

Curriculum Vitae

A. Composition

Personal Details

Full Name: A. Frits van Tol
Date of Birth: 9 March 1950
Place of Birth: Ede
Nationality: Dutch
Language: English, Spanish and French: fluently
German: moderate

Education

1967 - 1974 Delft University of Technology, MSc Civil Engineering

Previous and Present Employment

Professional

2016 – present Geotechnical consultant
2003 – 2015 Deltares (GeoDelft up to 2008)
- Member of Scientific Board
1975 – 2003 Rotterdam Public Works
-1975 – 1986 - Geotechnical Consultant
-1986 – 1997 - Manager of Geotechnical and Environmental Engineering Department
-1997 – 2003 - Consulting Geotechnical Engineer

Academia

1993 – 2015 Professor of Foundation Engineering, Delft University of Technology
-2006 – 2009 - Head of Section Geo-Engineering, Delft University of Technology

Memberships in Professional and Honorary Societies

Present

- Member of Committee on subsidence of Groningen due to Gas Extraction
- Arbitrator of Arbitration Council of the Netherlands
- Arbitrator of NAI, National Arbitration Institute
- Member of TC212 on Deep Foundations
- Member of ETC3 on Deep Foundations
- Chairmen of Executive Board of the Geo-impulse program
- Dutch Royal Society of Engineers
- International Society of Soil Mechanics and Geotechnical Engineering
- Deutschen Gesellschaft für Geotechnik

Past

- Dutch Standardization Institute (NEN), Chairman of Geotechnical

- Chairmen of CUR Committee on Rapid Pile Load Testing
- Member of CUR-committee on Axially Loaded Piles
- Member of CUR-committee on Diaphragm-walls
- Centre for Underground Constructions (COB)
Member of Scientific Advisory Board
- Member of the Board of CUR
- Chairman Board of Experts on Geotechnics, KIWA
- Member of TC 36 Foundation in difficult soils
- Mentor of CUR Committee on assessment of parameters
- Comité Européen de Normalisation
TC250/SC7/PT1 and TC250/SC3/PT5
- Chairman of CUR Committee on Tubular Piles
- Chairman of CUR committee on Tensile Piles
- Chairman of CUR Committee on Sheet Pile Field Test Rotterdam

Major projects (as geotechnical consultant)

2003 – 2014	North South Subway line Amsterdam
2005 – 2009	Deep Excavation for A-theater Middelburg
1999 – 2007	Light-rail project, Shield tunnel and Stations in Rotterdam
1998 – 2003	Tram tunnel in the city of The Hague
1996 – 2001	Land reclamation project “Maasvlakte 2”
1986 – 1993	Railway tunnel in the city of Rotterdam,
1983 – 1986	Disposal site for Dredging Sludge, “Slufter”
1983 – 1997	Construction of several Quay walls
1983 – 1985	Extension of North –South subway line in Rotterdam, to Spijkenisse,
1981 – 1986	Subway in the city of Rotterdam, Centre - West line,
1978 – 1986	Quality Assessment and Strengthening of existing Foundations
1975 – 1981	Subway in the city of Rotterdam, Centre - East line

Consulting (second opinions, design reviews, expert)

2015 – 2016	Review Reconstruction Wilhelminakanaal Tilburg
2015 – 2016	Experts in ZuidasDok A10 Amsterdam
2015 – date	Second opinion Aquaduct Muiden, Motorway A6-A9
2013 – date	Consultant for Uni-Invest for D-walls in Kortrijk
2014 – date	Second opinion Excavation Vonk & Vlam Den Bosch
2014 – 2015	Expert, second opinion, Zuidas Dok
2013 – 2014	Expert Apartment building Tilburg
2013 – 2014	Dike reinforcement Ammerstol
2013 – date	Expertteam A4, tunnel Midden Delfland
2012 – date	Expert for New Lock IJmuiden, RWS
2012 – 2014	Wetenschappelijke Begeleidings Commissie Horstermeerpolder
2012	Various short consults for TCCB on mining related damage
2011	Collapse of Shopping mall Heerlen, second opinion
2010	Vlaketunnel, uplift of section 9, consult on temporary and final measures
2010 – 2015	Member of Advisory Board of Sluiskiltunnel
2010 – 2015	Expert team A2 Maastricht
2010 – 2011	Experts opinion Zwabberwand, Oost-Watergraafsmeer Amsterdam

