

Neuroinformatics and Cognitive Robotics Lab

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GAPs (German Asphalt Pavement Distress) Dataset Request

Name of Applicant

Affiliated Organization

Purpose of Using the Database

Address

Telephone

E-Mail

Terms and Conditions of Usage

The German Asphalt Pavement Distress Dataset is publicly available for academic use only. While every effort has been made to ensure the accuracy of this database, we cannot accept responsibility for errors or omissions. The academic use of this database is free of charge. Any commercial distribution or act related to the commercial usage of this database is strictly prohibited. The distribution of this database to any parties that have not read and agreed to the *terms and conditions of usage* is strictly prohibited. Neither TU Ilmenau, nor any third parties who may provide information to us for the dissemination purpose, shall have any responsibility for or be liable in respect of the content or the accuracy of the provided information, or for any errors or omissions therein. The TU Ilmenau reserves the right to revise, amend, alter or delete the information provided herein at any time, but shall not be responsible for or liable in respect of any such revisions, amendments, alterations or deletions.

Any publication using the segmentation subset (**GAPs 10m** – pixel-perfect segmentation masks) must cite this paper:

Stricker, R., Aganian, D., Sesselmann, M., Seichter, D., Engelhardt, M., Spielhofer, R., Hahn, M., Hautz, A., Debes, K., Gross, H.-M.
Road Surface Segmentation - Pixel-Perfect Distress and Object Detection for Road Assessment.
in: International Conference on Automation Science and Engineering (CASE), Lyon, France, pp. 1-8, IEEE 2021

Any publication using the extended version of the database (**GAPs v2** – different patch sizes, refined labels) must cite this paper:

Stricker, R., Eisenbach, M., Sesselmann, M., Debes, K., Gross, H.-M.
Improving Visual Road Condition Assessment by Extensive Experiments on the Extended GAPs Dataset.
in: Int. Joint Conf. on Neural Networks (IJCNN), Budapest, Hungary, pp. 1-8, IEEE 2019.

Any publication using the initial version of the database (patch size 64x64 only) must cite this paper:

Eisenbach, M., Stricker, R., Seichter, D., Amende, K., Debes, K., Sesselmann, M., Ebersbach, D., Stöckert, U., Gross, H.-M.
How to Get Pavement Distress Detection Ready for Deep Learning? A Systematic Approach.
in: Int. Joint Conf. on Neural Networks (IJCNN), Anchorage, USA, pp. 2039-2047, IEEE 2017.

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Date, Signature