

5. Publication list 2011

TNO Earth, Environmental and Life Sciences

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Wassing B.B.T., Orlic B., Leeuwenburgh O., Geel C.R. (2011). 3D geomechanical modelling of fault stability in the Bergermeer field during underground gas storage operations. TNO report TNO-060-UT-2011-01388/C (confidential report).

Orlic B., Ter Heege J. (2011). Reservoir-caprock-overburden deformation and effects on caprock integrity. CATO-2 Deliverable WP3.03-D10 (confidential report).

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Van Overbeek A.B.M., Noordijk L., Burggraaf H.G., Stadsbrug Nijmegen - Eenvoudige berekening van temperatuursverdeling in vork en tuien bij 100 MW vrachtwagenbrand, TNO-060-DTM-2010-03799, TNO, Delft, January 2011 (Confidential report).

Borsje H., Burggraaf H.G., Hartog J., Onderzoek naar de oorzaak van het ongeval op de B-toren te Rotterdam - Deelrapport D: Constructieve beoordeling van de ondersteuningsconstructie, TNO-060-DTM-2011-01870, TNO, Delft, June 2011.

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Koopman A., Galanti F.M.B, Burggraaf H.G., Spoor door Goes: studie naar effectiviteit van een betonnen spoorbak op maaiveld als trillingsreducerende maatregel, TNO-060-DTM-2011-02597, TNO, Delft, December 2011.

TNO DIANA BV

Rahman T., Jansen E. and Gürdal Z. Dynamic buckling analysis of composite cylindrical shells using a finite element based perturbation method. *Nonlinear Dynamics*, 66(3), 389-401. (2011).

Rahman T., Jansen E.L., Tiso P. A Finite element-based perturbation method for nonlinear free vibration analysis of composite cylindrical shells. *International Journal of Structural Stability and Dynamics*, Vol. 11, No. 3 (2011) 1_18.

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Zandi Hanjari, K., Lundgren, K., Plos, M., Gylltoft, K. Corroded reinforced concrete structures: effects of high corrosion and corroded stirrups, *Proceeding of XXI Nordic Concrete Research Symposium*, ISBN/ISSN: 978-82-8208-025-5 / 0800-6377, number 43, 2011, p. 179-182.

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Jan G. Rots, Max A.N. Hendriks, "Sequentially linear versus nonlinear analysis of rc structures", *Proceedings of the International Conference on Recent Advances in Nonlinear Models - Structural Concrete Applications CoRAN 2011*, H. Barros, R. Faria, C. Pina and C. Ferreira (Eds), Coimbra, 24-25 November 2011, pp 91-100.

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L.J. van der Meer, D.R.W. Martens, A.T. Vermeltoort (2011). Finite element modelling of unreinforced and post-tensioned shear wall assemblies. In: Proceedings of the 9th Australasian Masonry Conference, Queenstown, New Zealand, 15-18 February 2011, ISBN 978-0-473-18069-0, pp 135-144.

Rijkswaterstaat, Delft University of Technology and TNO

Raphael D.J.M. Steenbergen, Ane de Boer, Cornelis van der Veen, "Safety assessment of existing concrete slab bridges for shear capacity", ICASP 2011, Zurich, Zwitserland

Rijkswaterstaat, Delft University of Technology, University of Parma

Ane de Boer, Beatrice Belletti, Max Hendriks, "NL-FEA Guideline for concrete girder analysis", NAFEMS World Congress 2011, Boston, USA, 2011

Rijkswaterstaat, Delft University of Technology

Ane de Boer, Joop den Uijl, Max Hendriks, "NL-FEA Guideline for concrete girder analysis", Nordic Seminar Gothenborg Sweden Nov 2011

ir. Joost Kooiman, dr.ir. C. van der Veen, dr.ir. Ane de Boer, "Herberekening voorgespannen massieve plaatbrug", Cement 2011/3

Rijkswaterstaat

Ane de Boer, "Strengthening large concrete box-girder bridge on shear", Friedberg, Hessen, Germany

Ane de Boer, "Method CRIAM", Concrete Repair event, Assen Nov 2011