

Become Part of dacl.ai!

Develop Machine Learning Models for Damage Recognition on Built Structures

1 Welcome

dacl.ai is a platform for enthusiasts in the field of damage recognition on built structures. We offer easy to access open-source datasets and pre-trained models. Results and models can be compared on the leaderboard and shared with the dacl community 🐾. Together, the crucial process of automated damage recognition will evolve faster.

2 How to participate?

- Getting started
 - Easy installation from PyPi
 - Download any open-source datasets
 - Use several pre-trained CNN models
- Fine-tune models or train models from scratch
- Submit the results
 - Submitted results will be publish on the dacl leaderboard
 - You can also open-source your model

3 Start now

Don't hesitate and scan the QR code from below to find further information and start training immediately to become part of the community!

Leaderboard

- The leaderboard displays the uploaded model performances filtered by dataset. The main metric is Exact Match Ratio (EMR).
- This is a minimalist version of the leaderboard, showing the basic structure for codebrim_balanced dataset:

MODEL	EMR
Your_model	??.??
Code_res_dacl	73.73
Code_mobile_dacl	69.46

Common Defects



Crack



Spalling, Exposed Reinf. and Rust



Cracks and Efflorescence



🔗 <https://dacl.ai>

🐦 @dacl_ai

