CLOSING REMARKS

Prof Peter van Oosterom

Prof Alias Abdul Rahman

Kalogianni Eftychia, PhD (c)

October 13, NEW YORK 2021

online

1. Best Paper Award for FIG 3D Cadastre 2021 Workshop !!!

Towards Design and Development of a BIM-based 3D Property Formation Process

Jing SUN, Jesper PAASCH, Jenny PAULSSON, Väino TARANDI and Lars HARRIE, Sweden

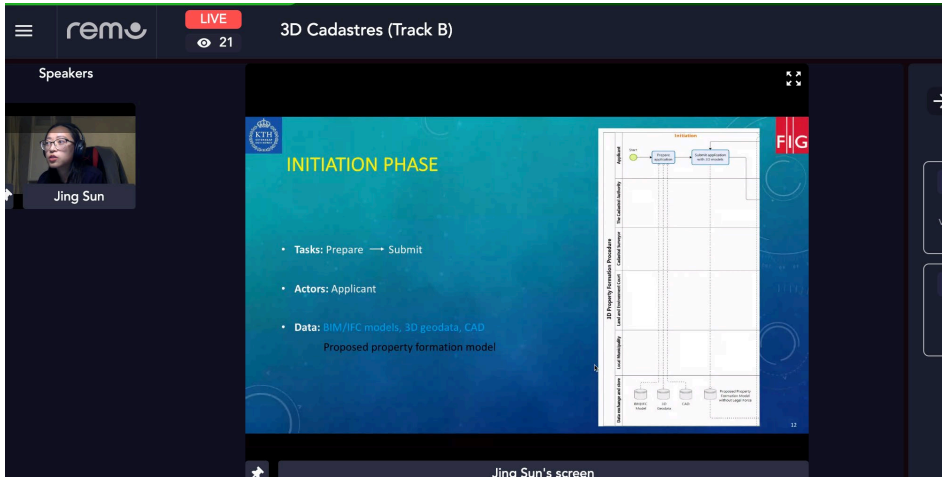
Key words: 3D property formation, Building Information Modelling, Information Delivery Manual, Level of Information Need, 3D Cadastre

SUMMARY

With the increased interest and demand for 3D property, 3D property formation has shown increased significance. It is important to provide efficient, clear and unambiguous methods to form 3D property units, as well as register 3D property RRRs (rights, restrictions and responsibilities). The 3D property formation process should facilitate solutions to complicated problems within building projects (for example space above and below the ground) and provide secure and lasting rights in complex situations. Therefore, 3D property formation could use the same processes as for the formation of other property units, but adding specific rules and standards concerning the use of 3D models.

Building Information Modelling (BIM) contains rich details of building characteristics such as the extent and granularity of information, in order to prevent delivery of too much information. The LOIN specifies the granularity of information exchanged in terms of geometrical information, alphanumerical information and documentation, which should be used to specify the information delivery between actors.

In this paper, we use LOIN as a basis to specify information requirements according to the 3D property formation purposes, and design a developed process of the Swedish 3D property formation in IDM. In the study, LOIN fulfills the requirements of forming 3D cadastral property in BIM models and harmonizes all involved actors in the whole process in IDM with a more common and standardized approach. The proposed methodology aims to facilitate a standardized and unambiguous digital 3D property formation process on a national level in order to improve and enhance the digital Swedish Cadastral and Land Administration Systems.



3D Cadastres

CONGRATULATIONS!

BEST PAPER AWARD

for the paper

"Towards Design and Development of a BIM - based 3D Property Formation Process", presented at the 7th FIG 3D Cadastre 2021 Workshop, organised in conjunction with the 16th International 3D GeoInfo Conference, online.

Recipients: Jing Sun, Jesper Paasch, Jenny Paulsson, Väino Tarandi & Lars Harrie

2. Special Issue of LUP → selected authors will be invited by guest editors [Prof Peter van Oosterom, Prof Alias Abdul Rahman, Assistant Prof Mila Koeva, Eftychia Kalogianni] by 12/11/2021

**deadline 01/04/2022

3. Last FIG 3D Cadastre 2021 Workshop in 2021 .....

--> FIG 3D Land Administration Workshop!

