

Multimodal Vision Research Laboratory

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view [additional datasets](#) released by my group.

Horizon Lines in the Wild

Dataset Description

A large dataset of images annotated with horizon lines.

Additional Resources

- inference example [github repo](#)
- inference using the [public API](#) on [algorithmia](#)
- If you want access to the HLW dataset, please [submit a request](#).

Dataset Citation

If you use the dataset, please cite the following publications:

 Workman S, Zhai M, Jacobs N. 2016. Horizon Lines in the Wild. In: *British Machine Vision Conference (BMVC)*.
[bibtex](#) | [paper](#) | [website](#) | [code](#)

Related Publication(s)

 Workman S, Zhai M, Jacobs N. 2016. Horizon Lines in the Wild. In: *British Machine Vision Conference (BMVC)*.
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 Zhai M, Workman S, Jacobs N. 2016. Detecting Vanishing Points using Global Image Context in a Non-Manhattan World. In: *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. DOI: 10.1109/CVPR.2016.610.
[bibtex](#) | [paper](#) | [doi](#) | [code](#)

 Workman S, Greenwell C, Zhai M, Baltenberger R, Jacobs N. 2015. DeepFocal: A Method for Direct Focal Length Estimation. In: *IEEE International Conference on Image Processing (ICIP)*. DOI: 10.1109/ICIP.2015.7351024.
[bibtex](#) | [paper](#) | [website](#) | [doi](#)

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