

Appendix U1.4

Staff reputation lists of the unit Geology

Prof. Giovanni Bertotti (unit leader)

Professor, unit Geology (0.6 fte, since 01-04-2010)



Number of (co-)authored articles in peer-reviewed journals: 87 (32 in period 2008-2014)

H-index: 28 (ISI), 27 (Scopus), 31 (google scholar)

Scientific awards/prizes

- Special Guest Researcher – Science Without Border (Brazil)

Invited lectures / keynote speeches

- Key-note at the 2nd EAGE Workshop on Naturally Fractured Reservoirs (Muscat, Oman – 8-11 December, 2013)
- Key-note at the 2nd Oil & Gas Marrakech Conference and exhibition. Marrakech (Morocco) 1-3 October 2013.
- Invited speaker at the North Africa Petroleum geology Atlas (NAPGA) Workshop. Utrecht 15-16 May, 2012.
- Invited speaker at the yearly Meeting of the Swiss Geological Society (Zurich, 11-13 November, 2011).
- Keynote presentation at the International Workshop on Inversion Tectonics. Bucaramanga (Colombia), January 2011.
- Keynote presentation at the *North Africa Fracture Meeting* (Manchester)

Scientific Advisory Board / Committees / Jurys

- NWO Vici 2013-present
- NWO Open program committee 2012

Training for peers

- Structural Geology of carbonate rocks. University of Macae (Brazil). March 2012

Editorships

- Journal of Petroleum Geoscience (Associate Editor) 2013-present
- Tectonics (Associate Editor), 2003-2013
- Basin Research (member of the Editorial Board)

Other

- Member of the Scientific Committee of the 3rd EAGE Workshop on Naturally Fractured Reservoirs (2015)
- Member of the PhD Thesis Defense committee of M. Fachri (University of Bergen)
- Member of the Steering Committee of the *Oil & Gas Meeting (Marrakech, 2-3 October 2013)*.
- Member of the Scientific Committee and chairman of the Hedberg Conference “Fundamental Controls on Flow in Carbonates”, Saint Cyr-sur-Mere, France, 8-13 July 2012.
- Member of the scientific Committee and convenor of the 2nd Convention of the Moroccan Association of Petroleum Geologists (Marrakech, 5-7 October 2011).

Prof. Stefan M. Luthi

Professor, unit Geology (0.5 fte)

Senior Technical Advisor, Schlumberger Limited (0.5 fte)



Number of (co-)authored articles in peer-reviewed journals: 68 (26 in period 2008-2014)

H-index: 12 (ISI), 12 (Scopus), 18 (google scholar)

Scientific awards/prizes

- Member, Koninklijke Hollandse Maatschappij der Wetenschappen
- Visiting Professor, Chongqing University of Science and Technology, China
- Visiting Professor, Universidade Federal do Pará, Belém, Brazil

Invited lectures / keynote speeches

- Fossil Fuels. Debate on Energy, September 2009, Artis, Amsterdam
- Superhigh-Resolution Stratigraphy. September 2011, University of Geosciences, Beijing
- Deepwater Sedimentation. September 2012, University of Malaya, Kuala Lumpur
- The Origin of Shale Gas. KNAW Symposium on Shale Gas, July 2013, KNAW Amsterdam

Scientific Advisory Board / Committees/Jurys

- Delegate, Netherlands Committee of World Petroleum Congress, 2000-2011
- Membre Externe, Comité Scientifique des Géosciences, U. Montpellier, 2007-2010
- Member, Award Committee of the EGU Huygens Medal, 2007-2013
- Reviewer, European Science Foundation, 2008-
- Dutch Representative, EC International Continental Scientific Drilling Program, 2010-
- Member and Chairman, KNAW Workgroup Kennisinfrastuur Aardwetenschappen, 2010
- Member, Evaluation Committee, "Geotechnologies" Program, Berlin, 2010
- Chairman, ICDP Workgroup on Palaeoclimate Projects, 2012
- Chairman, NWO Project Proposal Selection Committee, 2014
- Organising Committee, ICDP Science Conference, Potsdam, 2014
- External Examiner, MSc Programme, University of Manchester, 2015-

Editorships

- Co-editor, Borehole Imaging. Society of Professional Well Log Analysts, 472 p.

Other

- Geological Well Logging, Springer, 373 p.

Dr Rick Donselaar

Associate professor, unit Geology



Number of (co-)authored articles in peer-reviewed journal papers: 36 (24 in period 2008-2014)

H-index: 5 (ISI), 5 (Scopus), 8 (google scholar)

Invited lectures

- Donselaar, M.E. (2014) Dissolution and entrapment of arsenic in fluvial point bars - Case Study of the Ganges River, Bihar, India. 5th International Congress on Arsenic in the environment. Buenos Aires, Argentina.
- Donselaar, M.E. (2013) Geologic conditioning of arsenic contamination: case study Bihar. Anugrah Narayan College, Magadh University, Patna, India.
- Donselaar, M.E. (2011) Ciclo de Conferencias : Aplicaciones de Sedimentología Fluvial: Ejemplos de reservorios de hidrocarburo y detección de contaminación de Arsénico (in Spanish), Facultad de Ciencias Naturales e Instituto Miguel Lillo, Universidad Nacional de Tucumán, Argentina.
- Donselaar, M.E. (2008) three invited lectures at Dept. of Geological Sciences, University of Colorado at Boulder, Colorado: On the reservoir potential of low net-to-gross meandering fluvial deposit; The application of borehole image logs to fluvial facies interpretation; Fluvial terminal splays as secondary reservoir target.

Training for peers

- Fluvial Sedimentology: Applications for hydrocarbon reservoirs and aquifer contamination. Lecture course, Univ. de Granada, Spain, 18-19 March 2013.
- Reservoir architecture of clastic continental and marine deposits. Field trip to the South Pyrenean Foreland Basin, organized for Statoil London, October 23 – 27, 2012.
- Reservoir architecture of fluvial facies types: integration of outcrop and subsurface data. Field Trip in the Ebro Basin, Spain, organized for Horizon Energy Partners, September 25-29, 2008
- Reservoir architecture of fluvial facies types: integration of outcrop and subsurface data. Field Trip in the Ebro Basin, Spain, organized for TNO-EBN, April 10-14, 2008

Editorships

- Member Editorial Board, Netherlands Journal of Geosciences, 2006- present

Other

- Member Commissie van Uitvoering, Universiteitsfonds Delft (UfD), 2011-present
- PhD projects co-supervised: 16 (of which 6 in period 2008-2014)
- Organizer and Convener Technical Session at Conferences:
 - Gutierrez-Neri, M. and Donselaar, M.E. (2014) Low-Enthalpy Geothermal Energy in NW Europe. Dedicated Session, 76th EAGE Conference & Exhibition, Amsterdam.
 - Amos, K.J., Donselaar, M.E. and North, C.P. (2011) Sedimentary processes and architecture of dryland rivers in endorheic basins: The demise of fluvial systems. Special Symposium T7a, 28th IAS Meeting of Sedimentology, Zaragoza, Spain.
 - Donselaar, M.E. and Longhitano, S.G. (2010) Basin modelling and energy-water resources. 18th International Sedimentological Congress, Mendoza, Argentina.
 - Donselaar, M.E. and Moscariello, A. (2008) Computer modelling of fluvial sediments. Theme T1f, 26th IAS Regional Meeting/SEPM-CES Sediment, Bochum, Germany, 2008.

Dr Joep Storms

Associate professor, unit Geology (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 30 (16 in period 2008-2014)

H-index: 13 (ISI), 13 (Scopus), 14 (google scholar)

Scientific awards/prizes

- Innovational Research Incentives Scheme VIDI personal grant, Netherlands Scientific Organization for Research (2010)

Invited lectures / keynote speeches

- The Future of Sequence Stratigraphy: Evolution or Revolution, The Geological Society, London
- Improving Understanding of Fluvial Landscape Development : exploring synergies between field-based and modelling approaches, ITC Netherlands
- From Depositional Systems to Sedimentary successions on the Norwegian Shelf, Norwegian Petroleum Society, Stavanger

Scientific Advisory Board / Committees/Jurys

- PhD committee University of Sydney
- Innovational Research Incentives Scheme VENI committee member, Netherlands Scientific Organization for Research
- Netherlands Centre for Luminescence dating steering committee

Training for peers

- Lecturer professionalization
- Leadership
- Media training

Editorships

- Sedimentary Geology (Editorial board), 3 year
- Interpretation, SEG (Special section co-editor), 1 year

Appendix U2.4

Staff reputation lists of the unit Geophysics

Prof. Kees Wapenaar (unit leader)

Professor, unit Geophysics (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 160 (65 in period 2008-2014, of which 18 as first author).

H-index: 27 (ISI), 30 (Scopus), 41 (Google Scholar).

Scientific awards/prizes

- Virgil Kauffman Gold Medal Award, SEG, 2010.
- Best paper at Annual SEG Meeting, 2010 (as senior co-author).
- Conrad Schlumberger Award, EAGE, 2013.

Invited lectures / keynote speeches

- Keynote address: Deutschen Geophysikalischen Gesellschaft, Leipzig, 2013.
- Invited lectures at meetings: AGU 2008, NAC 2008, ASA 2011, Cargèse Summerschool 2011, EAGE Workshop 2012, EAGE/SEG Forum 2013, SEG-AGU 2014, SEG Workshop 2014.
- Invited lectures at universities and companies: Schlumberger Gatwick 2008, Saudi Aramco 2008, Schlumberger Boston 2008, Tohoku Univ. 2012, Kaust Univ. 2012, Karlsruhe Univ. 2012, RWTH 2013, CNRS 2013, NTNU 2013, Schlumberger Cambridge 2013, Shell 2014.

Scientific Advisory Board / Committees/Jurys (selection)

- Member of Executive Committee of SEG, 2008-2009.
- Member of Research Committee EAGE, since 1999.
- Member of Scientific Steering Committee of Top Research School ISES, 1999-2013.
- Member of Nomination Committee Vening Meinesz Award, 2008.
- Director of Research School CTG, since 2009.
- Member of 'Geowetenschappelijke Kennis Commissie' TNO, 2009-2014.
- Chairman of Publication Policy Committee of SEG, 2012-2014.

Training for peers

- Course on Seismic Interferometry, SBGf, Salvador, Brazil, 2009.
- Course on Seismic Interferometry, SEG, Las Vegas 2012, Houston, 2013, Londen 2014.

Editorships

- Geophysics (Ed.-in-Chief), 2008-2009.
- Special Issue of Geophysical Prospecting (Co Ed.), 2008.
- Journal of Seismic Exploration (Ass. Ed.), since 1991.
- Reprint book on Seismic Interferometry (SEG) (Ed.), 2008.
- Geophysics (Ass. Ed.), 2010-2013.
- 75th Anniversary Special Section for Geophysics (Co Ed.), 2010.
- Book Geophysics Today (SEG) (Co Ed.), 2010.

Other

- Promotor of 22 PhD students (10 finished, 12 ongoing).
- Member of 23 PhD committees (of which 6 external).

Prof. Evert Slob

Professor, unit Geophysics (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 111 (71 in period 2008-2014, of which 9 as first author).

H-index: 23 (ISI), 26 (Scopus), 30 (google scholar); 15 (ISI in period 2008-2014)

Scientific awards/prizes

- Visiting professor at Center of Wave Phenomena, Colorado School of Mines, USA, January-July 2009.
- Visiting professor at Faculty of Astronomy, Geophysics and Atmospheric Sciences, University of Sao Paulo, Brazil, April-August 2014.

Invited lectures / keynote speeches

- Keynote address: SEG Workshop 2009, Near Surface Meeting 2011.
- Invited lectures at meetings (IEICE 2009, GPR 2010, AGU Americas, 2010, EAGE & ASA 2011, EGU 2013, EUCAP 2014).
- Invited lectures in universities: CSM 2009, Kansas Univ. 2009, UTexas at Austin 2009, Tohoku Univ. 2009, Kaust Univ. 2012, USP 2014.

Scientific Advisory Board / Committees/Jurys

- Chairman of the best MSc thesis committee Civil Engineering and Geosciences, TU Delft, 2014-present.
- Director of Education Civil Engineering and Geosciences, 2014-present.
- Member of Board of Directors of SEG, 2013-2015.
- Director of Studies Applied Earth Sciences, 2011-2014.
- Committee member for professor(-eligibility) evaluation at five international universities.
- Scientific advisory board of biennial series of ground penetrating radar conferences.
- Scientific advisor in assessment of geophysical measurements and analysis for underground construction Noord-Zuidlijn and advisor for National Police Department.

Training for peers

- Modelling, Imaging, and Inversion of GPR data, USP, Sao Paulo Brazil, 2014.

Editorships

- Geophysics (Ed.-in-Chief), 2013-2015
- Geophysics (Ass. Ed.), 2009-2013
- Near Surface Geophysics (Ass. Ed.), 2008-2014
- Guest editor for six special journal issues (2008, 2009, 2010, 2011, 2x2013)
- Co-editor of the Proceedings of the International GPR2014 Conference.

Other

- Promotor of 13 PhD students (10 finished, 3 ongoing)
- Supervised 10 MSc students
- Co-chair of GPR2014 and IWAGPR2009, co-convenor EGU session since 2012, and AGU session in 2014
- Three book chapters (2008, 2x 2010)

Prof. Wim Mulder

Professor, unit Geophysics (0.2 fte)



Number of (co-)authored articles in peer-reviewed journals: 66 (29 in period 2008-2014).

