Abstract Title [max 75 characters]

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1 INTRODUCTION

This template presents the instructions to prepare the abstracts, which will be collected and distributed during the **Geotechniekdag 2024**.

The abstract should be formatted with page margins of 20 mm (left), 16 mm (right), 25 mm (top and bottom). The **maximum allowed size is 2 pages**.

The text should be divided in several sections, e.g. INTRODUCTION (e.g. description of the project and the problem definitin), METHODOLOGY / MODEL SETUP, RESULTS & DISCUSSION (e.g. the advantages and disadvantages of the chosen methodology) and CONCLUSION (including the description of the lessons learned). The title of each section should be in capital letters. Sections can be divided in sub-sections with subtitles. The text must be in a **single column format**. For the body, the text must be single-spaced and justified, using preferably Times new Roman font. It should be structured in paragraphs, new paragraphs begin indented without an empty line. The first paragraph after section heading is without indent. The paper can be written in English or Dutch.

2 METHODOLOGY

The methodology should be clearly stated and described briefly with references and / or equations. For a data-driven application, the source of the data and the processing method can be shortly discussed here. Equations should be marked with numbers at the right side, see equation (1):

$$ax + b = c \tag{1}$$

3 RESULTS & DISCUSSIONS

A caption must be provided for each table and figure. Figure captions should be below the figure and table captions above the table. All captions must be numbered (Tab. 1; Fig. 1). Figures may be provided in colour.

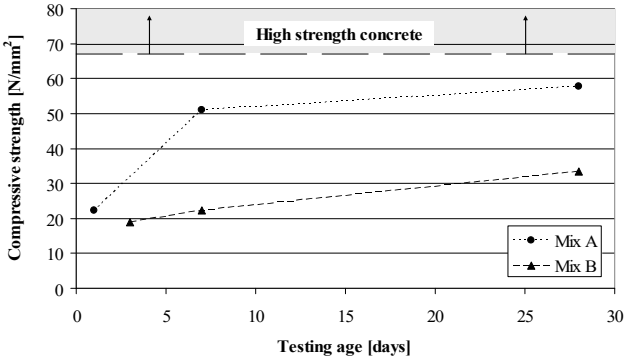

Figure 1: Figure caption

Table 1: Table caption

Table text					

4 CONCLUSIONS

References will appear at the end of the extended abstract. Citations are listed numerically following the appearance in the reference section. Example of a citation: [1, 2, 3].

REFERENCES

[1] Ma, G., Rezania, M., & Nezhad, M. M. (2022). Probabilistic post-failure analysis of landslides using stochastic material point method with non-stationary random fields. In 20th International Conference on Soil Mechanics and Geotechnical Engineering (ICSMGE 2022). Sydney.

[2] Huang, H., Li, Q., Zhang, D., (2018), Deep learning based image recognition for crack and leakage defects of metro shield tunnel. Tunnelling and underground space technology. 77: p. 166-176.

[3] Zhang, J.-Z., Zhang, D.-M., Huang, H.-W., Phoon, K.K., Tang, C., Li, G. (2021), Hybrid machine learning model with random field and limited CPT data to quantify horizontal scale of fluctuation of soil spatial variability. Acta Geotech. 17, 1129–1145

[4] Bishop, C.M. (2006), Pattern Recognition and Machine Learning. Springer, p. 1-738.