2010 – 2011	Experts opinion Vibro-piles, Amsterdam, DHV & NZ-lijn
2010	Experts opinion Wind turbine foundations, DHV
2010 – 2011	Design review “Herinrichting Gedempte Gracht”, Gemeente Zaanstad
2012 – 2015	Review Railway Tunnel Delft for Prorail
2009 – 2010	Review Underground Parking Kruisplein, Rotterdam Public Works, D-walls and building impact
2009 – 2012	Review Railway Tunnel Delft for Combinatie CrommeLijn VOF
2008 – 2014	North-Southline Amsterdam, geotechnical risk management
2008 – 2011	Expert opinion Damsterdiep Groningen, deep excavation
2008	Expert opinion stability of slurry trenches near railway, Almelo
2008	Expert opinion Settlements of Wilhelminastraat, Gemeente Zaanstad
2007	Design review, Cofferdam, Suriname, VWS
2006 – 2009	Expert opinion responsibility sharing A-Theater, Middelburg
2006	Collapse of Monumental Building in Oosterhout
2005 – 2009	Second opinion For Museum park Building pit, Rotterdam
2005 – 2006	Review of Risk assessment Hubertus tunnel Den Haag
2005 – 2007	Expert Tweede Coentunnel,
2005 – 2007	Randstad Rail, Sec Opinions for Rotterdam Public Works
2005 – 2007	Second opinion and consultant for A-Theater, Middelburg
2005	Second opinion Collapse Metro IV, Shanghai
2004 – 2006	Second opinion Ballast Nedam for collapse of Combi-wall IJmuiden
2004 – 2005	Second opinion Vlietland Ziekenhuis, Schiedam
2004	Second opinion Tweede Botlek tunnel
2004	Second opinion Reconstruction Metro Station Rotterdam CS
2004	Second opinion VWS, bottom heave harbour Hollandse hout
2003	Mediator in geotechnical conflicts
2003	Westergouwe, member of advisory board and experts teams
2003	Second opinion EZH, for settlements of fly ash silos
2000 – 2002	Railway Cargo Line Member Expert Council Tunnel Zevenaar
2000 – 2004	Expert opinion for the Assurance Companies regarding coverage of the MS Estonia
2002 – 2003	Second opinion for driving problems prefab piles at Caland tunnel
2002 – 2003	Second opinion building pit for Parking garage Utrecht
1995 – date	Expert in app. 75 procedures for Court of Arbitration for the Construction Industry (Raad van Arbitrage voor de Bouw)
1995 – date	Expert in numerous cases for Courts of Justice
2002 – 2006	Westerscheldetunnel, expert in procedure concerning TBM deformation
1999	Second opinion building pit for Parking garage Delft
1999 – 2001	Railway Cargo line Member Expert Council Sophiatunnel
1998	Second opinion building pit for Rijksarchief Middelburg
1998	Second opinion River barrier Kampen
1998 – 2003	High Speed Railway–South, - Second opinion test-site soil improvement, - Design review Foundation of Bridge Piers for Hollands Diep - Design review of geotechnical aspects of HSL ZH-midden - Second opinion foundation Submerged tunnels HSL
1997	Expert report building pit for Parking garage Alkmaar
1996 – 2001	Audit committee North-South subway line Amsterdam
1997	Second opinion Naviduct Krabbersgat
1995	Review geotechnical aspects shield tunnel Heinenoord
1994	Verification of foundation of the storm surge barrier Maeslantkering in the Nieuwe Waterweg

B. Lecturing

Academia

CT 2330 (4 ects) Principles of Foundation Engineering,
CT 4363 (3 ects) Foundations and Deep Excavations
CIE 4362 (3 ects) Soil Structure Interaction
CIE 4390 (3 ects) Geotechnical Risk Management (coördinatie)

MSc-students:

Supervision of app. 150 M.Sc.students

Professional

2010 International course: “State of the Art Design of Pile Foundation”,
Co-course leader with Prof Marc Randolph and lecturer

1993 – 2010 Post Doctoral Courses:
Course leader and lecturer
. New Developments in Geotechnics,
. Tensile Piles,
. Advanced modeling of retaining structures,
. Pile Foundations
. Improvement of Existing Foundations
. Introduction of Eurocode 7
Lecturer
. Building pits and retaining structures
. Structural Safety, learning from collapses
. Ground Improvements