H-index: 19 (ISI), 19 (Scopus), 25 (soogle scholar).

Scientific Advisory Board / Committees/Jurys

- Member of the scientific committee, SIAM Conference on the Mathematical and Computational Issues in the Geosciences, June 2013, Padova, Italy.
- Member of the EAGE 2.5D Anisotropic Elastic Modelling Project.
- Co-organization of EAGE workshop on Developments in full waveform inversion, Rome, 2008.
- Co-organization of EAGE workshop on WAZ and WEM velocity model building, Amsterdam, 2009.

Editorships

- Computational Geosciences (Ass. Ed.), 2008-2014.

Other

- 0.8 fte employed by Shell.
- Promotor of 9 PhD students (6 finished, 3 ongoing).
- Three patents.
- Two book chapters.

Dr Guy Drijkoningen

Associate Professor, unit Geophysics (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 43 (13 in period 2008-2014)

H-index: 10 (ISI), 11 (Scopus), 16 (google scholar)

Scientific Advisory Board / Committees/Jurys

- EAGE Research Committee

Editorships

- Geophysics, Associate Editor, since 2008

Other

- EAGE-Conference 2013, workshop organizer: "Land Broadband Technology"
- Supervised 8 PhD projects; currently supervising 5
- Leader of Geophysics applications of LOFAR
- Work-Package Leader in CO₂-program CATO2
- Work-Package Leader in EU-program NeTTUN

Dr D.M.J. Smeulders

Associate professor, unit Geophysics (1.0 fte, until September 2010)

Appointed as Professor of Energy Technology at Eindhoven University of Technology, 2010



Number of (co-)authored articles in peer-reviewed journals: 28 (15 in period 2008-2014)

H-index: 12 (ISI), 14 (Scopus), 17 (google scholar)

Scientific Advisory Board / Committees / Jurys

- Scientific Director Eindhoven Energy Institute as from 2010
- Scientific Director Delft Geotechnology Laboratory 2006-2010
- Vice-President Technology of the Dutch Petrophysical Society
- Chairman of the Major-Minor program committee 2008
- Member/acting chairman of the Examination Board until 2010
- Member of the Education Board until 2010
- Lecturer ETH Zurich, Switzerland until 2009

Editorships

- Editorial Board of Transport in Porous Media 2006-2011

Invited lectures / Keynote speeches

- Invited lecture "The sound of porous media" at the Acoustics'08 Paris conference June 29-July 4, 2008
- Invited Lecture "Can one hear the saturation of porous media?" at the VIIth International Interpor conference, Lubostron/Bydgoszcz, Poland (20-22 October 2008)
- Invited Lecture "Seismoelectric reflection: experiment and theory". Seminarreihe des Lehrstuhls für Kontinuumsmechanik. Ruhr-Universität Bochum, Germany (19 November 2009)
- Invited lecture series "Borehole waves and seismoelectricity", Petrochina, Beijing (July 2010)

Dr Karl-Heinz Wolf

Associate Professor, unit Geophysics (1.0 fte)
Head of the Geoscience & Engineering Laboratory



Number of (co-)authored articles in peer-reviewed journals: 44 (28 in period 2008-2014)

H-index: 9 (ISI), 16 (Scopus), 18 (google scholar)

Scientific awards/prizes

- SPE award for Sponsorship of the Student Chapters and Education in 2012/2013.

Invited lectures / keynote speeches

- 2009: "Barendrecht" presentation whether CCS continues or not.

Scientific Advisory Board / Committees/Jurys

- 2010 – 2014. SPE, Archie Foundation: 4 year jury member. Yearly 2 student grants.

Training for peers

- Geothermal courses during the EAGE in Amsterdam, 2009.

Editorships

- 2011. Guest Editor, International Journal for Greenhouse Gas Control, special CCS-issue.

Other

- Project leader of the CATO-1 program for Delft. Ca. 1.2 MEuro.
- Co-founder and project leader of the large Dutch CCS-program CATO-2. Coordinating the scientific part of ca. 21 MEuro of which 6.5 mEuro for Delft university. In the program two research projects were coordinated.
- Project leader for the Department on the Delft Geothermal Program from 2007 – 2014 and co-organiser of three Delft Geothermal Program symposia.
- Co-promotor or supervision of the laboratory part of various PhD-thesis: Over the period, about 10 theses.
- Project leader of the about 1 MEuro Maersk program on chalk-acidizing research.

Dr Gerrit Blacquière

Associate Professor, unit Geophysics (0.4 fte)



Number of (co-)authored articles in peer-reviewed journals: 23 (10 in period 2008-2014)

H-index: 9 (ISI), 11 (Scopus), 15 (google scholar)

Invited lectures / keynote speeches

- Invited lecturer, Institute of Geology and Geophysics, Chinese Academy of Sciences, Beijing, 2012 and 2013

Other

- Leader of the Acquisition and Preprocessing project of the DELPHI consortium
- Member of the technical committee EAGE workshop 'Promise & Challenges of Broadband Marine Seismic', 2013, Kuala Lumpur
- Convenor of EAGE workshop 'Impact of Seismic Acquisition on Aquatic Life', 2013, London
- Co-organizer of EAGE workshop 'Broadband full azimuth seismic surveys', 2014, Mallorca
- Supervisor of 4 PhD students

Dr Láslo G. Evers

Associate Professor, unit Geophysics (0.2 fte, since 01-09-2012)



Number of (co-)authored articles in peer-reviewed journals: 31 (10 since 01-09-2012)

H-index: 12 (ISI), 13 (Scopus), 14 (google scholar)

Scientific awards/prizes

- VIDI grant (Innovative Research Incentives) from the Netherlands Organisation for Scientific Research (NWO)

Invited lectures / keynote speeches

- Infrasonic interferometry applied to the large aperture infrasound array in the Netherlands, Acoustical Society of America, San Francisco, Fall Meeting 2013.

Other

- 2012-now: Advisor to the Netherlands Permanent Mission to the UN in Vienna regarding the verification of the Comprehensive Nuclear-Test-Ban Treaty (CTBT)
- 2012-now: Member of the Waveform Experts Group to advice Working Group B of the CTBT Organization on scientific matters regarding treaty verification.
- 2011-now: Member of the Program Committee Nederlands Aardwetenschappelijk Congres (NAC).
- 2010-now: Co-chair of European Geosciences Union General Assembly session on Infrasound monitoring for atmospheric studies.

Dr Auke Barnhoorn

Assistant Professor, unit Geophysics (0.9 fte, since 15-07-2011)



Number of (co-)authored articles in peer-reviewed journals: 23 (4 since 15-07-2011)

H-index: 12 (ISI), 12 (Scopus), 13 (google scholar)

Scientific awards/prizes

- Awarded a Veni fellowship by the Dutch Organisation of Scientific Research NWO for a VENI post-doc 2008-2010 (at Utrecht University).

Invited lectures / keynote speeches

- Barnhoorn A (2014, november 25). Dutch University Research on basin to pore fracture networks and fluid-rock interactions in tight sands and shales (2F2S). Shale Gas World Conference Europe 2014, 25-26 November 2014, Warsaw (Poland).
- Barnhoorn, A (2013, november 12). Shale gas research in the Netherlands: Role of Fracture Network Complexity. Flevum Shalegas Workshop, Utrecht, November 2013.
- Barnhoorn, A, Cox, SF (june 2012) Fracture Network Growth for Prediction of Fracture Characteristics and Connectivity in Tight Reservoir Rocks. Sintef, Trondheim, Norway.
- Barnhoorn, A (june 2012) Rock / pore volume compaction at high pore pressure depletion. An experimental perspective. Statoil Research Center, Trondheim, Norway.
- Barnhoorn, A., Drury, M.R., Pennock, G.M, van Roermund, H.L.M., 2010. Garnet deformation structures in ultra-high pressure upper mantle rocks from the Western Gneiss Region (Norway). European Geoscience Union Session TS3.1, May 2010.

Other

- Journal article 'Barnhoorn et al (2004) JSG 26, 885-903' is ranked by Journal of Structural Geology in 2009 as their 4th highest cited article published in the last 5 years.
- Member of PhD mid-term evaluation committee ETH-Zürich (Switzerland) of Pei-Ju Rita Shih. PhD Topic: Fracture-related seismic propagation effects studied by combining laboratory measurements and numerical modelling. Committee Marcel Frehner, Jean-Pierre Burg & Auke Barnhoorn (September 2014)

Dr Deyan Draganov

Assistant Professor, unit Geophysics (1.0 fte, since 1-12-2014; formerly as postdoc)



Number of (co-)authored articles in peer-reviewed journals: 32 (24 in period 2008-2014)

H-index: 12 (ISI), 14 (Scopus), 19 (google scholar)

Scientific awards/prizes

- 2012 - VIDI personal grant from NWO (Dutch Science Foundation)
- 2010 - J. Clarence Karcher Award from SEG
- 2008 - Best PhD paper award from the Department of Geosciences, TU Delft.
- 2007 - VENI personal grant from NWO (Dutch Science Foundation)

Invited lectures / keynote speeches

- 2014 - Invited Professor to La Plata University during September 2014; also gave a two-day course Seismic interferometry for exploration and production.

Scientific Advisory Board / Committees/Jurys

- 2011 - present: Member of the Continuing Education Committee at SEG
- 2012 - 2014: Chairman of the Continuing Education Committee at SEG

Training for peers

- SEG Continuing Education 2-day course: Seismic interferometry for exploration and production

Editorships

- Geophysics (Ass. Ed.), since 2005

Other

- 2011 - 2012: Project Leader of an international project for the installation of a temporary seismic array on regional scale at the Malargüe region, Mendoza province, Argentina.
- (Co-)Supervision of 6 PhD projects

Dr Ranajit Ghose

Assistant Professor, unit Geophysics (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 32 (17 in period 2008-2014)

H-index: 6 (ISI), 7 (Scopus), 12 (google scholar)

Scientific awards/prizes

- Distinguished Lecturer, European Association of Geoscientists and Engineers (2006-2009)

Invited lectures / keynote speeches

- 2014: Invited Lecture: Near Surface Geophysics Conference, Manama, Bahrain
- 2013: Keynote: International Conference on Engineering Geophysics, Al Ain, UAE
- 2011: Keynote: London Geological Society Meeting
- 2011: Invited Lecture, American Geophysical Union (AGU) meeting, San Francisco, USA
- 2011: Invited Lecture, SEG Oslo Chapter
- 2010: Keynote: DGG Annual Conference, Darmstadt, Germany

Scientific Advisory Board / Committees/Jurys

- Member, Research Committee, European Assoc. Geoscientists & Engineers (EAGE), 2006-present
- Research Advisor: LISMOT Project, Portugal (2008)

Editorships

- Near Surface Geophysics, Associate Editor, 2005-present
- Near Surface Geophysics, Special Issue on Integrated Characterization, Guest Editor

Other

- Convenor/Chairman: EAGE Research Workshop on Shear Wave Reflection Seismic, Copenhagen, Denmark, 2012
- Chairman, Special Session on Frequency-Dependent Seismic and Electromagnetic Wave Propagation in the Near-Surface, SEG/ SAGEEP international conference, Charleston, USA, 2011
- Chairman Technical Programme Committee and Session Chair, International Conference on Frontier in Shallow Subsurface Technology (FSST), Delft, The Netherlands, 2010
- Convenor/Chairman; EAGE Research Workshop on Quantitative Multitool Data Integration, Vienna, Austria, 2010
- Co-promotor: PhD Project (Alimzhan Zhubayev, completed 2014)
- Co-promotor: PhD project (Alex Kirichek, expected completion 2016)
- Co-promotor: PHD project (Laura Konstantaki, defence planned 2016)

Prof. Ramon Hanssen
Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 115 (47 in period 2008-2014, of which 4 as first author).

H-index: 11 (ISI), 11 (Scopus), 20 (Google Scholar).

Scientific awards/prizes

- Antoni van Leeuwenhoek chair, TU Delft (full professorship, 2008)
- SBIR award, 2008, Ministry of Economic Affairs, founding spin-off company on radar remote sensing, now known as SkyGeo
- Professorship at Wuhan University, 2012

Invited lectures / keynote speeches (selection)

- IUGG CCGG, Beijing, 2014, key note speaker
- 'Huygens lecture', 2014, the Hague, 'Baarda lecture', 2014, Den Bosch; Lely-lecture, 2007, Lelystad, Diligentia lecture, 2010, the Hague
- Shell Geomatics Conference, the Hague, 2013, keynote and reviewer
- Invited lectures at IGARSS conferences, AGU conferences, Fringe conferences, ISPRS conferences
- Invited lecture, Univ of Zurich 2012
- Invited lecture Inst. For Crustal Dynamics Beijing, 2012,
- Invited lecture DLR, Germany 2013

Scientific Advisory Board / Committees/Jurys (selection)

- Member of the Council for Earth and Life Sciences, Royal Academy of Sciences (2014 onwards)
- President of National Committee of IUGG, International Union of Geodesy and Geophysics (2012 onwards)
- Chair of committee on Land Subsidence and Sea Level Change, Neth. Geodetic Comm. Royal Academy of Sciences (KNAW) (2009 onwards)
- Member of the SAR advisory group, (TSAG) European Space Agency (2004 onwards)

Training for peers (selection)

- Courses for the European Space Agency, Advanced Training Courses on Land Remote Sensing (2009, Prague; 2011, Krakow; 2014, Valencia), Dragon advanced training course, 2014, Nanchang, China. ASAR training course, 2008, Hanoi, Vietnam
- Radar course for Argentinian Space Agency CONAE, 2010, Buenos Aires, Argentina
- Radar course for Mexican Space Agency, Merida, Mexico, 2013
- Radar course Summerschool ESA/Romanian Space Agency, 2011, Constanta, Romania
- InSAR/Doris summerschool at UPC, Barcelona, 2008; Hanoi, Vietnam; Kyoto, Tokyo; Tel Aviv, Israel; Wuhan, China
- Summerschools at Wuhan University 2011-2014
- Summerschool Remote Sensing, Prague, 2008
- SpaceTech Summerschool, Delft 2008
- Development of DORIS (Delft Object-Oriented Radar Interferometric Software) , (C++) with B.M. Kampes, continuing effort since 1999
- Development of Sentinel-1 InSAR processor, 2014

Editorships

- Editor of Journal of Geodesy (till 2008)

Other

- Senior member of [Institute of](#) Electrical and Electronics Engineers. (IEEE),
- Member of American Geophysical Union (AGU),
- Member of the Sentinel-1 Scientific Advisory Group, European Space Agency (ESA)
- Member GeoSAR development team

Prof. Roland Klees

Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 75 (31 in period 2008-2014, of which 5 as first author).

