

FIG Publication 3D Cadastres Best Practices

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Key words: Cadastre; Cartography; Digital cadastre; Geoinformation/GI; Legislation; Information models

SUMMARY

At the end two most recent 4-year terms (2010-2014 and 2014-2018) of the joint commission 3 and commission 7 FIG Working Group on 3D Cadastres, it was decided to collect the best known practices in a single FIG publication. Key authors were invited to lead a chapter on one of the following topics:

- Chapter 1 3D Cadastres Best Practices: Legal foundations (Dimitrios Kitsakis),
- Chapter 2 Initial Registration of 3D Parcels (Efi Dimopoulou),
- Chapter 3 3D Cadastral Information Modelling (Peter van Oosterom),
- Chapter 4 3D Spatial DBMS for 3D Cadastres (Karel Jančka), and
- Chapter 5 Best Practices in 3D Cadastre Visualization and New Opportunities (Jacynthe Pouliot).

The mentioned lead authors have each teamed-up with a group of authors to produce their chapters. A lot of inspiration was found in the earlier 3D Cadastres activities of FIG, such as the various 3D Cadastres workshops, the two 3D Cadastres questionnaires, and the presentations and publications at the 3D Cadastres sessions at every FIG Working Week and Congress. Currently the results is a quite extensive draft FIG publication of about 250 pages, which has been language checked by native English speakers. The intention is that this draft will be completed with a foreword by the current FIG president Chryssy Potsiou, and introduction by the editor Peter van Oosterom and other front and back

materials.

Based on this long version also a shorter version will be produced (about 80 pages). The short version will become available as FIG publication both in hard-copy (paper) and soft-copy (pdf online). The long version will only be published in soft-copy form and in the style of the FIG proceedings.

Both versions are expected to be available at the FIG congress 2018 in Istanbul, Turkey.

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