



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

FIG Newsletter – July/August 2017

Dear Colleague,

Welcome to the July/August issue of FIG Newsletter. Please note the call for papers for FIG Congress 2018 – deadline for full peer review papers (incl abstract) is coming up soon, 1 October 2017, and deadline for abstracts for regular and short presentations is 15 November 2017. There are also other exciting FIG event coming up in the next months.

Emails from FIG

Lately there have been sent out spam emails in the name of FIG – but not from any FIG email address. We are sorry about this, and unfortunately, it is almost impossible to prevent this kind of fraud. Please note that when we send the FIG newsletter we do NOT include any attachments – all information is in the newsletter and with links to further information on the FIG web site. There might be other emails from the office with attachments, though. You will most likely know who sends out emails from FIG... If you are in doubt about any emails please send a message either to Louise or to our general email address fig@fig.net.

FIG at Intergeo

If you are visiting Intergeo in Berlin, Germany, this year, please come by the FIG stand or contact Louise (lfh@fig.net) to book a meeting. We will be at stand **C7.009 in hall 7.1**.

Article of the Month

Each month on the FIG web site we publish a paper called the Article of the Month.

July 2017

Olli Nevalainen, Tomi Rosnell, Teemu Hakala, Eija Honkavaara, Roope Näsi, Kimmo Nurminen, Finland: *Unmanned Aerial Vehicles in Municipality Level 3D Topographic Data Production in Urban Areas.*

This paper was presented at the FIG Working Week 2017 in Helsinki, Finland, 29 May – 2 June. The paper describes general properties and characteristics of different types of UAVs. Results showed that UAV photogrammetry provides low cost tool for producing topographic data in urban areas, especially when small areas are of concern.

http://www.fig.net/resources/monthly_articles/2017/nevalainen_etal_July_2017.asp

August 2017 – Commission 5 Rewarded Paper

Hannu Koivula, Antti Laaksonen, Sonja Lahtinen, Jaakko Kuokkanen, Simo Marila, Finland: *Finnish Permanent GNSS Network, FinnRef*

For the first time FIG Commission 5 decided to award the best Commission 5 paper of the FIG Working Week with the NavXperience Award. The price 2017 was awarded to Hannu Koivula et al. for their contribution. The paper is focusing on renewing the FinnRef network. The NRTK service will be improved so that it fulfills the internal surveying needs of the NLS. For this purpose the NLS has

initiated a project for 2017-2019 to densify FinnRef with 20-30 new GNSS stations.
http://www.fig.net/resources/monthly_articles/2017/Koivula_etal_August_2017.asp

FIG Congress 2018 – Call for Papers



Let's Meet in Istanbul



Istanbul Convention and Congress Centre, located in the city center of Istanbul, conveniently close to hotels and attachments

The Congress is organised by FIG and the Turkish Chamber of Survey and Cadaster Engineers (CSCE) and will take place 6 – 11 May 2018 in Istanbul, Turkey. We are certain that Istanbul will exceed in meeting all requirements and expectations for a memorable and successful Congress. As known, this geographical area has not hosted any FIG Congress & General Assembly before. Istanbul is one of the most impressive and attractive cities at the crossroads of Europe and Asia, where unique beauties of the West and the East come together.

The overall theme of the large 4-year Congress is:

***Embracing our smart world where the continents connect:
enhancing the geospatial maturity of societies***



Istanbul is the only city in the world built on two continents and stretches along the two shores of the Bosphorus that links the Sea of Marmara in the South with the Black Sea in the North

The four day conference will offer an exciting and varied choice of technical sessions, technical tours and of course also the opportunity to explore the wonderful city and surroundings of Istanbul as well as the famous Turkish hospitality.

Exhibition and sponsorship

It is now time to secure your special sponsorship and a stand at the exhibition. The exhibition will be built up in the hallways of the session rooms and will therefore be well visited throughout the conference days. Read more about your opportunities at:

<http://www.fig.net/fig2018/sponsors.htm>

Call for Papers – your participation in the technical programme

Prepare your own attendance. The Call for Papers is out, and please note the deadlines for:

Peer Review Papers: 1 October (full paper) and Normal papers: 15 November (abstracts)

Read the call for papers and the specific focus of the 10 FIG commissions, the Networks, Permanent institutions and the current Task Forces at

www.fig.net/fig2018/call.htm



Conference information

Stay updated – visit the congress site: www.fig.net/fig2018 which is updated regularly.