H-index: 18 (ISI), 18 (Scopus), 26 (Google Scholar).

Scientific awards/prizes

- Fellow of the IAG (1999-)

Invited lectures / keynote speeches (documented only until 2009)

- Invited lecture, Int Symp on Mathematical-Geodetic Methods for the Determination of Geoid and Topography, Pfalz-Akademie Lambrecht, Germany, 1992
- Invited lecture, Int Symp on Boundary Element Methods, University of Colorado, USA, 1992
- Invited lecture, General Assembly of IUGG, 1995
- Invited lecture, General Assembly of the European Geophysical Society, 1996
- Invited lecture, Int Summer School of Theoretical Geodesy, Como, Italy, 1996
- Invited lecture, General Assembly of the European Geophysical Society, 1999
- Invited lecture, Int Symp on Gravity, Geoid and Geodynamics, 2000.
- Invited lecture, Nordic Geodetic Commission Autumn School, 2000
- Invited lecture, General Assembly of the European Geophysical Society, 2002
- Invited lecture, Votrine-Marussi Symposium on Mathematical Geodesy, 2002

Scientific Advisory Board / Committees/Jurys

- Convenor, co-convenor, and chairman, IAG and EGU sessions (1999-)
- Member of evaluation committees and referee of National Science Foundation programs of the US, Germany, Switzerland, Austria, Belgium, and Norway (1999-)
- Member of evaluation committees and referee of the German Federal Ministry of Education and Research (2000-)

Editorships

- Editor Advances in Geosciences (2002),
- Journal of Geodesy (2003-2007)
- Editor in Chief, Journal of Geodesy (2007-2015)

Other

- Scientific Director Delft Institute of Earth-Oriented Space Research (DEOS) (1999-2001)
- Scientific Director, Delft Interfaculty Research Centre 'Determination and Prediction of the 3D Movement of the Earth Surface' (1997-2006)
- Secretary of the subdivision 'Gravity Field', European Geosciences Union (EGU) (1999-2007)
- Fellow International Association of Geodesy (IAG) (1999-)
- Promotor of 22 PhD students (15 finished, 7 ongoing).
- Member of 39 PhD committees (of which 1 external).

Prof. Peter Teunissen
Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 163 (94 in period 2008-2014, of which 22 as first author).

H-index: 22 (ISI), 27 (Scopus), 43 (Google Scholar).

Scientific awards/prizes(selection)

- Honorary Doctorate from Chinese Academy of Sciences (2014)
- Honorary Professorship Tongji University, Shanghai, China (2012)
- Honorary Professorship Wuhan University, Wuhan, China (2000)
- Fellow of U.S. Institute of Navigation (2013)
- Fellow of U.K. Royal Institute of Navigation (2014)
- Federation Fellow Australian Research Council (2009)
- Best Research Paper Awards (2012, 2014) Journal Spatial Sciences
- ESA Galileo Award (2013)

Invited lectures / keynote speeches (selection)

- Keynote at Chinese Satellite Navigation Conference CSNC 2013
- Keynote at New Zealand Spatial Science Conference 2013
- Keynote at CRCI Conference 2014
- Keynote at US Panel Institute of Navigation 2014
- Keynote at European Navigation Conference ENC 2014
- Invited Lectures at GNSS Schools and International Conferences:
- GPS/GNSS 2010, Taiwan
- IGNS 2011, Australia
- CSNC 2011, China
- ION-PNT 2014, Hawaii

Scientific Advisory Board / Committees/Jurys (selection)

- Member of Royal Netherlands Academy of Sciences (2000-)
- Chairman of the Netherlands Geodetic Commission, NCG (1993-2009)
- Member of National Earth Observation Platform, NGPA (2003-2009)
- Member of KNAW National Research School Accreditation Committee, ECOS (2005-2010)
- Member Science Advisory Board of National Aerospace Laboratory (2005-2008)
- Scientific Director & Board Member Cooperative Research Centre Spatial Information (2010-)
- Member of various International Conferences scientific committees

Training for peers

- Organized GNSS workshops for Taiwanese Institute for Information Industry (2011), Hong Kong Polytechnic (2012, 2014), and Nanyang Technological University (2014), Singapore.

Editorships

- GPS Solutions (1997-)
- Optimization and Engineering (1999-)
- Journal of Global Positioning Systems (2003-)
- Studia Geophysica et Geodaetica (2006-)
- Journal of Geomathematics (2010-)
- Springer Briefs on Geo-Technology (2011-)
- Journal of Geodetic Science (2011-)
- Journal of Navigation (2012-)
- Encyclopedia of Geodesy (2012-)

Other

- Patent (2013) on Array-based Precise Point Positioning A-PPP
- Promotor of 21 PhD students (16 finished, 5 ongoing).
- Member of 27 PhD committees (of which 11 external).

Geodesy_Academic reputation staff

Prof. Massimo Menenti

Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 175 (67 in period 2008-2014, of which 4 as first author).

H-index: 26 (ISI), 28 (Scopus), 38 (Google Scholar).

Scientific awards/prizes

- Honorary Research Professor , Institute of Tibetan Plateau Research (ITP), Chinese Academy of Sciences (CAS) 2006 – present
- Guest Professor, Beijing Normal University, China 2007 – 2011
- Visiting Professorship for Senior International Scientists, Chinese Academy of Science 2011 -

Invited lectures / keynote speeches (selection)

- IAHS Remote Sensing and Hydrology Symposium, Jackson Hole, Wyoming 27 – 30 September 2010 Keynote Address
- Water Information Research and Development Alliance (WIRADA) Science mposium in Melbourne, Australia August 1st – 5th 2011. Water from Space - Invited Talk
- SPIE Europe Remote Sensing Symposium< Edinburgh, UK, September 24th – 27th 2012 .
- 64th International Astronautical Congress (IAC) 23-29 September 2013, Beijing.
- SPIE Europe Remote Sensing Amsterdam, Netherlands September 22th – 25th 2014 .
- UNESCO – IHP International Workshop Climate Change Impacts on Snow, Glacier and Water Resources: Multidisciplinary Network for Adaptation Strategies 6-7 November 2014 - Koblenz

Scientific Advisory Board / Committees/Jurys (selection)

- ASI – CSA Joint Science and Application Team (JSAT) Leader (Italy) – Hyper-spectral Mission Italy – Canada; 2005 – 2008;
- GCOS Terrestrial Observation Panel for Climate of the Global Climate Observing System and Global Terrestrial Observing System 2006 – 2010
- Earth Sciences Advisory Committee (ESAC) of the European Space Agency (ESA); 2006 – 2010
- Climate Sciences Advisory Board (CSAB) of the European Space Agency (ESA); 2010 –
- Scientific Steering Committee Global Change and Earth System Science (GCESS) College – Beijing Normal University 2009 – 2013
- International Experts Committee – Remote Sensing and Digital Earth Institute (RADI) – Chinese Academy of Sciences; 2013 – present
- International Advisory Committee – State Stake Key Laboratory for Remote Sensing Science (SLRSS) – Chinese Academy of Sciences; 2014 – present.
- MIPAAF Steering Committee project AGROSCENARI (Adaptation to Climate Change) 2009 – 2014

Training for peers

- ESA TIGER Training Course Cairo April 2010 , ESA Course, ESA – ESTEC 2012 – 2013, ESA - SEMIDE / EMWIS TIGER Workshop and training December 2012-, ESA TIGER Regional Office Training Johannesburg August 26th – 29th 2013, Nairobi September 15th – 19th 2013, January 27th – 30th 2014 , Niamey February 3rd – 6th 2014
- GEWEX Summer Sessions - Water and Radiation; Course Leader; TU Delft July 2014

Editorships

- Guest Editor: LI, X., X.W. LI, K. ROTH, M. MENENTI and W. WAGNER, 2011. Observing and modeling the catchment scale water cycle. Special Issue Hydrol. Earth Syst. Sci., 15:
- Guest Editor: Koetz, B., Z. Vekerdy, M. Menenti and D. Fernandez Prieto (Eds.). 2014. Special Issue: Earth Observation for Water resource management in Africa. Remote Sens. 6(12):

Other

- Project Leader CEOP – AEGIS 18 partners in 8 Countries 2008 – 2013 contribution EU / FP7
- Promotor of 18 PhD students (10 finished, 8 ongoing). Member of 24 PhD committees (of which 8 external).

Geodesy_Academic reputation staff

Prof. Bert Vermeersen

Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 75 (33 in period 2008-2014, of which 5 as first author).

H-index: 16 (ISI), 17 (Scopus), 21 (Google Scholar).

Invited lectures / keynote speeches

- Many invited lectures, keynote speeches.

Scientific Advisory Board / Committees/Jurys (selection)

- Fellow of the Royal Astronomical Society (2008 – present)
- Scientific Committee Member of the Vening Meinesz School of Geodynamics (2003 - 2008).
- Member of International Lithosphere Programme Task Force VII on Temporal and Spatial Changes of Stress and Strain (2005 - 2010).
- Member of the ESA Mission Advisory Group for the GOCE satellite mission (2005 - present).
- Member of ESA ITT study on 'Monitoring and Modelling of Individual Sources of Mass Transport in the Earth System by Means of Satellites', 2007 - 2010.
- Steering Group Member of the Regional Coordination Committee on International Lithosphere Programme DynaQlim, 2007 - present.
- Dutch Representative EU/ESF COST ES0701 Initiative on Improved Constraints on Models of Glacial Isostatic Adjustment (2008 - 2012).
- Organiser and Co-Chair IAG/GGOS Workshop on Towards a Roadmap for Future Satellite Gravity Missions Session B1 on Mission Requirements, Graz, Austria, 2009.
- Selection Committee Member of two Chairs in Planetary Sciences, Free University of Amsterdam, 2009 - 2010 and 2012 – 2013; Member of the Board of Trustees (College van Curatoren) of one of the Chairs in Planetary Sciences, Free University of Amsterdam, 2010 - present.
- Member of ESA GOCE+ ITT studies on 'The Earth's Time-Variable Gravity Field Observed by GOCE' and 'Towards a Better Understanding of the Earth's Interior and Geophysical Exploration Research' (2010 - 2013).
- Convener or Co-convener of more than 25 sessions at national and international conferences and workshops and Member of various national (NWO, NSO) and international (NSF, ASI, NERC, NSERC) review committees.

Training for peers

- Co-organiser NPP Autumnschool, Mendig, Germany, 2009.
- Initiator and Principle Scientific Organiser of the First and Second EU/ESF COST ES0701 Training School on Glacial Isostatic Adjustment, Gäddede, Sweden, June 01 - 05, 2009 and June 13 - 17, 2011.

Editorships

- Editor of eEarth and eEarth Discussions (2006 - 2010).
- Editor of Geophysical Journal International (2011 - present).
- Guest Editor (with C. Pascal and I. Stewart) of Special Issue on 'Neotectonics, Seismicity and Stress in Glaciated Regions' of J. Geol. Soc. London, 167, 2010.; Guest Editor (with E.R. Ivins and M.A. King) of Special Section on 'Observation and Modeling of Glacial Isostatic Adjustment' of Tectonophysics, 511, 2011.; and Guest Editor (with V. Klemann, C. Pascal and M. Poutanen) of Special Issue on 'Lithosphere-Cryosphere Interactions' of Solid Earth, in press, 2014.

Other

- Appointment of 0,7 fte at Aerospace engineering faculty, 0,1 fte at CEG and 0,2 fte at NIOZ.
- Co-founder of the European Geosciences Union EGU (2002). First President of the Geodynamics Division of the European Geosciences Union EGU (2002 - 2005); re-elected for a second term (2005 - 2007).
- Project Manager FP7 ESPaCE Workpackage 3 on Interplanetary Laser Ranging.
- Copromotor or Promotor of 6 finished PhD-students and 6 ongoing PhD-students.

Geodesy_Academic reputation staff

Dr Pavel Ditmar

Associate Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 57 (27 in period 2008-2014, of which 4 as first author).

H-index: 13 (ISI), 14 (Scopus), 20 (Google Scholar).

