



## NEWS FOR FIG-COMMISSION 7

To : Delegates, correspondents and friends of Commission 7  
From : Paul van der Molen  
Subject : Information and news  
Date : 10 October 2002

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Dear Friends,

We send you our sincere greetings and we trust you all are well.

### 1. **Annual Meeting Commission 7**

As time goes by, we would like to draw your attention to the invitation you all got for the Commission 7 annual meeting in Pretoria (November 4-9). **If you did not receive this invitation please get in touch as soon as possible!!** The fee is 700\$ all-in.

A two day symposium is included, addressing the very interesting issue of the operational and technical aspects of land -redistribution, which is a very actual topic in the region, but at the same time of highly professional interest of us all (attached).

### 2. **Working Group 3 (Advances in Modern land Administration)**

Winfried Hawerk will send out a short questionnaire on the application of technology in due course, as a preparation for the annual meeting. I ask for your kind cooperation.

Please find a message and some questions of Daniel Steudler and Jürg Kaufmann regarding the country reports (attached, please choose pdf or rtf format).

### 3. **Website**

All information about the annual meeting and the symposium are also on the FIG website <[www.fig.net](http://www.fig.net)>, as well as other relevant information about the Commission.

### 4. **Marketing of the symposium**

**Please forward the announcement of the symposium to persons in your network who might be interested.**

### 5. **Standardisation**

The OpenGIS consortium discusses the desirability of standardisation of the 'Cadastral Domain'. At an OpenGis meeting in Noordwijk (The Netherlands) it became clear that at least 3 OpenGis members should formally support the start of such an activity. There seems to be support (The Netherlands, Germany, New Zealand). The chairperson of Working Group 3, Winfried Hawerk and our vice chairperson 'administration' Christiaan Lemmen are involved.

### 6. **Developments Ukraine**

The Center for Land Reform Polici in Ukraine, a NGO, is very active in collecting and disseminating information about land reform and related issues. The director Ms Natalya Korchakova is very active, and manages a impressive website <<http://myland.org.ua>>. Membership of organisations is possible at an annual fee of \$300.

7. **PhD Property Boundaries in Sweden**

Ms Kirstin Karlsson conducts a PhD at the University of Lund (Sweden) on the legal aspects of property boundaries. Her main objective is to identify and analyse the consequences of implementing a valid digital cadastral index map based on legally determined boundary coordinates. She asks for sharing experiences and ideas, on <kirstin.karlsson@lantm.lth.se>.

8. **WPLA**

The UN Working Party on Land Administration (WPLA) will meet in Athens (tentative dates May 29-30) to discuss the UN Land Administration Guidelines (1996, UN, New York, Geneva). Experts are invited to present proposals for adaptation and updating, in order to publish a new version of the publication (Guidelines at <www.unece.org/env/hs/wpla>).

9. **Questionnaire High Commissioner Human Rights**

The High Commissioner of Human Rights asks our co-operation in filling out a questionnaire on women and adequate housing. If anybody of the Commission 7 address list has knowledge of housing matters (quite in depth) please get in touch as soon as possible to assist us in meeting this demand. The questionnaire is also on the website of the High Commissioner <<http://www.unhcr.ch/housing>>.

10. **OICRF**

The OICRF has a lot of new papers and articles included in the database. As you know you can download copies for personal use for free (<[www.oicrf.org](http://www.oicrf.org)>).

11. **Commission 7 meeting Washington april 2002**

The minutes of our meetings in Washington (FIG Congress 2002) are attached for your convenience.

12. **Epilogue**

**PLEASE CONSIDER ATTENDING THE ANNUAL MEETING  
GIVE YOUR REACTION IN DUE COURSE AT <Pauline.vanElsland@kadaster.nl>**

Kind regards,

Paul van der Molen <[paul.vandermolen@kadaster.nl](mailto:paul.vandermolen@kadaster.nl)>  
Christiaan Lemmen <[lemmen@itc.nl](mailto:lemmen@itc.nl)>  
Pauline van Elsland <[pauline.vanelstand@kadaster.nl](mailto:pauline.vanelstand@kadaster.nl)>

## FIG Commission 7

Symposium on land re-distribution in Southern Africa  
November 6 and 7, 2002 in Pretoria, South Africa

### *Symposium*

FIG Commission 7 organises a two day-Symposium on the 'how to do' question of land re-distribution in Southern Africa. The target group for this Symposium are land managers, land surveyors and related professions. The aim is to focus on the operational and technical aspects of the land re-distribution process. This question has been raised amongst others at the FIG Washington congress by land surveyors from the region (April, 2002) and also at the Worldbank Workshop on Land Issues in Kampala (April/May, 2002).