1992 – 1993 Course leader and lecturer
Dutch Standardisation Institute NNI, Course on the introduction of the
Dutch Geotechnical codes

1984 – 1986 Post Doctoral Courses, Building pits, Foundation Improvement

C. Research

Research fields

2009 – date	Dewatering of Muds, Slurries and Fine Tailings - enhanced dewatering of fine oil sand tailings (Yao) - lifting lowlands (Tollenaar)
2002 – date	Pile Foundations - Modelling of Pile installation (Dijkstra, Engin, Beijers-Lundberg, Phuong) - Rapid Pile load testing (N.Q. Huy, Nguyen Chi) - Piled Embankments (van Eekelen)
2006 – date	Data Model Integration - Application of Artificial Intelligence to experience data (Mens) - Early design support systems (van der Meij)
1995 – date	Deep excavations - Reliability of Diaphragm walls (Spruit, Van Dalen) - Interaction with the build environment - Appraisal and management of geotechnical risk (Jimmy Avendano, Ibsen Chivata Cardenas, TU-Twente) - Feasibility of Press-in Techniques - Impact of vibratory installation and extraction of Sheet Piles (Meijers) - Steel Sheet Piles, plastic design and oblique bending, Rotterdam Field test (Kort)
1997 – 2010	Ground Improvement - Compensation grouting (Bezuijen) - Grouting near piles (van der Stoel) - Bio-sealing, bio-grouting
1996 – 2001	Shield tunnelling, Front stability, horizontal penetration testing (Broere)

Awarded Research Projects

2011 – 2015 **STW-project in program BioGeoCivil**

Lift up Lowlands, Upgrading of natural materials and methods for sustainable lift up of low lying polder areas.

Total projects costs EUR 882,000

Responsibility: Co-supervisor of 1 PhD

2010 – 2015 **Geo-Impuls program**

Geo-Impuls, reduction of failure costs in Underground Construction

12 projects, financed by Dutch Clients, Consultants, Contractors and Research Institutes, focus on contracts, communication, acquisition and dissemination of knowledge. Total project costs: EUR 6,400,000. TU-Delft (~10%)

TU-Delft is involved in the development of reliable detection methods for in-situ techniques, in interpretation of geophysical methods and in improvements of geotechnical education of professional

Responsibility: Chairmen of Executive Board, supervisor of 1 PhD

2009 – 2010 **Venture, Oil Platform**

Second opinion about design of offshore platform
Contribution to Geo-Engineering EUR 30,000

2009 – 2014 **Shell project on dewatering of fine oil sand tailings**

Stage 1. Game changer project (Shell global solutions)
Project costs: EUR 81,000
Stage 2 + 3: EUR 65,000 (Shell Canada)
Responsibility: Project leader and supervisor of 1 PhD

2009 – 2011 **Marie Curie project Geo-Install**

Modeling the installation effect of geotechnical techniques
Secondments and Post doc
Total project costs EUR 201,843 (TU-Delft)
Responsibility: Scientist in Charge

2008 – 2014 **STW-project on the installation effects of driven piles**

Experimental and numerical research of pile installation; 2 PhD's, 1 Post Doc
Total project costs EUR 724,668
Responsibility: Project leader and Supervisor of 2 PhD's

2008 – 2011 **International Press-In Association** projects

Research projects on the modelling of press-in techniques, Second and Third
Research Grant
Project costs: US\$ 25,000
Responsibility: Project leader

2007 – 2008 **Shell (SIEP). Project Artic Tunneling**

Study into feasibility of fast tunneling under Beaufort Sea
Total project costs EUR 100,000
Responsibility: Project leader

2004 – 2010 **Delft Cluster 2**

Workpackage 01.30 New perspective for foundations,
- Rapid Pile Load Testing,
Drafting of Eurocode on rapid pile load testing, International guideline for
interpretation of rapid load tests, centrifuge testing, field test;
- Laterally loaded piles
- Axially loaded piles and installation effects of driven piles
Photo-elastic and centrifuge testing into installation effects of piles, numerical
modelling; CUR-committee on Axial pile capacity.
Total project costs EUR 851,839 (TU-Delft)
Responsibility: Project leader and Supervisor of 2 PhD's

