BIOGRAPHICAL NOTE

Daniel Steudler

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Sessions 1 and 2 |
Summary of Questionnaire (Parts 1, 2, 3)

Daniel Steudler holds a PhD degree from the University of Melbourne, Australia and is a scientific associate with the Swiss Federal Office of Topography swisstopo, working for the Federal Directorate for Cadastral Surveying. He has been active in FIG-Commission 7 for many years and was chair of the FIG-Task Force on «Spatially Enabled Society». He published widely in the cadastral field and consulted internationally in land administration and cadastral issues. Since March 2015, he is chair of the EuroGeographics "Cadastre and Land Registry" Knowledge Exchange Network.

PHOTO

Summary of Results of the Questionnaire in Preparation of PCC Conference

Joint PCC and EuroGeographics Conference
Portugal, 26/27 May 2021

Daniel Steudler, Chair CLRKEN

Table of Content

2.1 Major innovations over the last ten years

Describe major innovations in cadastre and land administration in your country over the last ten years.

- digital data, information, services — 23
- web services, portals, platforms, APIs, WMS — 14
- addresses, buildings, geographical names — 7
- INSPIRE, interoperability, data accessibility — 7
- improve geometrical accuracy — 7
- linkage and/or integration of C & LR — 6
- digital signatures — 5
- legislative changes — 3
- key registers — 3

Other mention:
OGD, authoritative data, public-law restrictions, 3D, BIM, mass valuation

2.2 Impact of innovations on the economy and society

Describe the impact of these on the economy and society.

- better service to society — 16
- better data access, higher transparency — 15
- contribution to digital agenda — 12
- better quality of data and services — 11
- land tenure and transaction security — 8
- land market — 6
- lower operating costs, better efficiency — 5
- better management of land resources — 5
- reduction of admin. burden and barriers — 5
- positive impact on sustainability — 3

Other mention:
correlation with other geospatial data, customer orientation, higher tax income, higher investment in land, higher standard of living

2.3 Future innovations or developments

What future innovations or developments do you foresee in the next couple of years?

- better services, digital services: 17
- automation, digitization, digital transform.: 11
- enrichment of data, public-law restrictions: 6
- improve data quality, data checks: 5
- compatibility of data, interoperability: 5
- 3D data: 4
- web portal, NSDI: 4
- AI: 3
- drones, orthophotos: 3
- crowd sourcing: 2

Other mention:
key registers, unique identifiers, improve accuracy, open data, address registry, land e-auction