

PLAXIS 3D

Geotechnical 3D finite-element analysis

Product information for Sri Lanka and Maldives | 30 October 2026

PLAXIS 3D helps geotechnical engineers study stresses, ground deformation, stability and soil-structure interaction using three-dimensional modelling.

Common engineering uses

- **Foundations and excavations**

Model ground response around foundations, construction pits and supporting structures.

- **Tunnels and earthworks**

Evaluate staged construction, underground works and soil or rock behaviour.

- **Groundwater-related scenarios**

Assess geotechnical conditions where pore pressure and water levels influence results.

- **Model interoperability**

Work with geometry, borehole information and digital engineering workflows.

- **Automation**

Use compatible Python-based workflows for repetitive modelling and reporting tasks.

Bentley eStore and licensing information

Review the current PLAXIS 3D product and subscription options on Bentley's official product page. Commercial terms, availability and product features can change. Please confirm the latest details before purchase.

[VIEW CURRENT PLAXIS 3D DETAILS ON BENTLEY.COM](#)

Local enquiries

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