FIG Foundation Academic Research Grant 2018 and Ph.D. Scholarships 2018



FIG Foundation offers two types of grants:

Academic Research Grants of up to 40,000 euros spread over four years. The grants are aimed at emerging researchers on the threshold of their research career

http://www.fig.net/figfoundation/2018_research_grants.asp

Ph.D. Scholarship Grants of up to 4,000 euros to PhD students

http://www.fig.net/figfoundation/2018_phd_scholarship.asp

NEWS from FIG

International Construction Measurement Standards



See Lian Ong, Chair of FIG Commission 10 has served as chair of the international ICMS Coalition Standards Setting Committee. Their effort has resulted in a successful ICMS standard that was launched in July 2017. The standard is an universal system that enables global comparison of construction project costs.

http://www.fig.net/news/news_2017/07_icms_standard_launch.asp

Adelaide commemoration of the first trigonometric allotment in coordinated system



FIG International Institution for the History of Surveying and Measurement, IIHS&M, has been helpful in the process of commemorating the first trigonometric allotment in coordinated system. IIHSΜ has been working on this since the FIG Congress 2010 in Sydney, Australia

http://www.fig.net/news/news_2017/05_adelaide.asp

Wallace Mukupa received FIG Foundation 2016 Ph.D. scholarship



Wallace Mukupa tells his story on how he got a Ph.D scholarship and a grant to attend the FIG Working Week 2017 based on his accepted peer review paper.

www.fig.net/news/news_2017/05_slovenia.asp

Reference Frame in Practice Seminar



The Reference Frames in Practice (RFIP) series has been in operation since May 2012 and this year's seminar was convened in Kobe (Japan) on 29-30 July 2017. The seminar venue was the Kobe Chamber of Commerce - Port Island, and was hosted by GSI - Geospatial Information Authority of Japan.

http://www.fig.net/news/news_2017/07_rfip_kobe_japan.asp

FIG GENERAL ASSEMBLY 2017 – REPORT



The 40th General Assembly included close voting between Poland and Ghana, two new Honorary Members, discussion on Commission structure, voting on a change of statutes.

www.fig.net/news/news_2017/05_ga_report.asp

FIG WORKING WEEK 2017 – HELSINKI, FINLAND - REPORT



FIG Working Week 2017 Augmented Reality Card Board Glasses

The Working Week attracted around 1400 participants from 90 countries around the world, and was a busy week with plenary sessions, over 80 technical sessions, special sessions, inspirational session and partner sessions. The plenary speakers set the scene for the overall theme and for a busy and packed week of activities.

Report: www.fig.net/news/news_2017/05_ww_report.asp



Sibelius' Finlandia marked the opening played beautifully accompanied by photos showing the sunrise

Proceedings:

www.fig.net/resources/proceedings/fig_proceedings/fig2017/index.htm

Photo Gallery: www.fig.net/images/conference/2017_gallery.asp

General Assembly report:

www.fig.net/news/news_2017/05_ga_report.asp

Conference web site www.fig.net/fig2017

FIG President report to the General Assembly:

www.fig.net/organisation/general_assembly/agendas_and_minutes/2017/minutes/07_Presidents_Report.pdf

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JOB OPPORTUNITIES

University of Calgary: Assistant Professor, Geographic Information Science, Department of Geomatics Engineering

<http://www.fig.net/about/jobs/index.asp>

PUBLICATIONS

FIG ANNUAL REVIEW



2016 was an exciting and busy year for FIG. The Annual Review highlights some of the activities and achievements throughout the year.

www.fig.net/news/news_2017/05_annual_review.asp

Commission 9 Newsletter:

www.fig.net/organisation/comm/9/activities/newsletter/NewsletterFIGcom9June2017.pdf

