Group 97: Road Segmentation

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I. LITTERATURE REVIEW

A. Road Segmentation in Aerial Images by Exploiting Road Vector Data [1]

B. Morphological road segmentation in urban areas from high resolution satellite images [2]

C. Connected Component-Based Technique for Automatic Extraction of Road Centerline in High Resolution Satellite Images [3]

D. Machine Learning Based Road Detection from High Resolution Imagery [4]

REFERENCES

[1] J. Yuan and A. M. Cheriyadat, "Road segmentation in aerial images by exploiting road vector data," in *2013 Fourth International Conference on Computing for Geospatial Research and Application*, pp. 16–23, July 2013.

[2] R. Gaetano, J. Zerubia, G. Scarpa, and G. Poggi, "Morphological road segmentation in urban areas from high resolution satellite images," in *International Conference on Digital Signal Processing*, (Corfu, Greece), 2011.

[3] C. Sujatha and D. Selvathi, "Connected component-based technique for automatic extraction of road centerline in high resolution satellite images," *J Image Video Proc*, vol. 2015, no. 1, p. 8, 2015.

[4] Y. Lv, G. Wang, and X. Hu, "Machine Learning Based Road Detection from High Resolution Imagery," *ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, pp. 891–898, June 2016.