The Symposium has support of FAO and will have contributions from representatives of the Worldbank, FAO, possibly the African Development Bank, and many senior academics, bureaucrats, and practitioners.

### *Programme*

As soon as the programme is finalized it will be widely published.

### *Venue*

The venue of the Symposium is Burgers Park Hotel, Pretoria SA.

### *Information*

Information can be obtained by [pauline.vanelstrand@kadaster.nl](mailto:pauline.vanelstrand@kadaster.nl).

### *Registration*

Because of support of sponsors, there will be no attendance fee for this important Symposium. However, participants have to make their own arrangements for travelling and lodging (for example in the Burgers Park Hotel, tel. +(27) 12 3227500, e-mail: [linda@burgerspark.co.za](mailto:linda@burgerspark.co.za), rate per night appr. \$ 35, breakfast included.).

Attendants are invited to register before October 15, 2002 at [pauline.vanelstrand@kadaster.nl](mailto:pauline.vanelstrand@kadaster.nl).

In the confirmation of the registration all relevant information will be given.



## STANDARDIZED COUNTRY REPORTS 2002 OF FIG-COMMISSION 7

TO: Delegates, Correspondents and Friends of Commission 7  
FROM: Daniel Steudler and Jürg Kaufmann  
SUBJECT: Standardized Country Reports 2002  
DATE: 4 September, 2002

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Dear colleagues and friends,

Jürg Kaufmann and myself have been asked by Commission 7 ("Work Plan 2002-2006" from 28 May 2002) to continue the development of the standardized country reports that the Commission traditionally holds at each annual meeting.

For the annual meeting 2001 in Gävle, we made a proposal how standardized country reports might be carried out in the future: we suggested a structure with four sections, each having a different purpose and scope (see Table 1 below). Unfortunately there was never enough time during the meetings to discuss the proposal and we ended up with rather long questionnaires for sections C and D, which probably discouraged many people from filling them out. But we are still convinced that the structure of the original proposal might be helpful and that's why we would like to pursue it.

	Filling out of a questionnaire	Presentation at annual meeting	Included in summary report
<i>Section A – Special Topic of the Year</i>	–	✓	✓
<i>Section B – Reforms and Trends</i>	–	✓	✓
<i>Section C – Statistical Indications</i> Annual statistics on performance and progress.	✓ (annually)	✓ (relevant facts)	✓
<i>Section D – Basic Characteristics</i> Basic characteristics (long-term validity).	✓ (only initially)	✓ (relevant facts)	✓

Table 1: The four sections of the Standardized Country Reports of FIG-Commission 7 as were suggested for the annual meeting 2001.

For the annual meeting this year in South Africa, we suggest that the Commission concentrates on sections A and B, and that we discuss during the meeting in November, if and how to tackle sections C and D in the future. There are several possibilities: either we change, shorten and/or simplify the questionnaire or we take advantage of the modular structure and fill out certain questions only every other year.

In this context, we would like to mention, that there is at the moment also a project being initiated by the Working Group "Cadastre" of the "Permanent Committee on GIS Infrastructure for Asia & the Pacific" (PCGIAP). Its aims are to "maximize the economic, social and environmental benefits of geographic information in accordance with Agenda 21 by providing a forum

for nations from Asia and the Pacific", which comprises some 55 countries (for further information see their web site at "<http://www.gsi.go.jp/PCGIAP/>"). One of the aims of the Working Group "Cadastre" is to "to develop an appropriate generic template for country profile analyses describing the status of cadastre and land administration, and the need for improvements, which will facilitate benchmarking and the development of performance indicators". This template will be discussed at their annual meeting in September this year and is planned to be carried out next year during the meeting in July 2003.

We may be able to provide more information about this PCGIAP initiative during the meeting in South Africa. For this year, we suggest – as mentioned above – to concentrate on sections A and B:

- ***Section A: Special Topic of the Year***

We got a request from the incoming FIG-president Prof. Dr. H. Magel from Germany for statistical indications regarding the number of students in surveying and geomatics. We would like to take this opportunity as the first "Special Topic of the Year" and would like to ask you to fill out the questionnaire below in Appendix A.

- ***Section B: On-Going Reforms and Emerging Trends***

We also would like to continue the Commission 7 tradition that every country (or depending on the time schedule at least a selection of attendees) makes a brief presentation during the annual meeting. We think it to be appropriate when all attending countries present a brief overview of on-going reforms and of emerging trends in their national system (compare further below in Appendix B).

We would like to invite all delegates and corresponding members to Commission 7 to fill out these two sections for this year, even when they are unable to attend the annual meeting. It would be a great help for our work when we the replies are sent to us in electronic format either before or during the annual meeting. The results will be compiled and published on the Internet after the annual meeting.