Invited lectures / keynote speeches

- P.Ditmar, R.Klees, F.Kostenko, E.Schrama. How to invert 1-year of SGG data from the GOCE mission in 1 hour? EGS XXVII General Assembly, 21 - 26 April 2002, Nice, France.
- R.Klees, P.Ditmar, and J.Kusche. Numerical techniques for large least-squares problems with application to GOCE. V Hotine-Marussi Symposium on Mathematical Geodesy, Matera, Italy, June 17-21, 2002.
- P. Ditmar, R. Klees, J. Kusche, and X. Liu. Efficient gravity field modeling on the basis of data from new satellite missions. Turkish-German Joint Geodetic Days, Berlin, Germany, March 29-31, 2006.
- R.E. Riva, J.L. Bamber, D.A. Lavalley, B. Wouters, H. Hashemi Farahani, P. Ditmar, and W. Van Der Wal. Regional patterns of ocean mass change from GRACE satellite data. AGU Fall Meeting, San Francisco, December 5 – 9, 2011.
- B. Gunter, J. Teixeira da Encarnacao, P. Ditmar, and R. Klees. An investigation into new advances in geodesy utilizing future satellite constellations. AGU Fall Meeting, San Francisco, December 5 – 9, 2011.

Scientific Advisory Board / Committees/Jurys (selection)

- Member of the sub-commission Geodetic Infrastructure and reference systems of the Netherlands Geodetic Commission (NCG) (2004 – present)
- Member of the American Geophysical Union (AGU)
- Member of the International Association of Geodesy (IAG)

Editorships

- Member of the Editorial Board of Journal of Geodesy (2007 – 2015)

Other

- (Co-) supervisor of 10 PhD students (6 finished, 4 ongoing).

Dr Christiaan Tiberius

Associate Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 66 (39 in period 2008-2014, of which 2 as first author).

H-index: 9 (ISI), 13 (Scopus), 29 (Google Scholar).

Invited lectures / keynote speeches

- GPS satellite navigation and indoor positioning with radio signals; presentation at workshop on indoor positioning (voor Openbare Orde en Veiligheid) by the KMar, Nationale Politie en Nederlandse Industrie voor Defensie en Veiligheid (NIDV), Nieuw Milligen, Air Operations Control Station, May 2013

Scientific Advisory Board / Committees/Jurys (selection)

- elected and appointed to serve the US Institute of Navigation (ION) as the European Technical Representative, September 19th, 2008, for a 2 years term (2008-2010)
- member of ION's Bradford W. Parkinson Award Committee 2009
- member of ION's Student Paper Competition Committee 2010
- member of 'jury-kamer' (304) for STW Open Technology Program (OTP)
- member of the Technical Program Committee of the European Navigation Conference (ENC) 2014 in Rotterdam
- member of Technical Program Committee of ESA's two-yearly workshop NaviTec (2008-2010-2012-2014)

Training for peers

- series of lectures on GPS at Hogeschool van Utrecht (2011)

Editorships

- editor of GPS Solutions
- member of the Editorial Board of the journal GPS Solutions (2010-), Springer Verlag

Other

- (co)Promotor of 2 PhD students (1 finished, 1 ongoing).
- Member of 3. PhD committees (of which 1. external).
- coordinator of MSc-track Geoscience and Remote Sensing
- contributed to European Galileo satellite navigation signal monitoring facility in Westerbork

Dr Sandra Verhagen

Assistant Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 51 (40 in period 2008-2014, of which 10 as first author).

H-index: 9 (ISI), 11 (Scopus), 18 (Google Scholar).

Invited lectures / keynote speeches

- Invited presentations at IAG Scientific Assemblies, FIG Working week 2008, CRCST Annual meeting in Brisbane 2012, AOGS 2012, CSNC 2014
- Invited as speaker at research colloquium at Technical University of Munich (2010)
- Invited workshop presentation at Institute of Geodesy and Geophysics, Wuhan, China (2013)

Scientific Advisory Board / Committees/Jurys (selection)

- President of Commission 4 "Positioning and applications" of the International Association of Geodesy (IAG) (2007 – 2011)
- Member of the Executive Board of the IAG
- Member of Steering Committee of GGOS, the flagship of IAG (2007 – 2011)
- Member of Scientific Committee of VII Hotine-Marussi symposium 2009, Rome, July 2009
- Member of Scientific Committee of IAG Scientific Assembly 2009, Buenos Aires, Sep. 2009
- Convenor / session chair of sessions at: ENC GNSS 2004, IUGG General Assembly 2007, FIG Working Week 2008, VII Hotine-Marussi symposium 2009, IAG Scientific Assembly 2009, ION International Technical Meeting 2010, IEEE/PLANS 2012, IUGG General Assembly 2011, IAG Scientific Assembly 2013.
- Member of the Advisory Group of Experts on Technology (6 members), set up by the Galileo Joint Undertaking with the objective to produce a Strategic Roadmap for the definition of Galileo-related R&D activities in the EU 7th Framework Programme (2006)
- Reviewer for the GNSS Evolution programme of ESA (2007)
- Reviewer of grant applications for Canadian and Italian research councils
- Referee for journals: GPS Solutions, Navigation, Journal of Geodesy, International Journal of Observation and Navigation, IEEE Transactions on Aerospace and Electronic Systems, Artificial Satellites, Journal of Surveying Engineering, Computers and Geosciences, Advances in Space Research
- Member of ION Student award committee (2012)
- Jury member Tienstra award of the Netherlands Committee of Geodesy (2012, 2014)
- Member of assessment committee for vacancy professorship in Geodesy at KTH, Sweden
- Initiator and organizer of monthly lunch meetings with ass. Professors of the faculty CEG.
- Invited talk and panel member at GNSS receiver technology workshop, organized by European Commission /GNSS Supervisory Authority (2014)

Editorships

- (Associate) editor of the Journal Bulletin of Geodesy and Geomatics, Journal of Global Positioning Systems, International Association of Geodesy Series.
- Member of Editorial board of GPS Solutions

Other

- Chair of Educational Committee of MSc programme Geomatics (2008 – 2011)
- Member of Board of Examiners, BSc and MSc Aerospace Engineering (2009 – 2011)
- Member of special committee on Assessment Regulations, TU Delft (2010)
- Internship and graduation coordinator MSc track Geoscience and Remote Sensing (2013 –)
- Mentor of Graduate School Faculty CEG (2012 –)
- Reviewer of professionalization programme of lecturers at faculty of CEG (2014 –)
- Co-promotor of two completed PhD projects (G. Giorgi, 2011; P. Buist, 2013)
- Member of 5 PhD assessment committees (3 at TU Delft, 1 at TU Munich, 1 at University of Copenhagen)

Geodesy_Academic reputation staff

Dr Cornelis Slobbe

[Assistant](#) Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 9 (9 in period 2008-2014, of which 7 as first author).

H-index: 5 (ISI), 5 (Scopus), 6 (Google Scholar).

Scientific awards/prizes

- Best Thesis Award from Hydrographic Society Benelux 2014;
- Second prize paper award in the category “young scientists” at the Hydro12 conference.

Invited lectures / keynote speeches

- Slobbe, D. C. (2014). “Satellite radar altimetry and the quasi-geoid.” NCG workshop 'Meten en modelleren van zeespiegelvariatie', Delft, February 6, 2014.
- Slobbe, D. C. (2014). “On the realization of offshore vertical reference surfaces.” Hydrografische jaarvergadering, Den Helder, January 20, 2014.
- Slobbe, D. C. (2013). “Roadmap to a mutually consistent set of offshore vertical reference frames.” 38th hydrodynamics & sediment transport & morphology lunch lecture Deltares, Delft, October 17, 2013.
- Slobbe, D. C. (2013). “A future-proof maritime vertical infrastructure.” HSB workshop “Referentievlakken en geodesie in de Noordzee”, Antwerp, February 6, 2013.
- Slobbe, D. C., R. Klees, M. Verlaan, L. L. Dorst, H. Gerritsen (2012). “Lowest Astronomical Tide in the North Sea derived from a vertically referenced shallow water hydrodynamic model, and an assessment of the apparent safety.” 18th NSHC Tidal Working Group, Brest, February 7-8, 2012.

Dr Riccardo Riva

[Assistant](#) Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 67 (28 in period 2008-2014, of which 4 as first author).

H-index: 12 (ISI), 17 (Scopus), 14 (Google Scholar).

Scientific awards/prizes

- VIDI fellow since 2013, NWO grant “Multi-scale and self-consistent observations of recent sea level change”.-

Invited lectures / keynote speeches

- Invited talk at AGU Fall Meeting 2009: Session G51A “Quantifying Sea Level Change”.
- Invited talk at AGU Fall Meeting 2011: Session G23A “Continental Deformation, Post-glacial Rebound, Sea Level and Coastal Inundation”.
- Invited talk at AGU Fall Meeting 2012: Session G18 “Observing Sea-level Change from Decadal to Secular Scales”.
- Invited talk at Jet Propulsion Laboratory (NASA), Pasadena, CA, within the “Science Visitor and Colloquium Program - Earth Science Seminar Series” (12-16 October 2009).
- Invited talk at the Bjerknes Centre, Bergen, Norway, during the stay as Visiting Fellow (23-25 September 2013).

Scientific Advisory Board / Committees/Jurys (selection)

- Member of the "Group of Experts" of the Global Sea Level Observing Systems (GLOSS-GE) under the Joint Technical Commission for Oceanography and Marine Meteorology (JCOMM) (2013-).
- Member of the International Association of Geodesy Joint Working Group 2.6 “Ice melting & ocean circulation from gravimetry” (2012-).
- Member of the International Association of Geodesy Sub-Commission 3.4 “Cryospheric Deformation” (2011-).
- Member of EFS/EU COST Action ES0701 “Improved Constraints on Models of Glacial Isostatic Adjustment” (2008-2012).
- Member of the International Lithosphere Program (ILP) Regional Co-ordination committee CC 1/5 “Upper Mantle Dynamics and Quaternary Climate in Cratonic Areas” (DynaQlim, 2007-2012).
- Reviewer of grant applications for UK (NERC) and US (NSF) research councils.
- Reviewer for international journals: Nature, J. Geophysical Research, Geophysical Research Letters, Geophysical J. International, J. Geodesy, Oceanography, The Cryosphere, Surveys in Geophysics, Annals of Glaciology, J. Geodynamics, Earth and Planetary Science Letters, J. Physical Oceanography

Training for peers

- Organiser and lecturer: TU Climate Institute Summer School 2014 “Sea-level change: observations and processes

Other

- [Supervisor](#) of 4 PhD students (0 finished, 4 ongoing).
- Member of 2 PhD committees (of which 1 external).

Dr Roderik Lindenbergh

[Assistant](#) Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 46 (38 in period 2008-2014, of which 4 as first author).

H-index: 10 (ISI), 10 (Scopus), 19 (Google Scholar).

Scientific awards/prizes

- [ISPRS Karl Kraus medal for *Airborne and Terrestrial Laser Scanning*, G. Vosselman and H.-G. Maas \(Eds.\), Whittles Publishing, 2010. Lindenbergh wrote chapter *Engineering applications*.](#)
- [Best Poster Paper Award 2008, Reducing the error in terrestrial laser scanning by optimizing the measurement set-up, Sylvie Soudarissanane, Roderik Lindenbergh and Ben Gorte Poster, presented at XXI ISPRS Congress, Beijing, July 3-11, 2008](#)

Invited lectures / keynote speeches

- [Keynote, Japanese laser scanning workshop 2015, Tokyo, Japan, November 2015](#)
- [MoLaS Technology Workshop 2014 on Key Technology Drivers in Mobile Laser Scanning, November 26 - 27, 2014, Fraunhofer IPM, Freiburg, Germany](#)
- [Invited lecture, Seminario Gesell, Villa Gesell, Argentina, March 2012](#)

Scientific Advisory Board / Committees/Jurys (selection)

- [Co-chair, ISPRS Laser Scanning workshop, Geospatial Week, Antalya, Turkey, 2013](#)
- [Chair, Workshop on Processing Large Geospatial Data, Cardiff, UK, July 8, 2014. Co-located with the Eurographics Symposium on Geometry Processing 2014](#)
- [Co-chair, ISPRS Laser Scanning workshop, Geospatial Week, Montpellier, France, 2015](#)
- [Member Scientific Committee and Session Leader, ISPRS Technical Commission V Symposium on Close-range imaging, ranging and applications, 23 - 25 June, 2014 - Riva del Garda, Italy](#)

Training for peers

- [Co-organizer, ISPRS Alpine Summer School on close range sensing techniques in Alpine Terrain, Obergurgl, Austria, 2015](#)
- [Lecturer in Principles of Remote Sensing course for ESA-ESTEC, 2013](#)

Other

- [Chair, Workshop on Processing Large Geospatial Data, Cardiff, UK, July 8, 2014. Co-located with the Eurographics Symposium on Geometry Processing 2014](#)
- [Co-promotor of 6 PhD students \(3 finished, 3 ongoing\).](#)
- [Member of 6 PhD committees \(of which 5 external\).](#)

Dr Ben Gorte

Assistant Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 42 (13 in period 2008-2014, of which 2 as first author).

H-index: 8 (ISI), 11 (Scopus), 23 (Google Scholar).

Scientific awards/prizes

- ITC Research Award 1990 and 1997.

