

**Edyta Ewa Malinowska**

**PhD Eng.**



## **Contact**

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## **Education**

- PhD Eng. - Warsaw University of Life Sciences, geotechnics, 2005
- Master Eng. - Warsaw University of Life Sciences, environmental protection, 2001.

## **Didactics**

- [Road Construction](#)
- [Soil Mechanics](#)
- [Soil Mechanics and Geotechnics](#)
- [Soil and Rocks Mechanics](#)

## **Fields of Research**

- Geotechnics of Soft Soils
- Characteristics on Soft Problematic Soils
- Laboratory Investigation on Soft Problematic Soils
- Flow Characteristics In Soft Problematic Soils

## **List of Publications**

**MALINOWSKA E.** 2012: Determination of the coefficient of consolidation in soft organic soils using ACONS. Annals of Warsaw University of Life Sciences – SGGW, 2012, No. 44 (2), pp. 133-142.

**MALINOWSKA E.** 2011: Flow-pump technique as a constant velocity method of flow measurement in soft organic soils. Electronic Journal of Polish Agricultural Universities, Civil Engineering Vol. 14, Issue 4, #06.

**MALINOWSKA E., SZYMAŃSKI A., SAS W.** 2011: Estimation of flow characteristics in peat. ASTM Inter. Geotechnical Testing Journal, Vol. **34**, No. 3, pp. 250-254.

**SZYMAŃSKI A., SAS W., NIESIOŁOWSKA A., MALINOWSKA E.** 2009: Deformation behavior of organic subsoil on the basis of field and laboratory tests. EJPAU, 2009 Vol.12/1.

**MALINOWSKA E.**, SAS W., SZYMAŃSKI A. 2008: The uncertainty of the water flow velocity data obtained in the laboratory test. *Annals of Warsaw University of Life Sciences, SGGW. Land Reclamation* 2008, nr 40, s. 77-86.

**MALINOWSKA E.**, SAS W., SZYMAŃSKI A. 2007: Nonlinear water flow characteristics describing soil consolidation. *Electronic Journal of Polish Agricultural Universities, Civil Engineering* Vol. 10, nr 4 # 41.

*Conferences:*

YENKEBAYEV S., ZHUSSUPEKOV A., MATSUMOTO T., LUKPANOV R., SEIDMAROVA T., ZHUSSUPEKOV A., STRNISHA G., **MALINOWSKA E.**, UTEPOV Y., SAPARBEK Y. 2012: Correlation of static load test results and pile driving formula: Cases in Astana, the capital of Kazakhstan. *Proceedings of the 9<sup>th</sup> International Conference on Testing and Design Methods for Deep Foundations*, Kanazawa, Japan. Published by Kanazawa e-Publishing Co. Ltd. ISBN978-4-89010-597-7, pp. 199-207.

SAS W., SZYMAŃSKI A., **MALINOWSKA E.**, NIESIOŁOWSKA A., GABRYŚ K. 2011: Analysis of deformation course in problematic soils under embankment. *Geotechnics of Hard Soils - Weak Rocks. Part 1* / ed. by Andreas Anagnostopoulos, Michael Pachakis, Christos Tsatsanifos. - IOS Press & Millpress pp. 1199-1204.

SAS W., SZYMAŃSKI A., **MALINOWSKA E.**, NIESIOŁOWSKA A. 2010: Analysis of deformation course of soft soils in earth structures construction. *Geotechnical challenges in megacities : proceedings of the International Geotechnical Conference : 7-10 June 2010, Moscow, Russia* Vol. 2 / ed. by V.P. Petrukhin, V.M. Ulitsky, I.V. Kolybin, M.B. Lisyuk, M.L. Kholmyansky. Moscow, 2010. s. 525-530

SAS W., SZYMAŃSKI A., **MALINOWSKA E.**, NIESIOŁOWSKA A. 2010: Physical and mechanical properties of problematic soils in Poland. *From research to design in European practice : Bratislava, Slovakia, 2nd June - 4th June 2010 [Dokument elektroniczny]*. Bratislava: Slovak University of Technology, 2010. s. 112-120.

SZYMAŃSKI A., SAS W., NIESIOŁOWSKA A., **MALINOWSKA E.** 2008: The factors which determine the soft subsoil deformations. *Development of Urban Areas and Geotechnical Engineering: proceedings of the International geotechnical conference: Saint Petersburg, 16-19 June 2008*. Vol. 2 /ed. by prof. V. M. Ulitsky. Saint Petersburg: [NPO "Georeconstruction-Fundamentproject"], 2008. s. 473-478.

SAS W., **MALINOWSKA E.**, SZYMAŃSKI A. 2008: Reliability estimation of flow characteristics obtained in laboratory tests. *The 12th International Conference of International Association for Computer Methods and Advances in Geomechanics (IACMAG): 1-6 October, 2008. Goa, 2008. Geomechanics in the Emerging Social & Technological Age*, Published by: X-CD Technologies Inc. ed. by M.N. Jadhav, s. 1486-1492.

SZYMAŃSKI A., SAS W., DROŻDŻ A., **MALINOWSKA E.** 2006: Field and laboratory experience with the soft subsoil improvement, *Proceeding of the First Euro Mediterranean Symposium on Advances in Geomaterials and Structure – Hammamet Tunisia*. pp. 209-214.

SZYMAŃSKI A., SAS W., DROŻDŻ A., **MALINOWSKA E.** 2006: The factors determining consolidation performance in prediction of soft subsoil improvement. *XIII Danube-European Conference on Geotechnical Engineering, Ljubljana, Proc. of the 13th Danube-European Conference on Geotechnical Engineering*, s.131-136.

SAS W., **MALINOWSKA E.** 2006: Surcharging as a method of road embankment construction on organic soils. *The 10th IAEG Congress, Nottingham 2006*.

SZYMAŃSKI A., SAS W., DROŻDŻ A., **MALINOWSKA E.** 2005: Field and laboratory experience with the construction of embankments on organic soils. Proceedings of 2<sup>nd</sup> International Conference on Problematic Soils. Eastern Mediterranean University Press, Famagusta, N. Cyprus, vol. 2, s. 747-755

**MALINOWSKA E.** 2012: (review) Analysis of different equations of undrained shear strength estimations using Atterberg Limits on Pontianak Soft Clay. Autor: Slamet Widodo1, Abdelazim Ibrahim, Shen Hong. Młodzi naukowcy wobec wyzwań współczesnej techniki 17–20 września 2012 Challenges of Modern Technology, 2012

## **Membership**

Member, International Committee, Warsaw University of Life Sciences – SGGW, Faculty of Civil and Environmental Engineering (2012-2016).

Member, PKG- Polish Geotechnical Committee.

Member, ISSMGE- International Society of Soil Mechanics and Geotechnical Engineering.

Coordinator Task 1, Public Relations Committee, ISSMGE.

## **Other activities**

Scholar Visitor, Columbia University, Department of Civil Engineering and Engineering Mechanics, New York, USA (2013).

Coordinator, 22 diploma thesis.