Please send your replies to: Daniel Steudler, The University of Melbourne, Dept. of Geomatics, Parkville VIC 3010, AUSTRALIA (Fax + 61-3-9347 2916) or preferably in electronic format to [steudler@sunrise.sli.unimelb.edu.au](mailto:steudler@sunrise.sli.unimelb.edu.au).

We are very grateful for your cooperation and look forward to the discussions in November in South Africa.

With kind regards,

**Daniel Steudler**

(Corresponding member of FIG-Commission 7)

**Jürg Kaufmann**

(Swiss delegate to FIG-Commission 7)

This document can also be found on the Internet at <http://www.swisstopo.ch/fig-wg71/> (country reports).

## Appendix A: *Special Topic of the Year 2002*

The FIG council is very concerned with the development of the student numbers graduating from universities in the different countries. It seems that the numbers are in decline and that the FIG lacks reliable statistics about this topic in order to react.

The special topic of the year 2002 therefore looks for statistical indications about the number of universities offering a Bachelor degree or comparable for professional surveyors or geomatics engineers.

Country/state for which the indications are valid:	.....
Name of contact person	.....
Affiliation:	.....
Function:	.....
Address:	.....
Contact details (Email address):	.....

	Bachelors degree or comparable	Masters degree or comparable
1) What is the <b>number of universities/institutions</b> in your country that offer academic degrees (Bachelor and Masters degree or comparable) for professional surveyors and/or geomatics engineers?	.....	.....
2) What is the average <b>duration of the program</b> to accomplish a Bachelor and Masters degree or comparable in those universities/institutions?	..... years	..... years
3) In the year <b>2000</b> :		
a) what was the number of students <b>starting</b> a degree in those universities/institutions ?	.....	.....
b) what was the number of students that <b>finished</b> their degree in those universities/institutions ?	.....	.....
c) what was the number of students that started <b>work in the surveying/geomatics field</b> within 3 months of graduation ?	.....	.....

4) In the year <b>2001</b> :		
a) what was the number of students <b>starting</b> a degree in those universities/institutions ?	.....	.....
b) what was the number of students that <b>finished</b> their degree in those universities/institutions ?	.....	.....
c) what was the number of students that started <b>work in the surveying/geomatics field</b> within 3 months of graduation ?	.....	.....
5) In the year <b>2002</b> :		
a) what was the number of students <b>starting</b> a degree in those universities/institutions ?	.....	.....
b) what are supposedly the number of students that will <b>finish</b> their degree in those universities/institutions ?	.....	.....
c) what is the approx. number of students that likely will start <b>work in the surveying/geomatics field</b> within 3 months of graduation ?	.....	.....

If you are not aware of the approximate numbers, we would like you to contact the respective universities/institutions in order to have more or less correct indications.

## Appendix B: *On-going Reforms and Trends*

Country/state for which the indications are valid:	.....
Name of contact person	.....
Affiliation:	.....
Function:	.....
Address:	.....
Contact details (Email address):	.....

Please, indicate the most important reforms that are in process in your national cadastral system (incl. objectives of the reform, the stakeholders, problems encountered, planned budget, time frame, etc.) ?

Please, indicate trends that were emerging in your national cadastral system during the last 12-24 months (e.g. from a technical, organizational/institutional, financial point of view) !



## FIG-COMMISSION 7

To : Delegates Commission 7  
From : Christiaan Lemmen  
Subject : Report Meeting of FIG Commission 7 Washington DC, USA,  
Date : April 22nd 2002 (9:00-10:30)

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### 1. Opening

Leave taking chair Paul Munro Faure welcomes the new, elected, chair Paul van der Molen and Christiaan Lemmen, new vice chair administrative and is pleased that Paul van der Molen is well prepared and has arranged his life for his new task.

Paul van der Molen, opens the meeting, welcomes the delegates and introduces the agenda. The attendance list circulates.

### 2. Urgent issues

The Commission 7 dinner for delegates and partners on April 24th 2002 and reserved tables for the farewell dinner are communicated.

### 3. Presentation Commission 7 Work Plan 2002-2006

The Commission 7 Workplan will be presented to the General Assembly on Friday 26th of April 2002. This plan has been discussed in detail during the 2001 Annual Meeting in Gävle, Sweden, where it has been decided that a lot of topics could be addressed within the mandate of Commission 7 and its new Working Groups. András Oskó, Hungary, Mikko Uimonen, Finland and Winfried Hawerk, Germany are prepared and available as chairs of the new Working Groups 7.1, 7.2 and 7.3.

Land Administration should have a more appropriate profile at FIG level, e.g. by output of our activities in new FIG publications.

