



Fig. 3 Distribution of wind pressure on cylindrical tanks (left) and equivalent uniform pressure (right)

Professor Chrysanthos Maraveas

From: Maraveas, C, Balokas, G and Tsavdaridis, KD, "Numerical Evaluation on Shell Buckling of Empty Thin-Walled Steel Tanks Under Wind Load According to Current American and European Design Codes". Thin-Walled Structures, 95. 152 - 160. October 2015

See:

https://www.researchgate.net/profile/Chrysanthos_Maraveas

<http://membership.sciencepublishinggroup.com/maraveas>

<https://scholar.google.co.uk/citations?user=ZZutsycAAAAJ&hl=en>

<https://gr.linkedin.com/in/chrysanthosmaraveas>

School of Mechanical, Aerospace and Civil Engineering
The University of Manchester, UK

Education:

From 2010 to 2015, PhD in Civil Engineering- University of Manchester , UK

From 1997 to 1996, MSc Earthquake Engineering and Structural Dynamics - Imperial College , UK

From 1996 to 1995, MSc Finite Elements - Swansea University , UK

From 1995 to 1990, Diploma of Civil Engineering - D.Univ. of Thrace , Greece

Other Experience:

From 2007 to today, Technical Director and Owner , C. MARAVEAS PARTNERSHIP - CONSULTING ENGINEERS

From 1997 to 2007, Structural Engineer , C. MARAVEAS PARTNERSHIP

Selected Publications:

Maraveas, C, Balokas, G and Tsavdaridis, KD, "Numerical Evaluation on Shell Buckling of Empty Thin-Walled Steel Tanks Under Wind Load According to Current American and European Design Codes". Thin-Walled Structures, 95. 152 - 160. October 2015, DOI: [10.1016/j.tws.2015.07.007](https://doi.org/10.1016/j.tws.2015.07.007)

Chrysanthos Maraveas, "Thermal buckling analysis of thin-walled steel oil tanks exposed to an adjacent fire", 23rd Australasian Conference on the Mechanics of Structures and Materials (ACMSM23), Byron Bay, Australia, 9-12 December 2014, S.T. Smith (Ed.)

Maraveas C, Miamis K. Shell buckling evaluation of thin-walled steel tanks filled at low liquid level according to current design codes. Proceedings of the Annual Stability Conference by Structural Stability Research Council, Missouri, U.S.A; 2013.

Maraveas C., "Analysis and structural behavior of cylindrical steel tanks under seismic effects." 12th International Conference on Metal Structures, Wrocław, Poland 476-485, 2011