



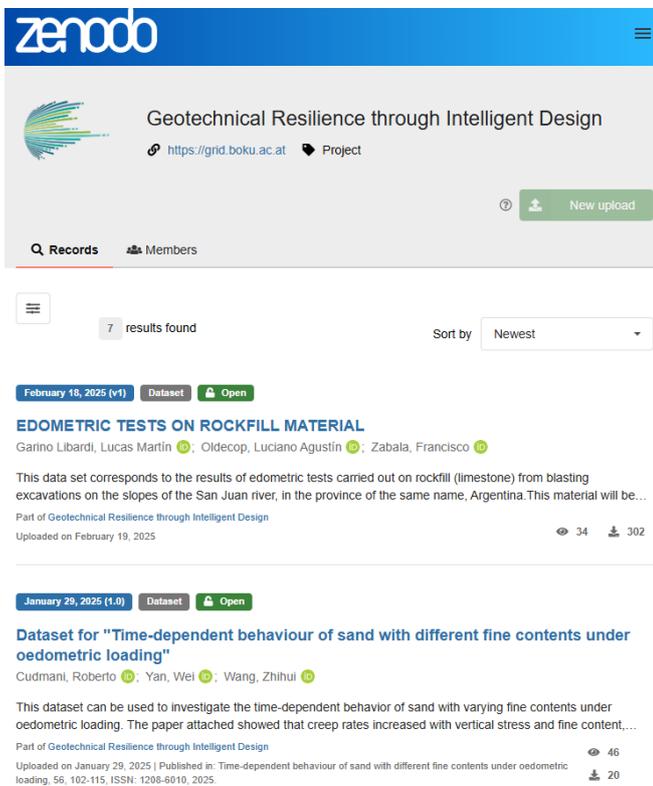
Newsletter Q2 2025

Data, Data, Data!

The heartbeat of innovation

GRID is on the brink of completing [Work Package 1](#), focusing on cutting-edge geotechnical datasets. Our consortium has successfully gathered seven new datasets, now available on [our Zenodo community](#). These datasets have already captured significant attention, with 514 views and 992 downloads!

Be part of the data revolution! [Explore our datasets](#), contribute your insights, and help us push the boundaries of geotechnical engineering. Your participation is crucial in driving forward innovation and excellence in our field.

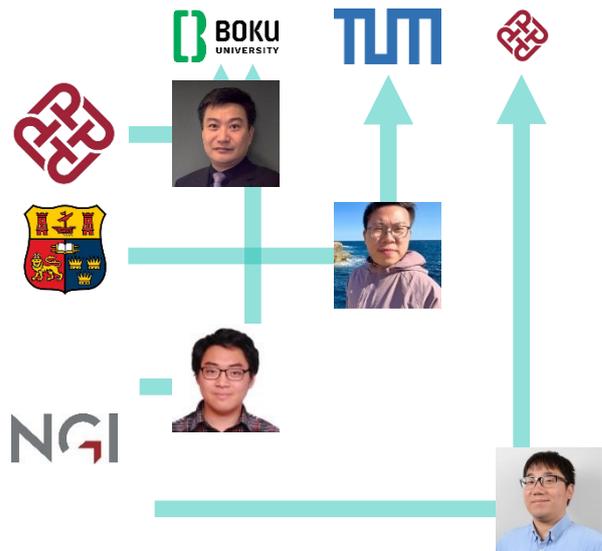


Screenshot of the [GRID project community on Zenodo](#)

GRID chronicles

Secondments: building bridges across institutions

Secondments are taking place at an increasing pace! [Zhenyu Yin](#) from [HP](#) went to [BOKU](#) for a week in March, [Chao Wang](#) from [UCC](#) went to [TUM](#) for three months. [Enok Cheon](#) ([NGI](#)) went to [BOKU](#) for two weeks and [Zhongqiang Liu](#) ([NGI](#)) went to [HP](#) for a week in April.



Overview of on-going and completed secondments in Q2

Deliverables and milestones ahead of the curve!

The guideline for the integration of machine learning in geotechnical engineering ([Deliverable D1.2](#)) was successfully submitted on March, 24 (6 days ahead of the deadline) and is currently available on the [project website](#).

