



The “3D Athens 2016 Joint International Conference”, was held from 18-21 October 2016 in Athens including the “11th 3D Geoinfo Conference”, the “5th International FIG Workshop on 3D Cadastres” and the ISPRS “3D Indoor Workshop”. Participants from all continents of the world presented 90 papers, 30 of which within the 3D Cadastres workshop, 10 in the Indoor3D workshop and 4 posters at the joint event. The conference hosted 11 industrial talks, including among others a speech on “3D PointCloud Management” by Mike Horhammer (Oracle) and other interesting participations shaping the future of 3D geoinformation. The 3D GeoInfo and Indoor3D peer reviewed papers have been published in the ISPRS Annals/ Archives, reflecting the latest achievements and future trends in this important field (see [http://3dathens2016.gr/site/?page\\_id=23954](http://3dathens2016.gr/site/?page_id=23954)), while the 3D Cadastres papers have been published by the FIG, on-line available at <http://www.gdmc.nl/3DCadastres>.

The scientific program also hosted a very interesting joint plenary session between 3D GeoInfo conference and 3D Cadastres that covered: the latest developments in “Dynamic 3D City Models”, presented by Prof. Thomas Kolbe (TU Munich), “nD-PointClouds” by Prof. Peter van Oosterom (TU Delft) and “The 3D Standards evolution” by Bart De Lathouwer (OGC Europe). Moreover in the plenary joint session, FIG president Chryssy Potsiou, did put the conference in context of supporting the mega-cities, fit-for-purpose solutions and the global UN agenda. Besides 3D cadastres, the joint event also covered the most recent 3D developments in the fields of Big Data, Data Management, City Modeling, Environmental and Infrastructure Management. The majority of the participants joined in all conferences, illustrating the synergy between the events and resulting in a fruitful discussion and interaction between participants from government, industry and academia.



During the 3D Geoinfo Conference 3D data collection, analysis, modelling and visualization have been presented by authors from all over the globe, providing the state-of-the-art developments in the field of 3D GeoInformation. The two separate sessions on Indoor3D have shown that the interest in indoor modelling and its link with outdoor is becoming increasingly important. The conference formed a forum for exchanging ideas and shaping new aspects on innovative topics, such as interoperable data models for semantically enriched virtual 3D city models, OGC standards’



evolution, integration of dynamic data and sensors with semantic 3D city models in smart cities, optimization of urban systems and their multiple application areas.

In the preparation, the reviewers were very active, and it was great to see that various authors/ presenters acknowledged this in public. Based on the full paper reviews the 3D Cadastres 2016 best paper award was given to Katerina Athanasiou, Efi Dimopoulou, Christos Kastrisios and Lysandros Tsoulos for their paper “Management of Marine Rights, Restrictions and Responsibilities according to International Standards”. There was an open and collegial attitude, resulting in a lot of fruitful discussion and interaction between participants from government, industry and academia. Also the active participation by Hellenic Cadastre was an important element.

In addition to the scientific program, the participants also tasted traditional dinners in a warm and hospitable social program. Many thanks to the authors, presenters, active participants, reviewers, and the local organizing team (NTUA, ERA) for making this an event never to forget due to

the great content, amazing historic venue, and the Greek personal touch.

We are sure that the enthusiasm and success of this conference will continue, and therefore, we are looking forward to seeing you in Melbourne 2017, Delft 2018, Singapore 2019...



Efi Dimopoulou Chair of “11<sup>th</sup> 3D GeoInfo 2016Conference”

Peter van Oosterom Chair of “5<sup>th</sup> International FIG Workshop on 3D Cadastres”

Umit Isikdag, Chair 2<sup>nd</sup> Indoor3D workshop