

**The ISPRS working group III/4 "3D scene analysis" is glad to announce the release of two new datasets in the context of the ongoing benchmarking activities:**

- 2D semantic labeling: In continuation of the successful 2D labeling benchmark "Vaihingen" some new data is offered. Height models and true ortho-images with a ground sampling distance of 5cm have been prepared over the city of Potsdam/Germany, covering an area of 3.4km<sup>2</sup>. A reference for 6 classes has been created manually and will be (partly) released to participants. Please check <http://www2.isprs.org/commissions/comm3/wg4/2d-sem-label-potsdam.html> for more details
- 3D semantic labeling: The increasing availability of active sensing data, most of all from (airborne) LiDAR, asks for some efficient and automatic methods for scene interpretation. Hence, driven by the same motivation that lead to prepare the 2D labeling contest, the working group decided to define a 3D labeling dataset and contest as well. The airborne laser scanning data from Vaihingen are used in this context. In total, nine classes have been defined and each point in the dataset is labeled accordingly. Please check <http://www2.isprs.org/commissions/comm3/wg4/3d-semantic-labeling.html> for more details.

Researchers are invited to download the data and participate in these new benchmarks.

Important dates:

Your results are evaluated after submission in an ongoing process, and you are invited to write papers on the method, using the results obtained with the benchmark datasets. The aim of the working group chairs is to write a journal paper based on all submissions which were handed in by **July 1st, 2016**.

Focus of the mentioned overview paper will be on the 2D (Vaihingen/Potsdam) and 3D labeling (Vaihingen) benchmarks.

An additional possibility is to join the Geobia 2016 conference ([www.geobia2016.com](http://www.geobia2016.com)), which will take place in September 2016 in Enschede, The Netherlands. In this conference it is planned to have sessions dedicated to the benchmark. The deadline for submissions (abstract) is **March 1st, 2016**.

Please visit the working group homepage: for instance see results from the ongoing benchmarks at <http://www2.isprs.org/commissions/comm3/wg4/results.html>

If you have questions please do not hesitate to contact the working group officers.  
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