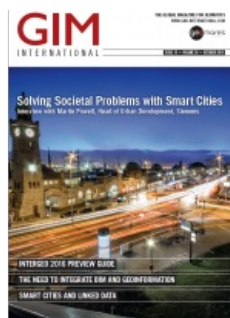


# GIM International Celebrates Intergeo 2016 with Double-thick Edition



*GIM International* proudly presents the double-thick October issue, dedicated to Intergeo 2016 and its related themes. The organisers of the world's premium geomatics event have chosen Smart City as one of the key topics, a subject that is also highlighted in our magazine by an interview with Martin Powell, head of urban development at Siemens. Powell believes that the geospatial sector can play a huge role in helping to understand how cities look, and he sees the geomatics and smart cities technology industries as providing mutual co-benefits.

Besides the interview with Powell, this edition of *GIM International* is focusing on Smart City with two great articles. Huibert-Jan Lekkerkerk has written a feature on smart cities and linked data. The smart city concept doesn't work without reliable, accurate and

available data. Lekkerkerk explains why linked open data (LOD) is a way to make data available and therefore to 'enable' the smart city. Frédérique Coumans has contributed a report on the Smart City element that has been added to Intergeo, zooming in on the interdependency of spatial data and smart cities. Dr Chirine Etezadzadeh, an expert on smart cities, explains that an interdisciplinary approach, certainly together with the geo-IT sector, is crucial for real results.

## BIM

Building information modelling (BIM) is another hot topic in the geospatial sector. Sisi Zlatanova and Umit Isikdag have co-authored a story on the need to integrate BIM and geoinformation. BIM is aimed at preventing mismatches in information exchange between the many stakeholders. While there is no doubt that BIM has come a long way in this respect, there are still challenges to overcome. The authors explain the essentials of BIM and take a closer look at a couple of issues.

Although the urban environment dominates this issue, there is also room for a trip to the countryside. Julianno Sambatti and three colleagues have written an article on high-resolution forest inventory services (HRISs) which combine state-of-the-art remote sensing technologies and computer analysis to produce operational forest inventories that help to improve the efficiency of various forest management activities. Additionally, James O'Connor and Mike Smith provide us with an overview of consumer-grade cameras on unmanned aerial vehicles (UAVs) for surveying and photogrammetric applications. Our senior editor Mathias Lemmens takes us to the more traditional land surveying methods with an article dedicated to the surveyor's workhorse: the total station. Today, total stations have a wide variety of capabilities and are extensively exploited in cadastral surveying, civil engineering and on construction sites. Lemmens provides us with a synopsis of features, status and trends.

## Intergeo Preview Guide

And there is much more to enjoy in this double-thick issue of *GIM International* including, of course, our Intergeo Preview Guide containing company profiles of the premium exhibitors at Intergeo 2016. Additionally, Nathan Quadros leads us into the fascinating world of bathymetric Lidar in his Technology in Focus article. There are reports on three recent events: the sixth session of UN-GGIM, FOSS4G 2016 (about the dynamic world of the open-source geospatial community) and the 4<sup>th</sup> FIG European Young Surveyors Meeting. The Company's View article has been provided by Future Insight, a Dutch company that is specialised in helping clients involved in complex projects with a spatial impact, such as civil construction and urban planning.

[Read the October issue of \*GIM International\* here.](#)