











- Gröger, Gerhard. (2008). *OpenGIS city geography markup language (CityGML) encoding standard: Open Geospatial Consortium*.
- Haala, N., & Kada, M. (2010). An update on automatic 3D building reconstruction. *Isprs Journal of Photogrammetry and Remote Sensing*, 65(6), 570-580. doi: DOI 10.1016/j.isprsjprs.2010.09.006
- Karantzalos, Konstantinos, & Paragios, Nikos. (2010). Large-scale building reconstruction through information fusion and 3-d priors. *Geoscience and Remote Sensing, IEEE Transactions on*, 48(5), 2283-2296.
- Lafarge, Florent, Descombes, Xavier, Zerubia, Josiane, & Pierrot-Deseilligny, Marc. (2008). Automatic building extraction from DEMs using an object approach and application to the 3D-city modeling. *ISPRS Journal of Photogrammetry and Remote Sensing*, 63(3), 365-381.
- Lafarge, Florent, & Mallet, Clement. (2011). Building large urban environments from unstructured point data. Paper presented at the Computer Vision (ICCV), 2011 IEEE International Conference on.
- McGuire, Max. (2000). The half-edge data structure. Website: [http://www.flipcode.com/articles/article\\_halfedgepf.shtml](http://www.flipcode.com/articles/article_halfedgepf.shtml).
- Musialski, Przemyslaw, Wonka, Peter, Aliaga, Daniel G, Wimmer, Michael, Gool, L, & Purgathofer, Werner. (2013). A survey of urban reconstruction. Paper presented at the Computer Graphics Forum.
- Oude Elberink, Sander Jakob. (2010). Acquisition of 3D topography: automated 3D road and building reconstruction using airborne laser scanner data and topographic maps: University of Twente.
- Perera, Gamage Sanka Nirodha, & Maas, Hans-Gerd. (2014). Cycle graph analysis for 3D roof structure modelling: Concepts and performance. *ISPRS Journal of Photogrammetry and Remote Sensing*.
- Perera, Sanka Nirodha, Nalani, Hetti Arachchige, & Maas, Hans-Gerd. (2012). An Automated Method for 3d Roof Outline Generation and Regularization in Airbone Laser Scanner Data. *ISPRS Annals of Photogrammetry, Remote Sensing and Spatial, Information Sciences I-3*, 281-286.
- Rau, Jiann-Yeou, & Lin, Bo-Cheng. (2011). Automatic roof model reconstruction from ALS data and 2D ground plans based on side projection and the TMR algorithm. *ISPRS Journal of Photogrammetry and Remote Sensing*, 66(6), S13-S27.
- Sampath, A., & Shan, J. (2010). Segmentation and Reconstruction of Polyhedral Building Roofs From Aerial Lidar Point Clouds. *Ieee Transactions on Geoscience and Remote Sensing*, 48(3), 1554-1567. doi: Doi 10.1109/Tgrs.2009.2030180
- Sohn, G., Huang, X. F., & Tao, V. (2008). Using a Binary Space Partitioning Tree for Reconstructing Polyhedral Building Models from Airborne Lidar Data. *Photogrammetric Engineering and Remote Sensing*, 74(11), 1425-1438.
- Vanegas, Carlos A., Aliaga, Daniel G., & Benes, Bedrich. (2012). Automatic Extraction of Manhattan-World Building Masses from 3D Laser Range Scans. *Visualization and Computer Graphics, IEEE Transactions on*, 18(10), 1627-1637. doi: 10.1109/TVCG.2012.30
- Verdie, Yannick, Lafarge, Florent, & Alliez, Pierre. (2015). LOD Generation for Urban Scenes. *ACM Transactions on Graphics*.
- Verma, Vivek, Kumar, Rakesh, & Hsu, Stephen. (2006). 3d building detection and modeling from aerial lidar data. Paper presented at the Computer Vision and Pattern Recognition, 2006 IEEE Computer Society Conference on.
- Xiong, B., Elberink, S. O., & Vosselman, G. (2014). A graph edit dictionary for correcting errors in roof topology graphs reconstructed from point clouds. *Isprs Journal of Photogrammetry and Remote Sensing*, 93, 227-242. doi: DOI 10.1016/j.isprsjprs.2014.01.007
- Zhou, Qian-Yi, & Neumann, Ulrich. (2011). 2.5 D building modeling with topology control. Paper presented at the Computer Vision and Pattern Recognition (CVPR), 2011 IEEE Conference on.