2004 – 2010 **Delft Cluster 2**

Work Package 01.10 Risk management excavations
- Compensation grouting
PhD-study into theory of compensation grouting
- Application of Artificial Intelligence Techniques to analyse Experience data-
base Geobrain
- Early decision support systems in geotechnical engineering

Total project costs EUR 729,000 (TU-Delft contribution)

Responsibility: Supervisor of 3 PhD's

2000 – 2005 **Delft Cluster 1**

Settlements during vibratory sheet piling, Modelling of settlement during vibratory sheet piling; Sheet Pile Field Test

Results: new model;

Responsibility: Supervisor of 1 PhD

1997 – 2002 **STW-project Steel Sheet Pile Walls in Soft Soil**

Research into Plastic design and oblique bending of Steel sheet pile walls; sheet pile wall field test for drafting of Eurocode 3, part 5

Funding: STW for PhD-project; Arbed, Hoesch, British Steel (Corus) and Foundation Sector (NVAF) for field test

Total project costs NLG 1,000,000;

Responsibility: Project leader and Supervisor of 1 PhD

1997 – 2001 **Commission Beek project,**

Grouting for Pile foundation improvement. Research into feasibility of grouting near deep foundations. Full Scale Injection Test.

Total project costs: TU-Delft NLG 200,000

Responsibility: Supervisor of 1 PhD

1996 – 2001 **COB,**

Tunnel Face Stability and New CPT Applications

Experimental research

Responsibility: Supervisor of 1 PhD

Ph.D. Supervision

Completed

1. W. Broere, 2001, Tunnel Face Stability and New CPT Applications
2. A.E.C v.d. Stoel, 2001, Grouting for Pile foundation improvement
3. D.A. Kort, 2002, Steel Sheet Pile Walls in Soft Soil
4. P. Meijers, 2007, Settlements during vibratory sheet piling
5. N.Q. Huy, 2008, Rapid load testing of piles in sand: effect of loading rate and excess pore pressure
6. J. Dijkstra, 2009, On the modelling of pile installation
7. A. Bezuijen 2010, Compensation Grouting in Sand: Experiments, Field Experiences and Mechanisms
8. Ibsen Chivata Cardenas 2012, "Integrating knowledge for managing risk in infrastructure projects: the case of tunnel works". (TU-Twente, co-promoter)

9. H.K. Engin, (2013) Installation Effects of Driven Piles, a numerical simulation
10. A. Beijer Lunberg, (2015) Experimental Modelling of Installation Effects of Driven Piles
11. S. van Eekelen, (2015) Basal Reinforced Piled Embankments
12. R. Spruit, (2015) Reliability of Diaphragm-walls
13. Y. Yao, (2016) Enhanced Dewatering of Fine Oil sand Tailings

In progress

14. Chi Nguyen Thanh, Rapid Load Testing of Piles in Sand (expected year of completion 2017)
15. T.V. (Phuong) Nguyen, Numerical Modelling of Installation Driven Piles (expected year of completion 2017)

In progress, as co-supervisor

16. R. Tollenaar, lifting Lowlands (expected year of completion 2017)
17. Jan van Dalen, Improving the Diaphragm-wall Installation Process (TU-Delft, expected year of completion 2017)

Publications

Refereed International Journal Publications (27)

- Spruit, R. , van Tol, A.F., Broere, W. and Slob, E. (2016) “Detecting anomalies in diaphragm walls with electrical resistance measurements”, DOI: 10.3997/1873-0604.2016022, Near Surface Geophysics
- [Tehrani](#), F.S. Phuong, N.T.V., Brinkgreve, R.B.J., Van Tol, A.F. (2016) “Comparison of Press-Replace Method and Material Point Method for analysis of jacked piles”, [Computers and Geotechnics](#), [Volume 78](#), 38–53
- 25 Spruit, R., Van Tol, A.F., Broere, W., Doornenbal, P & Hopman, V. (2016) “Distributed Temperature Sensing applied during diaphragm wall construction”, Canadian Geotechnical Journal, 10.1139/cgj-2014-0522
- Korff, M., Mair, R., and Van Tol, F. (2016). "Pile-Soil Interaction and Settlement Effects Induced by Deep Excavations." J. Geotech. Geoenviron. Eng., 10.1061/(ASCE)GT.1943-5606.0001434, 04016034.
- Rui, R. ,van Tol, A.F., Xia, X.L., van Eekelen, S.J.M., Hu, G. and Xia, Y.Y. (2016) “Evolution of soil arching; 2D DEM simulations”, COGE-D-15-00212R2, Computers and Geotechnics 73, 199-209