Scientific Advisory Board / Committees/Jurys (selection)

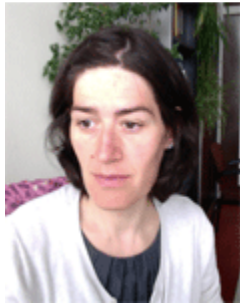
- Member of Technical Commission on Point Clouds, Open Geospatial Consortium (2015 -)

Other

- Acting Chair Optical and Laser Remote Sensing, Aerospace Engineering, TUD 2003-2007
- Programme Director MSc Geomatics TUD, 2005-2008
- ISPRS Commission V wg 5 (Change Detection) Co-chair 2004-2008

Dr Miren Vizcaino

[Assistant](#) Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 19 (10 in period 2008-2014, of which 7 as first author, including 1 per-invitation review paper).

H-index: 10 (ISI), 10 (Scopus), 12 (Google Scholar).

Scientific awards/prizes/grants

- Delft Technology Fellowship (2013-2018)
- Marie Curie International Incoming Fellowship (2011-2013)
- Small Grant for Exploratory Research, NSF, USA (2009-2011)

Invited lectures / keynote speeches

- Ice sheet-Climate Coupling Workshop, Reading (UK), Oct 2013. Organizers: J.Gregory, R. Smith, J. Ridley, A. Payne, W. Lipscomb

Scientific Advisory Board / Committees/Jurys (selection)

- Contributing author, last report of the IPCC AR5, Chapter on Sea Level
- Co-chair, Land Ice Working Group of the Community Earth System Model
- Participant, new Ice Sheet Model Intercomparison Project ISMIP6 of WCRP
- Collaborator of international projects Ice2sea (FP7), SeaRise, SVALI, THOR (FP7)

Training for peers

- Lecturer, First Summer School on ice sheets and glaciers from the Nordic Center of Excellence SVALI, May 2011.
- Coordinator of practical sessions, GEWEX Summer School, Delft, July 2014

Other

- IMAU Seminar, Utrecht University, Dec 2014 – “Ice Sheets as interactive components of Earth System Models: progress and challenges”
- (co-author) AGU Annual Meeting 2014, invited talk - “Progress and Challenges in Coupled Ice-Sheet/Climate Modeling with CESM”, Fyke, J., W. Sacks, M. Vizcaino, W. Lipscomb, S. Price
- Served as referee for *Journal of Climate*, *Climate Dynamics*, *Geophysical Research Letters*, *Journal of Geophysical Research*, *Climate of the Past*, *The Cryosphere*, *Journal of Glaciology*, and *Annals of Glaciology*.
- Organizer, TU Delft Climate Institute Symposium: “The Greenland and Antarctic ice sheets: present, future and unknowns”, 2013
- Co-Promotor (daily supervisor) of 1 PhD student (ongoing).
- Member of 3 Master thesis committees.

Dr Hans van der Marel

[Assistant](#) Professor, unit Geodesy



Number of (co-)authored articles in peer-reviewed journals: 30 (15 in period 2008-2014).

H-index: 7 (ISI), 9 (Scopus), 13 (Google Scholar).

Invited lectures / keynote speeches

- Invited speaker 1st Colloquium Scientific and Fundamental Aspects of the Galileo Programme, Toulouse, 2007
- Seminar Onsala Space Observatory, in 2010 (invited)

Scientific Advisory Board / Committees/Jurys (selection)

- Associate member IAG (international association of geodesy), IGS (International GNSS Service) and UNAVCO
- Member of the Galileo Science Advisory Committee (GSAC) of ESA (2008-2013)
- Chair program committee 3rd international colloquium on Scientific Applications of Galileo, 2011, Copenhagen
- Member of ESA expert group on Radio Wave Propagation
- Member of the EUREF Technical Working Group (1992-2007)
- Chair of WG2 on Exploitation of ground based GPS for climate and numerical weather prediction applications COST-716 (1999-2005)
- Co-chair of IAG Sub-Commission 1.180 "GPS as an atmospheric remote sensing tool" (1999-2003)
- Member of ESA's Hipparcos science team (1987-1997)
- Task-leader for the Hipparcos great-circle reduction task in the international FAST consortium (1987-1996)
- Member of the Commission Geometric Infrastructure of the Netherlands Commission for Geodesy.

Training for peers

- ESA School of Propagation, 15-17 Oct, 2012, Madrid ESA (Invited Lecture)
- Tutorial on GNSS for EFTF2010 (European Frequency and Timing Forum 2010) (invited)
- One day tutorial on Earth Observation with Satellite Position Techniques, graduate school, 18 September 2008, Helsinki University (40 participants)

Editorships

- Co-editor for Bollettino di Geodesia e Scienze Affini special issue on EUREF in 2008

Other

- Co-Promotor of 4 PhD students, of which one external (WUR), supervisor of 2 PhD students (ongoing).
- Member of 9 PhD committees (of which 4 external) .
- Patent "Method of determining the position of a transmitting beacon" (US 20020175853 A1)

Appendix U4.4

Staff reputation lists of the unit Geo-Engineering

Prof. Michael A Hicks (unit leader)

Professor, unit Geo-Engineering (1.0 fte, since 21-09-2009)



Number of (co-)authored articles in peer-reviewed journals: 32 (8 in period 2008-2014)

H-index: 7 (ISI), 8 (Scopus), 11 (Google Scholar)

Scientific awards/prizes

- Georisk 2014 Best Paper Award

Invited lectures / keynote speeches

- Czech and Slovak Society of Soil Mechanics, Prague, 2011
- 2nd International Symposium on Computational Geomechanics, Dubrovnik, 2011
- Kivi Niria & CUR Geotechniekdag, Eindhoven, 2011
- 11th International Probabilistic Workshop, Stuttgart, 2012
- 3rd International Symposium on Computational Geomechanics, Krakow, 2013
- Kivi Lezingavond, Delft, 2014
- Chinese Academy of Sciences, Wuhan, 2014

Scientific Advisory Board / Committees / Jurys

- Board of Directors of ALERT Geomaterials, 2000-date
- Member of International Audit Committee for Deltares, 2010
- External examiner for 6 PhD students

Training for peers

- Coordinator of 2014 ALERT Geomaterials Doctoral School on Stochastic Analysis and Inverse Modelling

Editorships

- Editor, Modern Geotechnical Design Codes of Practice: Implementation, Application and Development, 2013 (International Workshop, Delft, 2011)
- Editor, Proceedings of the International Conference on Installation Effects in Geotechnical Engineering, Rotterdam, 2013
- Editor, Proceedings of Eighth European Conference on Numerical Methods in Geotechnical Engineering, Delft, 2014
- Editor, Stochastic Analysis and Inverse Modelling, 2014 (ALERT Doctoral School)
- Computers and Geotechnics (Editorial Board), 2007-date
- Georisk (Editorial Board), 2012-date

Other (selection only)

- Chairperson of 3 international conferences/workshops (see Editorships)
- 5 completed PhDs in period 2008-2014 (via University of Manchester); 9 PhD students currently supervised
- 0.2 fte secondment to Deltares, 2012-date
- Scientific committees of various international conferences

Prof. Hans Bruining

Emeritus professor, Unit Geo-Engineering (retired 31-12-2011)



Number of (co-)authored articles in peer-reviewed journals: 101 (49 in period 2008-2014)

H-index: 12 (ISI), 15 (Scopus)

Scientific awards/prizes

- 2007 SPE NORTH SEA REGIONAL TECHNICAL AWARD, for Distinguished Contribution to Petroleum Engineering in the Area of *Reservoir Description and Dynamics*.
- SPE Distinguished Achievement Award for Petroleum Engineering Faculty (2012), Annual Technical Conference and Exhibition

Invited lectures / keynote speeches

- Long term collaboration with “Instituto Nacional de Matematica Pura e Aplicada (IMPA)”, Rio de Janeiro, Brazil, prof. Marchesin, prof. Alexei Mailybaev (2000-2015)
- Visiting Professor at IMPA 2013-2015
- Geochemical Modelling of water flooding oil in calcite reservoirs at high carbon dioxide pressure, 25 Years of a classic: Enhanced Oil Recovery (Larry Lake), Delft, 30 October 2014, *ibid* 2nd international symposium on Energy Challenges and Mechanics, Aberdeen, 19 – 21 Aug 2014
- An Analytical Method for Predicting the Performance of Gravitationally-Unstable Flow in Porous Media, 29^o Colóquio Brasileiro de Matemática IMPA, Rio de Janeiro, 21/7 – 2/8 (2013)

Scientific Advisory Board / Committees/Jurys (2009-2014)

- Member Technical Committee on Subsoil (Ministry of Infrastructure and Environment), 2007-2013, Member of Molengraaff fund
- Section leader Geo-engineering, 2009-2011
- Project leader various PhD projects supported by ISAPP, CATO, Shell, EU

Training for peers

- Various Courses reservoir engineering at the Instituto Nacional de Matematica Pura e Aplicada (IMPA), Rio de Janeiro, Brazil

Editorships

- Technical Editor, Computational geosciences, 1995--2012
- Review Chairman, SPE Journal, 2001-2012

Other

- Co-promotor of two students at Instituto Nacional de Matemática Pura e Aplicada (Rio de Janeiro Brazil),
- Promotor of 8 Ph-D students and co-promotor of one Ph-D student at TU-Delft (2009-2014)
- “A Simple evaluation procedure for viable alternative clean energy projects”, Farewell speech July 2nd 2012
- Delft Project leader, Research Programme of the Research Fund for Coal and Steel, Hydrogen Oriented Underground Coal Gasification for Europe, 01.07.2007 – 30.06.2010

Prof. Timo Heimovaara

Professor, unit Geo-Engineering (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 21 (5 in period 2008-2014)

H-index: 12 (ISI), 11 (Scopus), 16 (google scholar)

Scientific Advisory Board / Committees/Jurys

- Board member of “Stichting Kennisontwikkeling en Kennistransfer Bodem” until 1-5-2015
- Member of the The Soil Protection Technical Committee (TCB), www.tcbodem.nl

Invited lectures / keynote speeches

- 3-4-2014: University of Southampton, “ Creating more Sustainable Landfills: Solving the Scientific and Regulatory Challenges in the Netherlands”
- 5-5-2014: Technical University of Vienna, “ Creating more Sustainable Landfills: Solving the Scientific and Regulatory Challenges in the Netherlands”

Training for peers

- PhD Summer course: Soil sensors – Theory and Application (Aarhus University Denmark) (2011 & 2013)

Other

- Chairman of the Frontiers In Subsurface Technology Conference (20 – 22 January, 2010)
- Chairman of the 6th workshop on Hydro Physical and Mechanical Modelling of Landfills (HPM 6) in Delft (14 to 17 April 2015)
- Member of the following PhD committees (external to the TU Delft):
 - Jonas Koch, Universität Stuttgart, Germany (May 2014)
 - Trine Nørgaard, University of Aarhus, Denmark (August 2014)
 - Christian Brandstätter, Technical University of Vienna, Austria (June 2015)
 - Matthijs Bonte, Free University of Amsterdam (September 2013)
 - Martin Liebensteiner, Wageningen University (October 2014)
 - Mojtaba Mahmoodlu, University of Utrecht (November 2014)

Prof. Cristina Jommi

Professor, unit Geo-Engineering (0.8 fte, since 01-07-2013)



Number of (co-)authored articles in peer-reviewed journals: 24 (14 in period 2008-2014)

H-index: 7 (ISI), 6 (Scopus), 11 (Google Scholar)

Invited lectures / keynote speeches

- General Report on Unsaturated Soils, XVIII ISSMGE Paris, 2013
- Invited Lecture: Geotechniekdag, Dutch Geotechnical Society, Breda, 2013
- Invited Lecture: Prague Geotechnical Days, Czech and Slovak Society for Soil Mechanics and Geotechnical Engineering, Praha, 2014
- Invited Lecture: XXV CNIG, Italian Geotechnical Society, Baveno, 2014

Scientific Advisory Board / Committees / Jurys

- Scientific Advisor for the research project NRP 68 SOSTANAH, Swiss National Research Council, 2013-2015
- External reporter HDR Mécanique Université Paris-Est, 2014
- External reporter for PhD candidates at UPC Barcelona, Universidad de Almería, ENPC Paris, TUM München, Université de Lorraine.

Editorships

- Italian Geotechnical Journal, (Editorial Board), since 2009
- Research and Applications in Unsaturated Soil Mechanics, Engineering Geology 165 (Co-editor), 2013
- Unsaturated Soils: Research and Applications (Vol. 1 & 2) Springer-Verlag (Co-editor), 2012

Other

- PhD supervised: 6, in the period 2012-2014
- Coordinator (with M. Hicks) of the ALERT Doctoral School 2014 on "Stochastic Analysis and Inverse Modelling", Aussois, 2014
- Scientific Coordinator of the Leendert de Boerspolder stress-test (STOWA), since 2013
- Member of SBRCURnet commissie 1691, Gewapende grondconstructies, since 2014
- Member of the Technical Committee TC-214: Foundation Engineering for Difficult Soft Soil Conditions, International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE), since 2014
- Member of the TC-215: Environmental Geotechnics, ISSMGE, 2010-2014
- Member of the Technical Committee TC-106: Unsaturated Soils, ISSMGE, since 2008
- Co-Chair of the II European Conference on Unsaturated Soils, Napoli, 2012
- Member of the Scientific Committee of the NUMGE 2014, Delft, 2014
- Member of the Scientific Committee of the Fifth ISGRS, Rotterdam, 2014-2015.

