 there will be focus on land consolidation (Clermont Ferrand) and in 2005 on land distribution, possibly in Asia.

Report Working Group 3

The chair of the Working Group 3, *Winfried Hawerk*, reported about the discussions on the organization of a symposium in Innsbruck, June next year. The programme will be finalized at the end of the year. There is also an option for a workshop about cadastral modeling with the GIS-industry. The 3D Cadastre working group needs more leadership. The use of the cadastral template for good practices reports and CELK Center databases needs to be encouraged. Another idea is to organize something on GPS in cadastral surveying in Italy next years.

Miscellaneous

Mrs. *Gerda Schennach* was appointed a member of the new taskforce on disaster management.

The Jordanian delegation will bring the cadastral template to the attention of the Arab Federation for Surveying.

The Commission expressed its gratitude to the Polish delegation for organizing this annual meeting with cadastral congress.

Closing

The chair of the Commission, *Paul van der Molen*, draw attention to he future events as there are:

- FIG Regional Conference Marrakech 2003 December 2-5
- FIG Working Week Athens 2004 May 22-27
- Commission 7 Symposium E-Land administration Innsbruck 2004 June 2-4
- Nordic Surveyors Congress Helsinki 2004 July 7-9
- Commission 7 Annual Meeting Clermont Ferrand 2004 September 8-15
- FIG Regional Conference Jakarta 2004 October 3-7
- Intergeo Stuttgart 2004 October 13-15
- Commission 7 seminar Nairobi 2004 Dec 1-3 (?)

Then the annual meeting was closed.

Many thanks for everybody's participation.