

TITLE OF THE PAPER (14 POINT, BOLD)

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Abstract: In this place there should be a summary typewritten in Times New Roman 12 points, line spacing 1.5, double-sided alignment. Abstract should not contain more than 100 words and should describe used methods and obtained results.

Keywords: 3-6 keywords written in 12 point font, aligned left.

1. Introduction

To write an article for publication, use Microsoft Word for Windows (Microsoft Office 95 or higher). The author should send the article (file *. doc, *. jpg graphics files / *. gif, tables and graphs separately *. doc / *. xls), by e-mail or post a CD with saved material. The document shall be prepared for monochromatic laser printing. The author should also provide two copies of one-sided printout of the article. Since the publishing of coloured drawings (graphs and photos) is possible only on the website of the magazine, additional version of the colourful illustrative material should be sent electronically.

The objectives of the work should also be stated in the introduction.

1.1. Page setup

Affiliation of authors shall be typed right under their names. If the authors are employed by one entity, a footnote should be placed by the last name, and the text of the footnote shall not repeat the name

and address of the institution. You must select the corresponding author and provide his e-mail address.

Here are the basic settings: Format: A4 (21 x 29.7 cm); article text style: standard, font: Times New Roman – 12 point, normal; alignment: double-sided, spacing: 1.5, the format of the paragraph: the second and subsequent paragraphs in the chapter or subchapter indentation – 0.5 cm, margins: left / right – 2.00 cm, upper – 2.00 cm, bottom – 2.50 cm; headline: 1.25 cm, footer: 1.25 cm. Content of headers and footers will be inserted by the editors. Given that the article will be formatted for printing by the editors, rigid line breaks, combining characters and the use of several spaces should be avoided.

2. Title of chapter

2.1. Title of section

Numbering styles more complex than X.X. (sections) should be avoided. Before and after each chapter title and section, place a single line spacing. Chapter titles: font Times New Roman – 12 point, bold. Section titles: Times New Roman – 12 point, italic.

2.2. Mathematical formulas

Formulas should be typed using *Microsoft Equation*, aligned to left and numbered independently of chapters. Font formats in the equations:

- mathematical symbols (e.g. sin, log) – a simple 10 point font;
- variables – italic font 10 points;
- indices (lower / upper) variables (e.g. \mathbf{ij} in σ_{ij}) – 8 point italic font;
- indices (lower / upper) constants (after the naming, i.e. $\mathbf{1}$ in $\sigma_{\mathbf{1}}$) – a simple 8 point font;
- indices (lower / upper) dependent variables and constants – as above, font – 6 points;
- vectors and matrices – a simple bold font – 10 pt.

Numbers of formulas typewritten in default font should be enclosed in parentheses on the right side of a given formula (after a single space). A single space should be applied between the main text and a formula as well as between two formulas directly one after another. Explanation of symbols used in the formula shall be typed under:

$$v = \kappa n_1^{n-1} (i - i_0) \quad (1)$$

where: κ is the permeability of the soil in the flow described by exponential dependence, i_0 and i_1 are certain hydraulic gradients, and n is the exponent (calculation parameter).

2.3. Figures and tables

Drawings (Fig.1), tables (Tab.1) should be placed in a vertical position, at the end of the article, each on a separate page. Captions with a single space, Times New Roman – 12 pt. Additionally, each figure and table should be attached to the article in a separate file clearly identified by name, e.g. Table 1.doc, Figure 1.jpg.

Figures should be clear, made of black lines on white background. Any descriptions in the drawing area, as far as possible, should be done with 9 point font. The thickness of the lines in tables should be 0.50 points. Rows and columns of tables shall be completed in Times New Roman – 9 pt, alignment – centred. It should be noted that the figures are called: diagrams, charts, photos.

SI units must be consistently applied in the article.

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References

Daniel D.E. (1997). Clay liners. In: *Geotechnical Practice for Waste Disposal*. Daniel D.E. (Ed.). Chapman & Hall, London.

- Hansbo S. (2001). Consolidation equation valid for both Darcian and non-Darcian flow. *Géotechnique*, Vol. 51, No. 1, 51-54.
- Hansbo S. (2003). Deviation from Darcy's law observed in one dimensional consolidation. *Géotechnique*, Vol. 53, No. 6, 601-605.
- Ewertowska-Madej Z. (1993a). Wykorzystanie popiołów lotnych do budowy warstw ochronnych pod składowiskami odpadów. *Gospodarka Wodna*, 10/1993, 230-232. (in Polish)
- Ewertowska-Madej Z. (1993b). Model test of pollution and liquid retaining process in a fly ash layer. In: *Proc. of the 4th Int. Sym. on the Reclamation, Treatment and Utilization of Coal Mining Wastes*, Kraków 1993, 229-238.
- Rowe R.K., Quigley R.M., Brachman R.W.I., Broker J.R. (2004). Barrier Systems for Waste Disposal Facilities. *Taylor & Francis Books Ltd.*, London.
- Stark T.D., Poeppel A.R. (1994). Landfill liner interface strength from torsional–ring–shear tests. *Journal of Geotechnical Engineering*, Vol. 120, No. 3, 597-615.
- Pat. USA 3 941 734 (1976).

List of the literature should be typed in Times New Roman – 12 pt, line spacing 1,5, alignment – double-sided, with 0.5 cm protrusion of the first line. Each entry should include the names of authors, year of publication, title of book, publisher or journal name, year, issue number and number of pages. In the list of references year of publication should be embedded in parentheses and placed after the name of author(s). In the case of several items by the same author published in the same year, the numbers should be supplemented successively with the letters of the alphabet.

The paper should include references to each of the items, as in the example below. If there are three or more authors of one item only the first one should be mentioned with a note "et al.". When there are two authors both names are mentioned together with the conjunction "and."

Sample citation:

- Hansbo (2001, 2003) describes that the water flow velocity v , created by hydraulic gradient, may differ from the Darcy linear law.
- These values are depend on the thickness and density of examined layer (Ewertowska-Madej, 1993a, 1993b).
- They consist of layers of specifically built-in cohesive soils, [...] and of synthetic geomembranes (Daniel, 1997, Rowe et al., 2004).

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- Shear displacement [...] is a typical displacement required to mobilize the interface residual strength in studies with ring shear apparatus (Stark and Poeppel, 1994).

In the case of literature appearing in Russian or Ukrainian transliteration should be used (including the names found in the text).

TITLE IN ENGLISH

Abstract: This is the place for a summary in English – Times New Roman, 12 point, double-sided alignment. Abstract in English must contain from 100 to 200 words. Purpose of research, used methods and obtained results should be written here.

Acknowledgments (12 points) should be at the end of the article, e.g. "The work has been accomplished at Bialystok University of Technology as part of the research project financed by the Ministry of Science and Higher Education in the years 2007–2010. "