EVENTS

FIG Commission Meetings and events



GeoPreVi 2017 will take place in Bucharest, Romania, 14 - 16 September 2017. The GeoPreVi 2017 is a scientific event of the Faculty of Geodesy - Technical University of Civil Engineering Bucharest and will be organized this year in cooperation with FIG Commissions 7, 8 and 9, Romanian Surveyors Union, Romanian Association of Private Surveyors and National Agency for Cadastre and Land Registration

Web site: <http://www.geoprevi.ro/>



The 2017 FIG Commission 3 Annual Meeting and Workshop with the overall theme "Volunteered Geographic Information: Emerging Applications in Public Science" will be held 27-30 November 2017. The workshop will provide the opportunity for delegates and contributors to present their research and experience on development and use of Voluntary Geographic Information, Geographic Information System, Spatial Information Management, crowdsourcing and Spatial Data Information systems and procedures.

Full paper submission deadline and extended abstract deadline: 14 September 2017

Web site: www.fig.net/organisation/comm/3/com3fig.wixsite.com/fig-commission3-2017



The FIG Commission 7 Annual Conference and Meeting is taking place between 4 – 8 December 2017 in Cartagena, Colombia. This event will also host a conference focused on Cadastre for emergencies and disasters: Challenges and opportunities for islands and coastlines.

The FIG Commission 7 Annual Conference is the meeting par excellence that brings together surveyors from around the world so they can share and learn about the latest developments in cadastre and land management as well as contributing experience and knowledge in terms of their environments and individual activities. It is a one-off opportunity for participants from all over the world –both professional members of the FIG Commission 7 and interested members of the public– to share their points of view.

Web site: <http://fig717.net/en/home-2/>

Other events

26-28 September 2017, Berlin, Germany

InterGeo Organised by DVW

Web site: <http://www.intergeo.de/>

5-6 October 2017, Hanoi, Vietnam

International Conference on Geo-Spatial Technologies and Earth Resources GETR-2017, organised by Hanoi University of Mining and Geology (HUMG) and VGCR (co-organiser of FIG Working Week 2019).

Web site: <http://ism2017.humg.edu.vn/>

5-6 October 2017, Vienna, Austria

Common Vision Conference 2017 - "Tradition meets Innovation". Hosted by the BEV - Austrian Federal Office for Metrology and Surveying and is embedded in the celebration of "200 Years of Cadastre in Austria. Supported by FIG.

Website: <http://www.bev.gv.at/>

10-12 October 2017, Singapore

The Year in Infrastructure 2017 Organised by Bentley Systems and Supported by FIG.

Web site: www.bentley.com/en/yii/home

18-20 October 2017, Lisbon, Portugal

Ingeo 2017. Organised by the Department of Surveying STU Bratislava (Slovakia) and LNEC Lisbon (Portugal), Co-sponsored by FIG Commission 6

Web site: <http://ingeo2017.lnec.pt>

22-24 October China, Xiamen China

ChinterGeo

FIG on Social Media   

Remember that you can follow FIG on the social media.

If you have not already joined, join us today:

Facebook: <https://www.facebook.com/#!/internationalfederationofsurveyors>

Twitter: https://twitter.com/FIG_NEWS

LinkedIn: http://www.linkedin.com/groups?gid=2669121&trk=myg_ugrp_ovr

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FIG Newsletter brings you latest information about FIG and its activities. The information referred here is in full length available on the FIG web site. Thus the Newsletter is produced to inform you what has happened recently and what interesting things are going to take place in the near future. The FIG Newsletter is circulated monthly or bi-monthly by e-mail. The referred articles are in English and written in a way that you are able to extract them to your national newsletters or circulate to your members and networks.

Kind regards,

Ms. Louise Friis-Hansen

Director



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FIG Congress 2018, 6-11 May 2018, Istanbul, Turkey
Web site: www.fig.net/fig2018



FIG Working Week 2019, 22 - 26 April 2019 in Hanoi, Vietnam
Web site: www.fig.net/fig2019

FIG Working Week 2020, 10 - 14 May 2020. Amsterdam, Netherlands
Web site: www.fig.net/fig2020

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