- Phuong Nguyen, van Tol, A.F., Elkadi, A.S.K. and Rohe, A. (2016), "Numerical investigation of pile installation effects in sand using material point method", COGE-D-15-00347R2, *Computers and Geotechnics*, 73, 58–71
- Rui, R., van Tol, A.F., Xia, Y.Y., van Eekelen, S.J.M. and Hu, G (2016) "Investigation of Soil Arching Development in Dense Sand by 2D Model Tests", GTJ-2015-0130.R1 - *Geotechnical Testing Journal*, ASTM International 39 (3)
- 20.** Engin, H.K., Brinkgreve, R.B.J., and van Tol, A.F. (2015) "Simplified numerical modelling of pile penetration - the press-replace technique", *Int. J. Numer. Anal. Meth. Geomech.* (2015) Published online in Wiley Online Library, DOI: 10.1002/nag.2376
- Engin, H.K., Brinkgreve, R.B.J. & van Tol, A.F. (2015) "Approximation of pile installation effects: a practical tool", *Proceedings of the ICE - Geotechnical Engineering*, 168 August 2015 Issue GE4, Pages 319–334 <http://dx.doi.org/10.1680/geng.14.00064>
- Ottolini, M., Dijkstra, J. & van Tol, A.F. (2015), "Immediate and long-term installation effects adjacent to an open-ended pile in a layered clay", *Canadian Geotechnical Journal*, doi.org/10.1139/cgj-2014-0222
- Van Eekelen, S.J.M., Bezuijen, A. & van Tol, A.F. (2015), "Validation of analytical models for the design of basal reinforced piled embankments", *Geotextiles and Geomembranes*, Vol 43, Issue 1, 56-81
- Ibsen Chivatá Cárdenas, Saad S.H. Al-jibouri, Johannes I.M. Halman and Frits A. van Tol, (2014), "Modeling Risk-Related Knowledge in Tunneling Projects" *Risk Analysis*, an international journal (online), 1-17. DOI: 10.1111/risa.12094
- 15.** Spruit, R., A.F. van Tol, W. Broere, E. Slob, E. Niederleithinger, 2014, "Detection of anomalies in diaphragm walls with Cross-hole Sonic Logging", *Canadian Geotechnical Journal*, 2014, 51(4): 369-380, [10.1139/cgj-2013-0204](http://doi.org/10.1139/cgj-2013-0204)
- Van Eekelen, S.J.M., Bezuijen, A. & van Tol, A.F. (2013), An analytical model for arching in piled Embankments, *Geotextiles and Geomembranes*, volume 39, pg 78—102
- Engin, HK, Brinkgreve, RBJ & Tol, AF van (2012, accepted for publication) Simplified Numerical Modelling of Pile Penetration – the Press-Replace Technique, *International Journal for Numerical and Analytical Methods in Geomechanics*
- Ibsen Chivatá Cárdenas, Saad S.H. Al-jibouri, Johannes I.M. Halman and Frits A. van Tol, (2013) Capturing and Integrating Knowledge for Managing Risks in Tunnel Works, *Risk Analysis*, Volume 33, Issue 1, January 2013, Pages 92-108
- Hölscher, P., van Tol, A.F. & Huy, N.Q. (2012), Rapid pile load tests in the geotechnical centrifuge, *Soils and Foundations*, Volume 52, Issue 6, Pages 1102-1117
- 10.** Dijkstra, J., Broere, W. and Tol, A.F. van, (2012), Electrical resistivity method for the measurement of density changes near a probe, *Géotechnique*, Volume 62, Issue 8, pages 721–725
- Mens, A.J.M., Korff, K. & van Tol, A.F. (2012) "Validating and improving models for vibratory installation of steel sheet piles with field observations", *Geotechnical and Geological Engineering*, volume 30:1085–1095
- van Eekelen, S.J.M., Bezuijen, A., Lodder, H.-J. & van Tol, A.F. (2012) "Experiments on piled embankments. Part I: Measured influence of subsoil, fill, and reinforcement", *Geotextiles and Geomembranes*, volume 32, p 69-81.