** in line with ISO19152 LADM

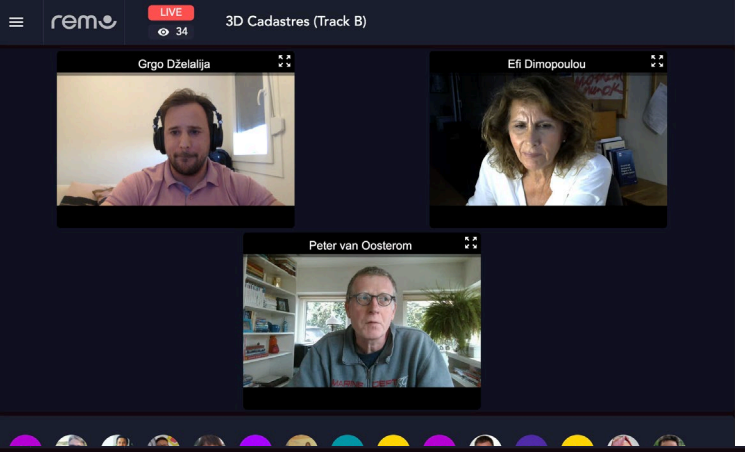
4. FIG 3D Land Administration Worksop 2023 → 11-13/10/2023 @ Sweden

hosted by the University of Gävle

5. 10th FIG Workshop on the Land Administration Domain Model 2022 → 31/03-02/04 2022 @ Croatia, Dubrovnik [together with 7thCroatian Congress on Cadastre and FIG comm. 7 annual meeting)]

Check: isoladm.org for more info

**deadline 30/11/2021


LIVE
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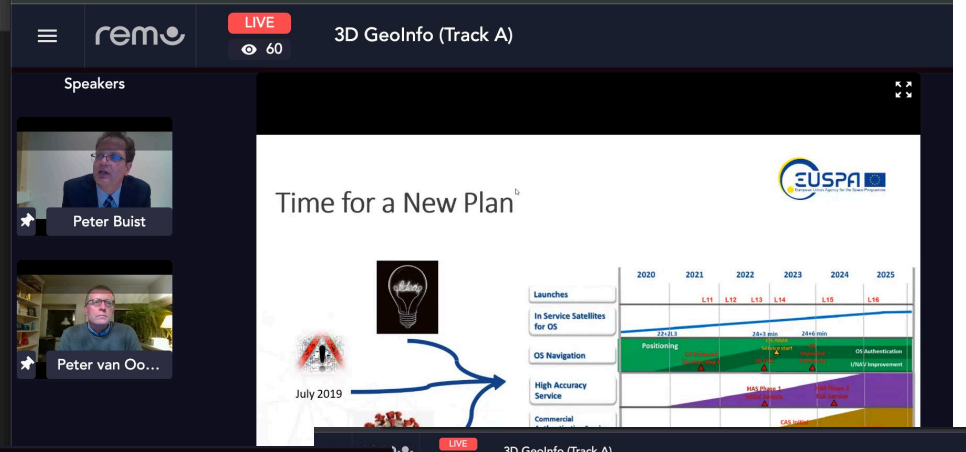
3D Cadastres (Track B)
Grgo Dželalija
Efi Dimopoulou
Peter van Oosterom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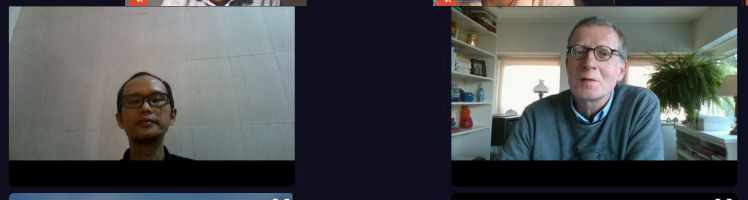
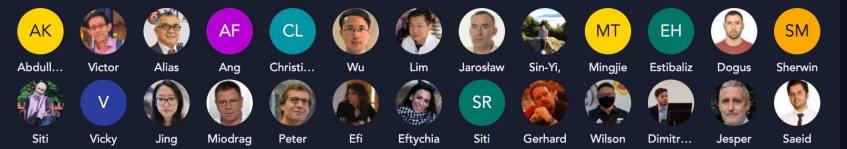
3D GeoInfo (Track A)
Speakers
Peter Buist
Peter van Oo…
Time for a New Plan
EUSPA
July 2019
Launches
In Service Satellites for OS
OS Navigation
High Accuracy Service
Commercial
2020
2021
2022
2023
2024
2025