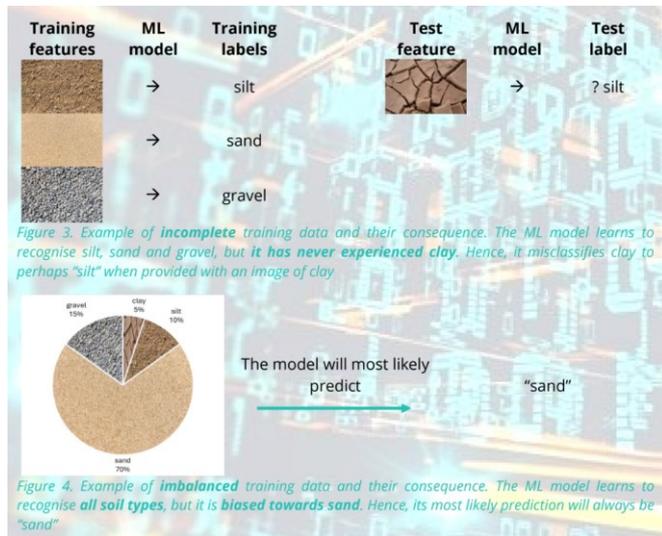
We are also thrilled to announce the early submission of our dissemination, exploitation, and communication plan (Deliverable 9.4) on April 22. Although the details are top





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secret, rest assured that we are on track! Additionally, our data management plan was successfully submitted on April 30.



Excerpt from [Deliverable D1.2: Unseen data \(top\) and imbalanced data \(bottom\)](#)

Deliverable alert: what's next?

Mark your calendars! The next deliverable, the progress report, is due on November 30. Following that, we will unveil a GenAI model for uncertainty management in geotechnics in April 2026. Stay tuned for groundbreaking advancements!

Upcoming events: meet GRID on tour!

Catch us at these prestigious events:

ISGSR2025 Oslo, Norway, 25–28
August 2025

Florence, Italy, 15–17
October 2025



6th ICITG

Graz, Austria, 13–16
October 2026

Inspiring young minds at Kinderuni!

This July, GRID will host a captivating class at the [children's university](#) (Kinderuni) in [BOKU](#), Vienna. Our mission: to ignite curiosity in 10-year-olds about geotechnics and AI during a fun and educational 2-hour session. Let's shape the future together!



Spreading knowledge: our latest publications

We are proud to announce the publication of two groundbreaking manuscripts:

1. [Soils and Foundations](#): Discover how a CNN can predict soil particle size distribution from smartphone images.
2. [Data in Brief](#): Explore a comprehensive dataset of dynamic probing heavy tests.

These papers have already garnered in total [136 reads on ResearchGate!](#) (24.04.25).



Soils and Foundations
Volume 65, Issue 1, February 2025, 101575



Technical Paper

Convolutional neural network prediction of the particle size distribution of soil from close-range images



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Data in Brief
Volume 59, April 2025, 111391



Data Article

Comprehensive dataset of dynamic probing heavy test results for subsurface characterization ☆

First two GRID project's publications

Engaging the Community

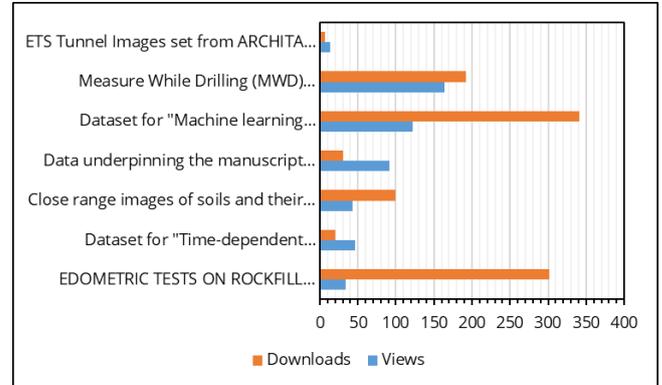
Our website is buzzing with activity! Thanks to [Google Analytics](#), we can see the geographical distribution of our active users. Plus, [our Zenodo community](#) datasets have been viewed 514 times and downloaded 992 times.

Website stats



Number of active users of website and their geographical distribution according to [Google Analytics](#)

Zenodo stats



Views and downloads of the [GRID data sets](#)

Unlocking Potential with EU Booster Support

GRID is thrilled to announce its successful application for EU [Booster](#) support, aimed at maximizing the impact of our research results. The EU [Booster](#) services provide expert and customized support, designed to elevate the added value of research and innovation. With their assistance, GRID is poised to transform groundbreaking research into real-world applications, driving forward progress in geotechnics and AI.



Get involved

Join us in our journey to revolutionize geotechnics and AI. Your involvement is the key to our success!

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- <https://github.com/GRID-Proj>