### 4. Appointment of Working Group 7.1

This Working Group will focus on 'Land Administration in non statutory environment'. In many countries Land Administration is identified with the colonial 'part', customary and indigenous rights are not identified in the traditional concepts of Cadastre. There was a general agreement that integration of customary and indigenous rights is required. This is in line with the Bathurst Declaration. After a discussion on pluriform environments with various forms of tenure, the question if surveyors can deal with those issues, the legal frame work in relation to customary land tenure and Land Administration, informal settlements, is decided to exclude the 'non statutory environment' from the name of this Working Group. It has been agreed that the name will be "Creating Land Administration in formal and informal environment".

It has been confirmed that there will be attention and care to the subject women's access to land.

Dr. Clarissa Fourie and Dr. Michael Barry are available to advise the Working Group.

András Oskó, the new chairman of Working Group 7.1 is prepared for an active contribution for the next four years and invites delegates to participate.

### 5. Appointment of Working Group 7.2

Land fragmentation is a problem in many countries. Land consolidation can contribute to solutions in this, cheap and easy procedures have to be provided and the concept has to be evolved. In Zimbabwe, Namibia and South Africa the approach is land redistribution. This has to be addressed in relation to a land policy. Appropriate instruments for improvement have to be developed. Land redistribution is accepted by the World Bank.

The proposed name 'avoiding land fragmentation through land consolidation' is rare to say. This name includes already the solution, it is suggested to choose a more open name. This will be: 'Instruments for Land distribution'

Mikko Uimonen, the new chairman of Working Group 7.2, will be assisted by Mika Törhönen, Finland, as a secretary. Participants are invited to join the activities of this group.

#### 6. Appointment of Working Group 7.3

The working field of this Working Group will be 'Advances in modern land administration'. Contributions from cadastral domain to spatial data infrastructures, e-commerce, electronic conveyancing and digital signatures are some subjects with impact on land administration systems. Standardisation is a condition here, the ISO Technical Committee 211 already expressed in a resolution its appreciation to develop a model of the basic contents for a cadastre, in co-operation with FIG, the Open GIS Consortium is one more organisation where co-operation has to be developed. A subgroup on 3D Cadastre under Working Group 7.3 could give a follow up to a workshop in Delft on this subject. Dr. Martin Salzmann from the Netherlands cadastre will chair this subgroup. This will be included in the workplan. GPS technologies are further subjects of studies, e.g. in joint co-operation with commission 5.

#### 7. Contribution to Joint Working Groups

- Joint activities will be developed in close co-operation with colleagues from: Commission 2 on Capacity Building in Land Administration. Chair will be Ulf Jensen from Sweden. Commission 7 will be represented by Tommy Osterberg, Sweden and Paul van der Molen and Arbind Tuladhar from the Netherlands.
- Commission 4 on coastal zone management and marine cadastre. Paul van der Molen could not yet identify people in the marine cadastre environment. Michael Barry, Ian Williamson and Paul Munro Faure expressed their interest. Williamson suggests to link some ongoing research activities in Asia-pacific with commission 7. This concerns the harmonisation of cadastre and topographic mapping and coastal zone and marine management.
- Commission 5 on low cost but appropriate technologies. Commission 7 will be represented by Gerda Schennach, Mabel Alvarez, Jacob Opadeyi and Tim Viney.
- Mrs. Gerda Schennach will represent Commission 7 in the FIG Network of underrepresented groups.

#### 5. Contribution to Standardisation

FIG is starting up the FIG standardisation network. Dr. Winfried Hawerk is involved, other delegates are invited to be part of this network.

#### 6. Annual Meetings 2002 and 2003

The annual meeting 2002 of Commission 7 will be organised in Pretoria, South Africa by Api van den Berg. It has preference to organise this meeting later than the Global Conference on Sustainable Development. After tuning to other events the date is fixed to 4-8th November 2002.

In September 2003 the 2nd Cadastral Congress will be organised in Cracow, Poland. Theme: "Cadastre reliable for civil services". ---This Congress will be combined with the 2003 annual meeting of Commission 7, which originally was planned in Paris, France---

The 1st Congress on Cadastre in Europe will be in Granada, Spain, 15-17 May 2002, focus is on harmonisation of European Cadastres. FIG is not officially involved here, we can try to use our influence. Mrs. Gerda Schennach expects this meeting to be well attended. Evaluation of the draft declaration learns this are not in line with Cadastre 2014. She proposes to be in discussion on this before this congress.

The EULIS project, financed by EU supports to development of a front shop model to all related cadastres.

The chairman announces GIS Istanbul, September 2002. There is a call for papers. FIG supports this event. InterGeo, Frankfurt, October 2002.

#### 7. Regional events and contribution to other events

The Commission is committed to develop regional meetings, concentrating on issues in the region, occasionally with UN and Habitat.

#### 8. Closing