Prof. Frits van Tol

Professor, unit Geo-Engineering (0.4 fte, retired 01-05-2015)



Number of (co-)authored articles in peer-reviewed journals: 20 (13 in period 2008-2014)

H-index: 5 (ISI), 7 (Scopus), 11 (google scholar)

Scientific awards/prizes

- IGS 2014 Best Research

Invited lectures / keynote speeches (only international)

- DFI-EFFC Int. Conference Stockholm 2014
- TC 28 Symposium, 17th of May 2011, Roma
- Geotechnical Instrumentation and Monitoring, Org GE & NCE, London, March, 2011
- Basements & Underground Constructions, Org. EMAP & Ground Eng, London, Oct 2010
- 11th International Conference, Deep Foundation Institute, London, May, 2010
- Institution of Civil Engineers, Shell, The Hague, 2010
- 11th International Conference, Deep Foundation Institute, London, May, 2010
- International Conference on Soil Mechanics and Geotechnical Engineering (17ICSMGE). October 2009, Alexandria, Egypt
- International Conference on Soil Mechanics and Geotechnical Engineering (17ICSMGE). October 2009, Alexandria, Egypt
- Fifth International Geotechnical Seminar on Foundations on Bored and Auger Piles, Ghent, Sept 2008

Scientific Advisory Board / Committees / Jurys

- 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
- Promoter of 5 PhD students
- External examiner for 1 PhD student
- Chairmen of Scientific Committee of ISGSR 2015

Dr Ronald Brinkgreve

Associate professor, unit Geo-Engineering (0.3 fte)



H-index: 3 (ISI), 6 (Scopus), 18 (google scholar)

Number of (co-)authored articles in peer-reviewed journals: 8 (3 in period 2008-2014)

Invited lectures / keynote speeches

- GiD conference, Ibiza, May 8-9, 2008
- Fugro, Oakland, January 12, 2009
- SEMR, Madrid, April 22, 2009
- GeolInstall workshop, Glasgow, June 1, 2011
- 3TU-AMI seminar, Den Haag, October 27, 2011
- Geotechniekdag, Breda, November 10, 2011
- Swedish Foundation Day, Stockholm, March 8, 2012
- COMGEO III, Krakow, November 29, 2013
- Workshop Numerical Methods in Geotechnics, Hamburg, September 24-25, 2013
- DFIMEC, Dubai, April 3, 2014

Scientific Advisory Board / Committees/Jurys

- Member of the NAFEMS Geotechnical Committee

Editorships

- NAFEMS publication 'Validating Numerical Modelling in Geotechnical Engineering'

Other

- Co-applicant of STW project '3D Numerical and Experimental Modelling of Installation Effects of Driven Piles' (supervision of 1 PhD student and 1 PostDoc)
- Organising Committee NUMGE 2014

Dr Amin Askarinejad

Assistant professor, unit Geo-Engineering (1 fte, since 10-05-2014)



Number of (co-)authored articles in peer-reviewed journal papers: 6 (all in period 2008-2014)

H-index: 3 (ISI), 4 (Scopus), 8 (google scholar)

Invited lectures / keynote speeches

- Invited lecturer at the 4th Italian workshop on landslides (2015)
- Invited speaker in “the conference and associated live test of flexible shallow landslide barrier, subjected to multiple impacts”, Geoburg AG, Lenzburg/Veltheim, Switzerland (2011).
- Lecturer at the winter school of “Numerical and Experimental Assessment of Landslides and Debris Flow” organised in the framework of the Marie Curie ITN project of “Multiscale Modelling of Landslides and Debris Flows” (2012)
- Invited lecturer at Fugro offshore, “Physical modelling in geotechnics: learning from safe failures” (2014)

Scientific Advisory Board / Committees/Jurys

- Scientific member of the project: Sustainable use of soil as a resource (NRP 68) Swiss National Foundation programme
- Scientific member of the project Triggering Rapid Mass Movements in steep terrains (TRAMM), Competence Center Environment and Sustainability of the ETH Domain (CCES)
- Scientific member of the Swiss National Science Foundation project of “Seasonal slope response in an active debris flow catchment”
- Scientific member of the FP7 project SafeLand of the European Commission

Editorships

- International Journal of Physical Modelling in Geotechnics (member of editorial panel) 1 year

Other

- Organiser of mini symposium at Interpore 2015 conference: Physical modelling of transient fluid transport and hydro-mechanical processes in porous media
- Co- Organiser of mini symposium at Interpore 2015 conference: Unsaturated poro-mechanics: experimental, theoretical and numerical studies
- Representative of Switzerland at the 4th international young geotechnical engineers conference (2008)
- Member of supervisory boards of 4 PhD projects

Dr Wout Broere

Assistant Professor, unit Geo-Engineering (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 13 (7 in period 2008-2014)

H-index: 4 (ISI), 5 (Scopus), 13 (google scholar)

Scientific awards/prizes

- Editor's choice Award, 2014, Canadian Geotechnical Journal for R. Spruit, F. van Tol, W. Broere, E. Slob, and E. Niederleithinger. "Detection of anomalies in diaphragm walls with Crosshole Sonic Logging".

Invited lectures / keynote speeches

- "Urban Problems - Underground Solutions", ITA World Tunnelling Congress Open Session, 2012
- "Selection Criteria for Face Support of Microtunnelling TBMs", ISTT No-DIG, Sydney, Australia, 2013
- "Trends in Trenchless Technologies", NSTT No-DIG Event, Vijfhuizen, 2013
- (selected lectures only)

Scientific Advisory Board / Committees/Jurys

- Board Member International Society for Trenchless Technologies (ISTT), International Director for NSTT
- Member Trenchless Engineering International Research Academic Council (TEIRAC)
- Board Member Nederlandse Vereniging voor Sleufloze Technieken en Toepassingen (NSTT)
- Chairman Jury for the NSTT NoDIG Award
- Member Raad van Toezicht Stichting Pipeliner
- Animateur Working Group 20 Urban Problems – Underground Solutions of the International Tunnelling and Underground Space Association (ITA)
- Board Member ITA Committee on Underground Space (ITACUS)
- Member TC204 (formerly TC28) Underground Construction in Soft Ground of ISSMGE
- (selection of board and committee memberships only)

Training for peers

- "Modelleren van grondverdringende palen", PAO Paalfunderingen 2008-2011
- PLAXIS courses, Standard, Advanced, and 3D, various locations worldwide

Editorships

- Tunnelling and Underground Space Technology (Ed./Ass. Ed.), 6 years

Other

- Member of the STW Jury for the evaluation of STW projects, 2011

Dr Dominique Ngan-Tillard

Assistant professor, unit Geo-Engineering



Number of (co-)authored articles in peer-reviewed journals: 20 (13 in period 2008-2014)

H-index: 4 (ISI), 4 (Scopus), 6 (google scholar)

Scientific awards/prizes

- 2014 ASPASIA grant

Scientific Advisory Board / Committees/Jurys

- Coordinator of the Centre for Global Cultural Heritage and Development housed by Leiden, Erasmus and Delft Universities for the Faculty of Civil Engineering and Geosciences
- Member of the board of Ingeokring, the Dutch association for Engineering Geology
- Representative of the Dutch group of the ISRM
- Member of ISRM suggested testing methods work group on needle penetration testing
- Member of advisory board for Geolimpuls project on more reliable ground models
- Member of CUR workgroup on risk driven site investigation, from planning phase to realisation phase

Dr Leon van Paassen

Assistant professor, unit Geo-Engineering (1.0 fte, since 01-09-2009)



Number of (co-)authored articles in peer-reviewed journals: 8 (7 in period 2008-2014)

H-index: 5 (ISI), 6 (Scopus), 11 (google scholar)

Scientific awards/prizes

- JSPS Shortterm Research Fellowship to Kyushu University, Fukuoka, Japan, collaboration with Dr Akiko Nakano and Dr Motohei Kanayama.
- Young Member Award 2009 of International Society for Soil mechanics and Geotechnical Engineering (ISSMGE)
- Leo Petrus Innovation Trophy: From sand to sandstone with waste as cement (100 kE)

Invited lectures / keynote speeches

- Van Paassen, LA, Van Wijngaarden, WK, Van der Star, WRL, Van Zwieten, G, van Baalen, L, 2013, Field trials in biocementation: modeling and monitoring, 5th International Conference on Porous Media & Annual Meeting, Interpore 21 - 24 May, 2013, Prague, Czech Republic (invited lecture)
- Van Paassen LA (2012) Bio-mediated ground improvement from concept to field application, 22nd V.M. Goldschmidt conference, Earth in Evolution, 24-29 June 2012, Montreal, Canada (keynote lecture)

Scientific Advisory Board / Committees/Jurys

- Jury 327 STW Open Technology Program 2014

Training for peers

- Deltares Geoacademy: Dike Safety 2010, 2012
- KiVi course Soil Characterization (in Dutch "Handen aan de Grond") 2014-2015
- Lecturer PAO course "Engineering Geology" (in Dutch: "Ingenieursgeologie in het Buitenland") 2010

Editorships

- Editor Proceedings Young Geotechnical Engineering Conference 2011, Rotterdam
- Editor Ingeokring Newsletter, 2009-recent

Other

- Principal Investigator/Projectleader STW project Lift up Lowlands 2011-2016: Upgrading dredged sediments for sustainable lift up of low lying polder areas.
- Principal Investigator/Projectleader STW Project Biofix 2011-2016: Bio-mediated ground improvement to mitigate liquefaction and piping of granular sediments.
- Member of the Organizing Committee of the International Workshop on Bio-soils, Cambridge University, UK, 2011.
- Member of the Organizing Committee of the European Young Geotechnical Engineers Conference, Rotterdam, The Netherlands, 2011.
- Author of 2 Patents.
- Author of 8 consultancy reports for various industrial clients, mostly about characterization of geomaterials, such as iron ore, bauxite, rock wool,... Key note and invited speaker at various conferences
- Supervisor of 9 PhD students, 25 MSc students, 16 BSc students
- Various contributions to popular media.

Dr Federico Pisanò

Assistant professor, unit Geo-Engineering (1.0 fte, since 01-11-2014)



Number of (co-)authored articles in peer-reviewed journals: 12 (10 in period 2008-2014)

H-index: 2 (ISI), 2 (Scopus), 4 (google scholar)

Scientific awards/prizes

- “Leo Finzi prize” awarded by “Istituto Lombardo Accademia di Scienze e Lettere” (Italy) for outstanding MSc dissertations in the field of Structural and Continuum Mechanics.

Invited lectures / keynote speeches

- Invited seminar at D’Appolonia SpA (2010 – Genova, Italy) entitled “Numerical modelling of seismically loaded earth slopes”
- Invited seminar at Northwestern University (2013 – Evanston, IL, USA) entitled “Reconciling traditional and advanced cyclic soil modeling in Geotechnical Earthquake Engineering”
- Invited seminar at University of California Davis (2014 – Davis, CA, USA) entitled “Modelling non-linear soil-structure interaction in disconnected piled rafts”

Scientific Advisory Board / Committees/Jurys

- Member of the Technical Committee ISSMGE TC 209 “Offshore Geotechnics”

Training for peers

- “Structural & Geotechnical Engineers Handshake for Seismic Soil-Foundation-Structure Interaction Analysis & Design” at TNO DIANA (Delft, Netherlands). Lecture entitled “Combining Finite Element simulation and Macroelement modelling for dynamic soil-structure interaction”

Other

- 1 PhD student supervised to completion, 1 starting in October 2015

Dr Philip J Vardon

Assistant professor, unit Geo-Engineering (1.0 fte, since 01-01-2012)



Number of (co-)authored articles in peer-reviewed journals: 14 (11 in period 2008-2014)

H-index: 2 (ISI), 3 (Scopus), 4 (google scholar)

Invited lectures / keynote speeches

- Invited lecture at Fugro (2012).
- Co-chair of mini-symposium on Soil-Atmosphere Interaction at IACMAG (2014) – Kyoto.

Scientific Advisory Board / Committees / Jurys

- External report on 1 PhD thesis.

Training for peers

- Short course Fugro Engineers (2014).
- Lecturer on IAEA course on numerical modelling (2008) (Cardiff University).

Editorships

- Environmental Geotechnics (Reviewing Editor), 1 year.
- Computers and Geotechnics (Editorial Board), 0 years.

Other

- Co-promotor of 3 PhD projects.
- Supervision of 1 Postdoctoral researcher.
- Reviewer prize Computers and Geotechnics (2013 and 2014).

Appendix U5.4

Staff reputation lists of the unit Geo-Resources

Prof. William R Rossen (unit leader)
Professor, unit Geo-Resources (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 78 (26 in period 2008-2014)

H-index: 16 (ISI), 22 (Scopus), 32 (google scholar)

Scientific awards/prizes

- IOR Pioneer, SPE/DOE Symposium in Improved Oil Recovery, Tulsa, OK, April 2012.
- Outstanding Service award as Associate Editor for Society of Petroleum Engineers, 2014.