- van Eekelen, S.J.M., Bezuijen, A., Lodder, H.-J. & van Tol, A.F. (2012) “Experiments on piled embankments. Part II: Comparison of measurements and calculations”, *Geotextiles and Geomembranes*, volume 32, p 82-94.
- van Eekelen, S.J.M. Bezuijen, A. & van Tol, A.F. (2011), “Analysis and modification of the British Standard BS8006 for the design of piled embankments”, *Geotextiles and Geomembranes*, Volume 29, Issue 3, p 345-359.
5. Bezuijen, A., Grotenhuis, R. te, Tol, A.F. van, Bosch, J.W. & Haasnoot, J.K. (2011). "An Analytical Model for Fracture Grouting in Sand", *J. of Geotechnical and Geoenvironmental*, volume 137, Issue 6, 2011, p 611-620.
- Mandy, Korff, R.J. Mair, A.F. van Tol, F. Kaalberg, (2011), “ Cause, damage and repair due to leakage in Amsterdam excavation”, *Proceedings of the ICE - Forensic Engineering*, Volume 164, Issue 4, 01 November 2011, pages 165 –177.
- [Broere, W.](#), Faassen, TF, [Arends, G](#) & [Tol, AF van](#) (2007). “Modelling the boring of curves in (very) soft soils during microtunnelling”. *Tunnelling and underground space technology*, 22(5-6), 600-609.
- Broere, W, & Tol, A.F. van (2006) “[Modelling the bearing capacity of displacement piles in sand](#)”. *Proceedings of the institution of civil engineers-geotechnical engineer*, 159(3), 195-206.
- Kleinlugtenbelt, R., Bezuijen, A., [Van Tol, F.](#) (2006) Model tests on compensation grouting *Tunnelling and Underground Space Technology*, Volume 21, Issue 3-4, May 2006, 7p
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Other Journal Publications (41)

- Van Tol, A.F. & Hannink, G. (2015). “Veranderende regelgeving paaldragvermogen”, *Cement* 2015, 5, pg 30-37.
40. Lankrijer, T., Meinhardt, G. & Van Tol, A.F. (2015). “Knik van slanke palen – een verbeterde berekeningsmethode”, *Geotechniek*, 19 (2), 16-22.
- Lupea, C, Thijssen, R & [Tol, AF van](#) (2014). Long term effects of cyclic loading on suction caisson foundations in sand. *Geotechniek*, 18(1), 18-23.
- Van Tol, A.F. (2012), "Daagkracht funderingspalen, an up-date," *Geotechniek*, Funderingsspecial 2012, 14-18.
- Spruit, R., Van Tol, A.F., Broere, W. & Hopman, V. (2012), “Detectie van afwijkingen in diepwandvoegen, *Geotechniek*, Okt 2012, 14-18.
- Holscher, P & [Tol, AF van](#) (2011). Nieuwe CUR-richtlijn 'Interpretatie snelle paaltesten'. *Civiele Techniek: vakblad voor grond-, weg- en waterbouwkunde en verkeerstechniek*, 7, 20-22. (TUD).
35. Wijck, A & Tol, AF van (2011). De opmars van de geotechnisch adviseur. *Geotechniek*, 5, 26-27
- Meijers, P & [Tol, AF van](#) (2010). Voorspelling maaiveldzakking door het in- en uittrillen van damwanden. *Geotechniek*, 3, 40-45.
- Tol, A.F. van. R. Stoevelaar & J. Rietdijk, (2010). Draagvermogen van geheide palen in internationale context, *Geotechniek, Funderingsspecial*, 12, 4-9
- Meijers, P & [Tol, AF van](#) (2009). Damwandproef Raamsdonkveer: observaties tijdens het in- en uittrillen van damwanden. *Geotechniek*, 2, 40-44. (TUD)
- Havinga, HR, [Tol, AF van](#), Bruijn, K de & Jong, E de (2008). Dynamische belasting door treinen op openstaande diepwandsleuf in Almelo. *Geotechniek*, 4, 24-29. (TUD)
30. Holscher, P & [Tol, AF van](#) (2007). Snelle paaltest moet vertrouwen nog winnen. *Land + water*, 12, 14-15. (TUD)
- [Tol, AF van](#) (2007). Schadegevallen bij bouwputten. *Cement*, 6, 6-13. (TUD)

