Publications of D.V. Griffiths

Journal Publications


1 Awarded the George Stephenson Medal for 1993 by the Institution of Civil Engineers, London, England


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2 Awarded the Thomas C. Keefer Medal for 2011 by the Canadian Society for Civil Engineering


3Computers and Geotechnics, 2016 Outstanding Paper Award


Textbooks


**Chapters in Textbooks**


Edited Journal Issues, Books and Conference Proceedings


Conference Publications


Prevost, J.H. and Griffiths, D.V. “Parameter identification and implementation of a kinematic plasticity model for frictional soils.”


[205] Griffiths, D.V. and Fenton, G.A. “Observations on two- and three-
dimensional seepage through a spatially random soil.” Proceedings of
the ICASP 7 conference, Applications of Statistics and Probability,

[206] Paice, G.M. and Griffiths, D.V. “Estimation of seepage through
spatially random soil by equivalent rectangles.” Proceedings of Numer-
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[207] Lane, P.A. and Griffiths, D.V. “Finite element analysis of the ef-
effect of drainage conditions on the in-situ vane test.” Proceedings of Numer-

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analysis of foundation settlement.” Proceedings of Uncertainty 96, Uncertainty in the Geological Environment: From Theory to Practice,

performance of Willow Creek Dam.” Proceedings of the International
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[211] Griffiths, D.V. and Lane, P.A. “Slope stability analysis by finite
elements.” Joint ASME/ASCE/SES Meeting, McNU ’97, Northwestern
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[212] Lane, P.A. and Griffiths, D.V. “Finite element slope stability anal-
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[249] Griffiths, D.V. and Huang, J. “Development of efficient finite element software.” Proceedings of the 8th International Congress on Nu-


[262] **Fenton, G.A., Zhang, X. and Griffiths, D.V.** “Load and resistance factor design of strip footings.” In: *Geosustainability and Geohazard Mitigation*


[284] Ben-Hassine, J. and Griffiths, D.V. “Reliability based design of shallow foundations subjected to combined loading with application


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4Inaugural ISSMGE Suzanne Lacasse Lecture


Youn, D.-J. and Griffiths, D.V. “A model for numerical analysis of pressure leak-off response during hydraulic fracturing within naturally


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Yang, Huang and Griffiths To appear in the 7th ISGSR, Taipei, Taiwan, (2019).


Other Published Material

Griffiths, D.V. “Goodbye Apollo.” California Engineer, vol.53, no.4, pp.32-33, (1975)