Miodrag Roić
Peter van Oosterom
Eftychia Kalogianni
Efi Dimopoulou
Dimitrios Kitsakis
Morten Datum Madsen
Jing Sun
Jarosław Bydłosz
Jesper M. Paasch
Dionysia - Georgia Perp…
Jernej Tekavec




Shen YING


Behnam Atazadeh


AK
Abdull…
Victor
Alias
AF
Ang
CL
Christi…
Wu
Lim
Jarosław
Sin-Yi,
MT
Mingjie
EH
Estibaliz
Dogus
SM
Sherwin
Siti
V
Vicky
Jing
Miodrag
Peter
Efi
Eftychia
SR
Siti
Gerhard
Wilson
Dimitr…
Jesper
Saeid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3D GeoInfo (Track A)
Anselm Haanen
Peter van Oosterom


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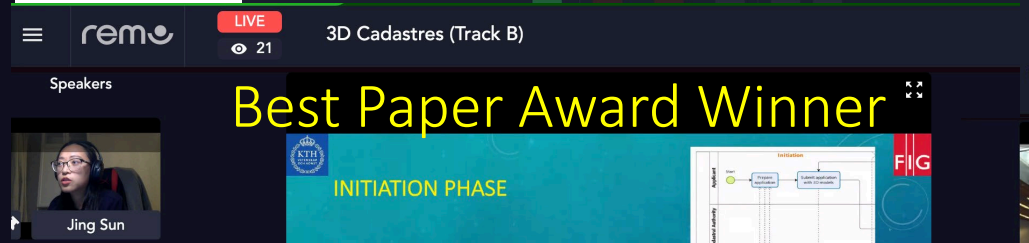
3D Cadastres (Track B)
Peter van Oosterom
Jacynthe Pouliot
Eftychia Kalogianni
FIG 3D Cadastre…
4D MUSRENBANG:
YouTube
Shen YING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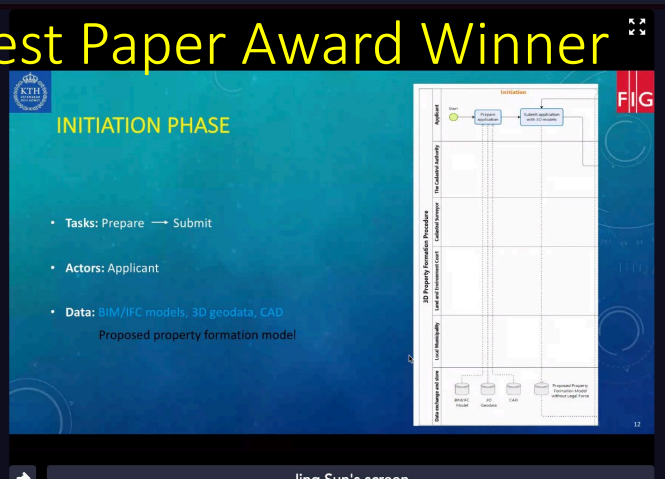
3D Cadastres (Track B)
Speakers
Jing Sun


Best Paper Award Winner
INITIATION PHASE
Tasks: Prepare → Submit
Actors: Applicant
Data: BIM/IFC models, 3D geodata, CAD
Proposed property formation model
FIG


Eftychia Kalogianni
Alias Abdul Rahman
Efi Dimopoulou

THANK YOU!!

Prof Peter van Oosterom

Prof Alias Abdul Rahman

Kalogianni Eftychia, PhD (c)

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