Invited lectures / keynote speeches

- Gravity Override in CO₂ EOR and Foam; also CO₂ Foam (two invited lectures) SPE Applied Technology Workshop on CO₂ EOR Projects: Opportunities and Challenges in the Middle East, Abu Dhabi, Oct. 4, 2010.
- Foam Generation for Improved Sweep Efficiency in Enhanced Oil Recovery, Dept. of Earth Science and Engineering, Imperial College, London. June 7, 2011.
- Foam for Enhanced Oil Recovery, Annual Petroleum Research School of Norway PhD Seminar, Stavanger, Norway, Nov. 2, 2012.
- Foam Generation for Improved Sweep Efficiency in Enhanced Oil Recovery. IFP Energies Nouvelles, Paris, France, Oct. 24, 2012.
- Complexity and Simplicity in Modeling Foam Enhanced Oil Recovery, Shell Centennial Conference on Rock & Fluid Physics: Academic and Industrial Perspectives, Sept. 15, 2014; also same presentation at Upstream Petroleum Symposium, King Abdulla University of Science and Technology, Nov. 14, 2014.
- Other talks to U of Texas at Austin, Rice U., Louisiana State U., Heriot-Watt U., U. of Bergen.

Training for peers

- Foam for Enhanced Oil Recovery, 4-day short course, PEMEX, Ciudad del Carmen, Mexico, Nov. 2008
- Principles of Application of Foam for Enhanced Oil Recovery. One-day short course, CEPISA, Madrid, Spain, Sept. 2009.
- Application of Foam for Enhanced Oil Recovery. One-day short course in conjunction with EAGE IOR Symposium, Paris, April 2009.
- Foam for Enhanced Oil Recovery (with Rouhi Farajzadeh), 5-day course, Kuala Lumpur, Malaysia, July 2013.
- Delft Summer Schools on Enhanced Oil Recovery, June/July 2013, 2014. Topics: Foam for EOR (2013) and Surfactant and Polymer EOR (2014).

Editorships

- *SPE Journal* (Assoc. Editor (2008-2014))

Other

- Co-author of *Fundamentals of Enhanced Oil Recovery*, Society of Petroleum Engineers, 2014.
- Member, Organizing Committee, European Symposium on Improved Oil Recovery, 2009-2014.

Prof. Jan Dirk Jansen

Professor, unit Geo-Resources (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 41 (21 in period 2008-2014)

H-index: 14 (ISI), 15 (Scopus), 25 (Google scholar)

Scientific awards/prizes

- SPE Cedric K. Ferguson Certificate (2011).
- Allan Cox Dean's Fellowship, Stanford University (September 2010 – June 2011).

Invited lectures / keynote speeches (selection)

- Systems and control theory for increased oil recovery. Opening of the National IOR Centre of Norway, Stavanger, Norway, 26 March 2014.
- Control and optimization of subsurface flow. 2013 SIAM Conference on Computational Science and Engineering, Boston, USA.
- System-theoretical aspects of oil and gas reservoir history matching. IMA Workshop on Large-scale Inverse Problems and Quantification of Uncertainty, Minneapolis, USA, 2011.
- Adjoint-based optimization of multiphase flow through porous media. 10th Conference on Numerical Methods for Fluid Dynamics (ICFD 2010), Reading, UK

Scientific Advisory Boards / Committees/Jurys (selection)

- Member of the Groningen Scientific Advisory Committee of the Dutch Ministry of Economic Affairs.
- Invited expert in public hearing on shale gas of the Dutch parliament, The Hague, 2013.
- Member of the Executive Board of CATO 2 (Dutch national program for capture, transport and storage of CO₂).

Training for peers

- Data assimilation and optimization for subsurface flow control *Summer School on Data Assimilation (SSDA 2013)*, Babes – Bolyai University, Cluj-Napoca, Romania, 2013.
- Closed-Loop Reservoir Management and Production Optimization, *Industry course*. Petrobras, Rio de Janeiro, Brazil, 2013.
- Reservoir simulation and adjoint-based production optimization. *Winter School on Closed-Loop Reservoir Management*. LabMath Institute, Lawangwangi, Bandung, Indonesia, 2012.

Editorships

- Since January 2014: Associate editor for Computational Geosciences.
- Since January 2011: Member of the advisory board for Springer Briefs in Earth Sciences.
- January 2009 – December 2013: Editor-in-chief for Computational Geosciences

Other (selection)

- Number of PhD students graduated (2008-2014): 11
- Member of the program committee for the 2009, 2011, and 2013 SPE Reservoir Simulation Symposium, Houston, USA.
- Member of the organizing committee for the 2008 (chairman), 2010, 2012 and 2014 EAGE European Conference on Mathematics in Oil Recovery (ECMOR XIV).

Prof. P.L.J. Zitha

Professor, unit Geo-Resources (1.0 fte)



Number of (co-)authored articles in peer-reviewed journals: 66 (35 in period 2008-2014)

H-index: 15 (ISI), 19 (Scopus), 23 (google scholar)

Scientific awards/prizes

- 2013 Regional Reservoir Description and Dynamics Award Recipients

Invited lectures/keynote speeches

- 8 – 11 March 2015: Invited Speaker, Discussion Leader, Foam and Chemical EOR, Kota Kinabalu, Malaysia,
- 13-14 March 2008: Invited Speaker and Discussion Leader, Vulnerability and Opportunity of Methane Hydrates Workshop, Laxenburg, Austria
- 16-19 January 2011: SPE Applied Technology Workshop (ATW), Chemical Flooding-EOR” Langkawi, Malaysia
- 7-9 November 2014: Invited speaker at the Southern North Sea Gas Well Salt Precipitation Forum

Scientific Advisory Board/Committees/Jurys

- 2013-present: Member of the Geneva Petroleum Club, Switzerland
- 2013-present: Member of the Malaysian Petroleum Club, Malaysia
- 2007-present: Board of the Royal Academy of Engineers Oil and Gas Section (KIVI-NIRIA), The Netherland
- 2007–2010: Member of the SPE Research and Development Advisory Committee
- 2010-2013: Member of the SPE Management and Information Advisory Committee

Training for peers

- 1–2 Jun 2015: Short Course on Formation Damage in Produced Water Re-Injection and Water Flooding, Budapest, Hungary
- 07-18 July 2014: Short Course in Natural Gas Engineering in the Mozambique Winter School on Energy organized by the University of Maastricht
- 07-15 October 2013 Reservoir Management and Production Engineering in the Master of Petroleum Geology, Anton de Kom University, Faculty of Applied Sciences
- Short Course on Formation Damage in Produced Water Re-Injection and Water Flooding, 1–2 Jun 2013, Budapest, Hungary
- Short Course on Formation Damage in Produced Water Re-Injection and Water Flooding, 1–2 Jun 2011, Scheveningen, The Netherlands
- October Short Course on Natural Gas Engineering

Other

- Chairman, SPE European Formation Damage Conference, 8-11 June 2011, Noordwijk, The Netherlands
- Chairman, SPE European Formation Damage Conference, 25-27 May 2009, Scheveningen, The Netherlands
- Member of the Scientific Programme Committee SPE Research and Development Conference, August 2009, 2011
- Member of the Carbon Capture and Sequestration (CCS) Task force at the Delft University of Technology, 2007– 2010
- 3 PhD defence committee : (France 1, Norway 2, UK 1)

Prof. David Bruhn

Professor, unit Geo-Resources (0.3 fte, since 1-10-2013)



Number of (co-)authored articles in peer-reviewed journals: 15 (6 in period 2008-2014)

H-index: 7 (ISI), 7 (Scopus), 11 (google scholar)

Invited lectures / keynote speeches

- EAGE 76th Annual Conference & Exhibition Amsterdam 2014

Scientific Advisory Board / Committees/Jurys

- Advisor to the European Geothermal PhD Day since 2010
- Reviewer for numerous international proposals on geothermal RTD (since 2006)

Training for peers

- Geothermal capacity building in Indonesia (since 2010)

Editorships

- Geothermics (Ass. Ed) 5 years
- Geothermics (Guest editor for 2 special volumes)
- Geological Society of London, Special publications (1 volume)

Other

- Co-ordinator EU project GEISER (2010-2013)
- Organiser final conference of GEISER on induced seismicity, Napoli/Italy, May 2013
- Organiser final conference of I-GET project on geothermal exploration, Potsdam, Feb 2009
- Invited to 3 PhD committees in the Netherlands since appointment at TU Delft (at TU Delft, Utrecht University and Wageningen University)

Dr Mike Buxton

Associate Professor, unit Geo-Resources (1.0 fte, since 08-08-2011)



Number of (co-)authored articles in peer-reviewed journals: 3 (1 in period 2008-2014)

H-index: 1 (ISI), 2 (Scopus), 4 (google scholar)

Scientific awards/prizes

N/A

Invited lectures / keynote speeches

- **Buxton, M, Benndorf, J (2014, Apr.).** Study to investigate the state of knowledge of Deep Sea Mining. Workshop on the technological aspects of Deep Sea Mining, Plenary Session. EU study to investigate the state of knowledge of deep-sea mining commissioned by EU DG Maritime Affairs and Fisheries, Brussels, ECORYS.
- **Buxton, M, Benndorf, J & Roche, C (2014, Apr.).** Study to investigate the state of knowledge of Deep Sea Mining. Land-based mining vs. seabed mining: an environmental perspective. EU study to investigate the state of knowledge of deep-sea mining commissioned by EU DG Maritime Affairs and Fisheries, Brussels, ECORYS.

Scientific Advisory Board / Committees/Jurys

N/A

Training for peers

- Introduction to Mineral Exploration: 3 day course for Sandvik Mining (given in Netherlands, Canada, Sweden, Australia)
- Introduction to Mining: 1 day course for Sandvik Mining (given multiple occasions in Netherlands, Sweden)

Editorships

N/A

Other

- Coordinator Eu H 2020 Real Time Mining (jointly with Joerg Benndorf)
- Supervisor of 3 PHD projects & 1 PostDoc

Dr Jörg Benndorf

Assistant Professor, unit Geo-Resources (1.0 fte, since 01-04-2012)



Number of (co-) authored articles in peer-reviewed journals: 11 (8 in period 2008-2014)

H-index: 1 (ISI), 3 (Scopus), 6 (google scholar)

Invited lectures / keynote speeches

- MC Gill University, Montreal in June 2013: "Real-Time Reconciliation of Reserve Models and Optimization utilizing Online Production Data" - Key note during the technical day
- European Commission, Brussels in May 2014: "Study to investigate the state of knowledge of deep-sea mining"
- Engineering Society of Portugal, Lisbon in September 2014: "Deep Sea Mining: State-of-the-Art and Future Perspectives"

Scientific Advisory Board / Committees/Jurys

- Scientific committee conference "Minin 2010", IV international conference in on mining innovation in Santiago de Chile
- Member of the scientific committee of the international conference Mine Planning and Equipment Selection „MPES“, 2013 in Dresden, Germany and 2015 in South Africa

Other

- Project leader *RTRO-Coal* (multi-national, multi-partner EU/RFCS-funded project)
- Project leader *Real-Time Mining* (multi-national, multi-partner EU/Horizon 2020-funded project) , jointly with Dr Mike Buxton
- Coordinator of industry project *Resource Modelling and Mine Optimization for Marine Mining*
- Supervisor of 4 PhD's and 1 PostDoc position

Dr Hadi Hajibeygi

Assistant Professor, unit Geo-Resources (1.0 fte, since 08-01-2013)



Number of (co-)authored articles in peer-reviewed journals: 10 (7 in period 2008-2014)

H-index: 6 (ISI), 8 (Scopus), 11 (google scholar)

Scientific awards/prizes

- ETH Zurich Medal, 2012.

Invited lectures / keynote speeches

- Acceptable Solutions to Uncertain Nonlinear Subsurface Flow Problem: mass conservative multiscale methods, Heriot-Watt University, 24 April 2015.
- Next-generation Multiscale-based Reservoir Simulators, 13 and 14 May 2014, CVX/SLB INTERSECT ALLIANCE TECHNOLOGY, Schlumberger Abingdon Technology Centre, OX, UK.
- Recent Advances in the MSFV-Based Next-Generation Reservoir Simulators, 22 April 2013, Centrum Wiskunde & Informatica (CWI), Amsterdam, The Netherlands.
- Multiscale Finite Volume Method for Simulation of Multiphase Flow in Heterogeneous Porous Media with Deterministic Parameters, 10-16 February 2013, Mathematisches Forschungsinstitut Oberwolfach (MFO), Oberwolfach, Germany.
- Multiscale Finite Volume Method for Compositional Displacements, 7 May 2013, Stanford University, California, USA.

Dr Jack Voncken

Assistant Professor, unit Geo-Resources



Number of (co-)authored articles in peer-reviewed journals: 26 (9 in period 2008-2014)

H-index: 9 (ISI), 9 (Scopus), 11 (google scholar)

Invited lectures

- KIVI-NIRIA, 01-11-2010. Title Lecture: Rare Earth Elements, Occurrences, Production and Applications (In Dutch) . (KIVI = Royal Dutch Institute for Engineers).
- SPARKS-lecture Geotechnology, 11-01-2011. Title Lecture: Rare Earth Elements, Occurrence, Production, and Applications.
- SCIENCE PORT HOLLAND, Seminar Rare Earth Elements, March 1, 2011, Delft. Rare Earth Elements, Occurrence and Applications.
- KIVI-NIRIA, 03-10-2011, Title Lecture: Geological Processes behind Deep Sea Ore deposits
- PARLIAMENTARY COMMISSION of the political party VVD, 25-10-2011, Presentation and Discussion with respect to the world-wide REE-crisis. Title Presentation: Rare Earth Elements, Occurrence, Production, and Applications.
- GEA Friesland, 18-01-2012, Title Lecture: Rare Earth Elements, Occurrence, Production, and Applications.
- Royal Dutch Chemical Association (KNCV - Koninklijke Nederlandse Chemische Vereniging, Section Groningen. Haren, Groningen (10 – 04 – 2014). Title Lecture: Rare Earth Metals and Lithium

Scientific Advisory Board / Committees/Jurys

- Scientific committee of Applied Earth Science 2009 – 2010
- Reporter for ERA-MIN (network of European organisations owning and/or managing research programs on raw materials): THE FIRST ERA-MIN JOINT CALL ON SUSTAINABLE AND RESPONSIBLE SUPPLY OF PRIMARY RESOURCES, 2013.

