

Read the Guidance Note

bit.ly/mlfordrm



MACHINE LEARNING

for

DISASTER RISK MANAGEMENT

A guidance note on how machine learning can be used for disaster risk management, including key definitions, case studies, and practical considerations for implementation



Coming Soon! Open Cities AI Challenge

Global competition for the best AI solutions to map buildings for resilience in African cities & ideas for responsible AI use in disaster risk management

\$15k prize pool sponsored by [GFDRR Open Data for Resilience Initiative](#):

- Semantic Segmentation track: \$12k for top 3 open source AI solutions
- Responsible AI track: \$3k for top 3 ideas

Dataset featuring 10+ diverse cities/regions across Africa:

- 670k OpenStreetMap building footprints
- 377 km² of open drone imagery (3-20 cm/pixel resolution)
- Open data collected by Open Cities Africa, Dar Ramani Huria, Zanzibar Mapping Initiative, & related programs

Dec 2019 to Mar 2020 on drivendata.org/competitions

Pre-register at bit.ly/oca-challenge-signup