- Korff, M, [Tol, A.F. van](#) & Jong, E(extern) de (2007). Palenwanden in Nederland. *Cement*, 6, 17-21. (TUD)
- Bijnagte, J.L, [Tol, A.F. van](#) & Elprama, R (2006). Het effect van grondwaterstijging op funderingen op staal. *Geotechniek*, 2, 44-48.
- [Tol, A.F. van](#) (2006). Hoger, dieper, dichter, ... ontwikkelingen in onderzoek en praktijk van funderingen. *Geotechniek*, 5, 32-37.
25. [Tol, A.F. van](#) (2004). De lessen van de Haagse Tramtunnel. *Geotechniek*, 1, 42-50.
- Kort, D.A, [Tol, A.F. van](#) & Jonker, A (2003). Damwandveldproef Rotterdam. *Geotechniek*, 58-66. (TUD)
- Vries, JH de, El-Mossallamy, Y & [Tol, A.F. van](#) (2003). De haalbaarheid van paalplaatfunderingen in Nederland. *Geotechniek*, 30-39.
- [Tol, A.F. van](#) (2002). Betekenis van de Europese regelgeving voor de funderingstechniek. *Geotechniek*, 6(4), 80-87.
- [Tol, A.F. van](#) (2001). Bouwputten. *Geotechniek*, 6, 7-12
20. [Tol, A.F. van](#) (2001). Schadegevallen bij bouwputten. *Cement*, 3, 55-59.
- Meijers, P & Tol, A.F. van (2001) "Settlements due to vibratory installation and extraction of sheet piles", *Geotechniek*, 5e jaargang, nr. 3, Educom
- Tol, A.F. (2000) "Towards a reliable design for jetgrout layers", *Geotechniek*, 4e jaargang, nr. 4, Educom b.v, ISSN: 1386-2758, (in Dutch).
- Tol, A.F. van, (1999) "Shield tunnelling without soil improvement", *Land + Water*, ISSN:0926-8456, 39,3, 1999, p. 20-25 (in Dutch)
- Jonker, A, Kort, D.A. & Tol, A.F. (1998), "Predicties voor Damwandproef". *Geotechniek* nr 3, 1998, p 31 - 32.
15. Tol, A.F. van en D.A. Kort (1998) Stalen damwand voorbij de uiterste vezel, *Geotechniek*, 2000, 4, p 5- 8, Educom
- Tol, A.F. van, H.E. Brassinga en J.P. Koenis (1997), Rekenregel voor berekening van trekpalen in zand, *Geotechniek* (1997) 4, p 37-42.
- Tol, A.F. van, (1995), "Design of Steel Sheet Pile Walls according to the CUR handbook", *Cement*, 5, pp 22-27 (in Dutch)
- Tol, A.F. van (1994) "Regulation of Foundation Engineering" (in Dutch), *Cement*, 4, april.
- Tol, A.F. van, Brassinga, H.E. (1993) "Geotechnical aspects of the construction of the Willemsrailwaytunnel, Evaluation building pit Binnenrotte". *Civiele Techniek*, 1, 1993.(in Dutch).
10. Brons, K. & Tol, A.F. van (1992), "Geotechnical aspects of the construction of the Willems-railwaytunnel (7), Chemical injection". *Civiele Techniek*, 47, 1, pp. 2025 (in Dutch).
- Tol, A.F. van (1992), "Geotechnical aspects of the construction of the Willemsrailwaytunnel, Evaluation Building Pit Blaak. *Civiele Techniek* 4, 1992.(in Dutch).
- Tol, A.F. van & Brassinga, H.E. (1991), "Geotechnical aspects of the construction of the Willemsrailwaytunnel 4. Measures to avoid unacceptable subsidence of The Witte Huis". *Civiele Techniek*, 2, blz. 6-12. (in Dutch)
- Tol, A.F. van (1991), "Geotechnical aspects of the construction of the Willemsrailwaytunnel (5). Jet-grouting". *Civiele Techniek*, 3, blz. 16-21. (in Dutch)
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- “Deep excavations for North-South Line Amsterdam, an update and lessons learned”, TC 28 Symposium, 17th of May 2011, Roma
- “Learning the monitoring lessons from leakage on the Amsterdam Metro North-South Line”, Geotechnical Instrumentation and Monitoring, Org GE & NCE, London, 16th, 17th of March, 2011
- “Case Study: Amsterdam Metro North-South Line – an update on the data obtained and lessons learned”, Basements & Underground Constructions, Org. EMAP & Ground Engineering, London, Oct 2010
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