Other

- Co-supervisor of 1 PhD-project (Zhan Zhang - Thermodynamics of Slag Formation in Multi-component Oxide Systems in Thermal processing of Solid Waste, 2013).
- Interviews: 12 (a.o.: NRC-Next (2010), De Volkskrant (2010), VPRO Labyrinth (television, 2013), RTL-News (2014), Elseviers Magazine (2015). Subjects a.o.: Rare Earths, Deep Sea Ore Deposits

Dr Rouhi Farajzadeh

Assistant Professor, unit Geo-Resources (0.2 fte, since 01-06-2012)



Number of (co-)authored articles in peer-reviewed journals: 31 (24 in period 2008-2014)

H-index: 12 (ISI), 13 (Scopus), 20 (google scholar)

Scientific awards/prizes

- Best Paper Award in Recovery Mechanisms, SPE Annual Conference, Florence, 2010.
- 2014 top 10 Associate Editor for Journal of Petroleum Science and Engineering, 2014.
- Outstanding reviewer for Journal of Petroleum Science and Engineering, 2015.
- Special Recognition Award (SRA) for Teaching, Shell, 2015.
- Special Recognition Award (SRA) for GameChanger Idea on use of nanoparticles for Foam EOR, Shell, 2013.

Invited lectures / keynote speeches

- Enhanced Transport Phenomena in CO₂ sequestration, 2015, University of Texas at Austin
- Foam assisted gas oil gravity drainage in naturally fractured reservoirs, 2015, Rice University.
- Chemical EOR from lab to field. 2015, Rice University.
- Effect of heterogeneity on behaviour of CO₂ mass transfer, 2011. Utrecht university

Training for peers

- Fractional flow theory for EOR processes, PDO, Muscat, March 2015
- Enhanced Oil Recovery, PDO, Muscat, Oman, October 2015
- Geochemistry and flow in porous media (together with Dr Larry Lake and Dr Marten Buisje) Shell, Rijswijk, 2013
- Foam for Enhanced Oil Recovery (with Dr Bill Rossen), 5-day course, Kuala Lumpur, Malaysia, July 2013.
- Numerous courses in Shell, Rijswijk, 2011-2015.

Editorships

- *Journal of Petroleum Science and Engineering* (Assoc. Editor (2013-Present))

Other

- Co-author of Book Chapter: Density-driven natural convection flow of CO₂ in heterogeneous porous media IN Computational Models for CO₂ Geo-sequestration & Compressed Air Energy Storage 12 Edited by: Rafid Al-Khoury, Jochen Bundschuh. CRC Press Sustainable Energy Developments isbn:9781138015203.
- Member of Technical committee of SPE/DGS Annual Technical Symposium and Exhibition, Saudi Arabia, 2010
- Member of SPE CO₂ Capture, Storage and Utilization committee, 2011-Present
- Certified Reviewer for American Chemical Society, 2011-Present
- Adjunct Professor, Department of Chemical and Biomolecular Engineering, Rice University, 2015
- Visiting Scholar, Rice University, 2012-2015.

Prof. Herman Russchenberg
Professor, unit Atmosphere



Number of (co-)authored articles in peer-reviewed journals: 91 (25 in period 2008-2014, of which 2 as first author).

H-index: 13 (ISI), 14 (Scopus), 20 (Google Scholar).

Invited lectures / keynote speeches

- Invited lecture AEROCOM meeting, Hamburg 2013
- Invited lecture EARLINET meeting, Lecce, Italy, 2013
- Invited lecture University of Warsaw, Poland, 2013.

Scientific Advisory Board / Committees/Jurys (selection)

- Jury member NWO-ALW Polar Program
- Scientific Advisory Board CLEEN Oy., Helsinki, Finland
- Scientific Steering Committee ACTRIS

Training for peers

- Courses at the ITARS Summerschool in Juelich, Germany, 2014.
- Radar meteorology lecture at the University of Leuven, 2012

Editorships

- Guest editor of the Atmospheric Chemistry and Physics journal (2015)

Other

- Chairman of the TU Delft Climate Institute
- Chairman of the Executive Management Team Cesar/Cabauw
- Member of the Scientific Steering Committee Cesar/Cabauw

Prof. Harm Jonker
Professor, unit Atmosphere



Number of (co-)authored articles in peer-reviewed journals: 76 (33 in period 2008-2014, of which 3 as first author).

H-index: 19 (ISI), 20 (Scopus), 31 (Google Scholar).

Scientific awards/prizes

- "NWO/SARA Wim Nieuwpoort prize" for supercomputing in the Netherlands (2010).

Invited lectures / keynote speeches

- Keynote lecture, Annual Symposium of the Berkeley Atmospheric Sciences Center, Berkeley, US. February 2015
- Invited lecture meeting of the Center for Multiscale Modeling of Atmospheric Processes (CMMAP), Fort-Collins (CO), US. Aug. 2014
- Invited lecture, Fundamental Aspects of Geophysical Turbulence, Nagoya, Japan, March 2014
- Invited lecture 11th International Precipitation Conference Ede-Wageningen, The Netherlands. July 2013
- Keynote lecture 7th international Symposium on Turbulence, Heat and Mass Transfer, Sicily, September 2012
- Invited lecture GTP meeting on Multiphase Turbulent Flows in the Atmosphere and Ocean, Boulder, August 2012
- Invited seminars, Michigan (2014), NCAR (2014), Warsaw (2014), Uppsala (2013) .

Scientific Advisory Board / Committees/Jurys (selection)

- Imperial College London, Centre for Doctoral Training in Fluid Dynamics across Scales: member of the Industrial and Academic Advisory and Steering Committee (IAASC)
- Member of the Committee for Scientific Usage of Supercomputers, Advisory Committee NWO (Dutch National Science Foundation)
- Member of Career Development Committee (CiTG).
- Jury member NWO middle-sized investments, Jury member NWO/ALW

Training for peers

- Summerschool *Bridging the gap between atmospheric scales*. Wageningen 2012.
- Summerschool *Biogeochemistry and -physics of the lower atmosphere*. Cyprus, 2010
- Atmospheric Boundary Layers: Concepts, Observations, and Numerical Simulations, Les Houches, France, 2008

Other

- Appointed as AVL professor at TU Delft (2009)
- Affiliate scientist at the National Center for Atmospheric Research, Boulder (CO), 2009-2012, 2012-2015, 2015-2018
- Promotor of 12 PhD students (8 finished, 3 ongoing, 1 stopped).
- Member of 32 PhD committees (external 24: Delft 11, NL 11, EU 2).

Prof. Peter Hoogeboom
Professor, unit Atmosphere



Number of (co-)authored articles in peer-reviewed journals: 101 (30 in period 2008-2014, of which 3 as first author).

H-index: 10 (ISI), 11 (Scopus), 17 (Google Scholar).

Invited lectures / keynote speeches

- SAR/ satellite lectures upon invitation with China Academy of Space Technology in Beijing, China (2015).

Scientific Advisory Board / Committees/Jurys (selection)

- Research assessment committee NLDA (2015)
- Education assessment committee NLDA (2008)
- National Jury committees for NWO, STW and NSO

Training for peers

- SAR/ satellite workshops upon invitation with the Mexican space Agency in Merida, Mexico (2013).
- SAR workshops at various conferences on reconnaissance and surveillance in U.K. (2006-2012)
- PATO radar courses (last in 2014)

Editorships

- - Special issue International journal of Microwaves and Wireless Technologies (2009)

Other

- Principal Investigator Dutch PanelSAR satellite radar project
- Promotor of 8 PhD students (6 finished, 2 ongoing).
- Member of many (>20) PhD committees, both internal and external.
- (Co)-Author of several patents.

Prof. Pieter Levelt
Professor, unit Atmosphere



Number of (co-)authored articles in peer-reviewed journals: 96 (29 in period 2008-2014, of which 2 as first author).

H-index: 29 (ISI), 26 (Scopus), 33 (Google Scholar).

Invited lectures / keynote speeches

- Invited, Observing Atmospheric Composition from Space, AMS, New Orleans, USA January 2012.
- Invited, Observing Atmospheric Composition from Space, NASA Branch Talk, NASA GSFC, USA January 2012.
- Invited, presenter in Panel Instrumentation, EU Space workshop, Brussels, 30 & 31 January 2013.
- Invited, Environmental satellite data and their use for societal and economic benefits, Geospatial Platform, Rotterdam, The Netherlands, May 2013
- Invited, Emission monitoring with OMI and TROPOMI and the European atmospheric satellite program, NOAA, Boulder, Colorado, May 2013
- Invited, Advances in UV/VIS/NIR/SWIR spectrometry from satellites and their potential for operational applications, EU project GMES_PURE/MACC workshop, June 12, 2013.
- Invited, OMI and TROPOMI: implications for GEMS, GEMS meeting, Seoul, South Korea, October 2013.
- Invited, Netherlands Solutions from space for global climate challenges, main podium Holland exhibit, Hannover Messe, April 2014.
- Invited Seminar on Symposium for Prof. John Gille, NCAR, Boulder, Colorado, Nov. 2014

Scientific Advisory Board / Committees/Jurys (selection)

- Chair International OMI Science Team
- Chair ESA's s5p/TROPOMI Mission Advisory Group.
- Member of the International Ozone Commission (since September 2012)
- Member of the ESF-ESSC board since October 2008-2014
- Member ESA's sentinel 4 and 5 Mission Advisory Group.

Other

- PI OMI instrument
- Head Climate Observations KNMI
- Inaugural Address, Oog voor Klimaat en Luchtkwaliteit, TU Delft, October 2012

Prof. Pier Siebesma
Professor, unit Atmosphere



Number of (co-)authored articles in peer-reviewed journals: 68 (23 in period 2008-2014).

H-index: 27 (ISI), 26 (Scopus), 29 (Google Scholar).

Invited lectures / keynote speeches

- • On average 5 per year.

Scientific Advisory Board / Committees/Jurys (selection)

- Member Scientific Advisory Board: High Definition Clouds and Precipitation for Climate Prediction (see www.hdcp2.eu)
- Member Scientific Advisory Board: GEWEX GASS (Global Atmospheric System Studies)
- Member Scientific Advisory Board: CFMIP Cloud Feedback Model Intercomparison Project 2010-2015)
- Coordinator of the EUCLIPSE FP7 project on cloud-climate feedbacks (2010-2014)

Training for peers

- Organizer: EUCLIPSE Summerschool on Clouds and Climate 2013: Les Houches, France (www.euclipse.eu/summerschool)
- Lecturer: Summerschool on Model Development, Hamburg, German June 2015
- Lecturer: Advanced Training Module on “Clouds in the Global Climate System” Leipzig, Germany, September 2015.
- Lecturer: Athens-Programme: Climate Change and Ethics: Delft, Netherlands , March 2015.

Other

- Senior scientist in the R&D Modeling Division of KNMI
- Promotor of 7 PhD students (5 finished In 2008-2015), 2 ongoing).
- Member of 13 PhD committees (of which 4 external).

Dr Stephan de Roode

Assistant Professor, unit Atmosphere



Number of (co-)authored articles in peer-reviewed journals: 34 (10 in period 2008-2014, of which 4 as first author).

H-index: 12 (Scopus), 15 (Google Scholar).

Invited lectures / keynote speeches

- AMS Boundary-Layer Turbulence, board member
- Invited lecture at the Univ Cologne, Dec 2014
- Invited lecture at TROPOS, Leipzig, Dec 2014
- Invited talk at the AGU Fall Meeting, San Francisco, 2012.

Scientific Advisory Board / Committees/Jurys (selection)

- Jury member NWO Meervoud, 2013.
- Leader of EUCLIPSE WP3, "Process Level Evaluation"
- Leader of various LES modeling intercomparison projects (EUCLIPSE/GASS ASTEX Lagrangian, Grey Zone)

Training for peers

- Summerschool(s) EUCLIPSE

Other

- ~~Chairman of the TU Delft Climate Institute~~
- ~~Chairman of the Executive Management Team Cesar/Cabauw~~
- ~~Member of the Scientific Steering Committee Cesar/Cabauw~~



Dr Pepijn Veefkind

Associate Professor, unit Atmosphere

Number of (co-)authored articles in peer-reviewed journals: 82 (40 in period 2008-2014, of which 2 as first author).

H-index: 32 (ISI), 27 (Scopus), 32 (Google Scholar).

Invited lectures / keynote speeches

- • Target Seminar, 9 July 2013
- • Invited speaker at EGU.

Scientific Advisory Board / Committees/Jurys (selection)

- Alternate Delegate to the H2020 Programme Committee on Societal Challenge 6.
- Member of the European Space Sciences Committee
- Member of Mission Advisory Group for the Sentinel 5 Precursor satellite mission.
- Science Advisory Group for the South Korean GEMS satellite instrument.
- Scientific Committee for the ATMOS 2015 ESA Workshop
- Scientific Committee for the DOAS Workshop 2015
-

Other

- Principal Investigator of the Tropospheric Monitoring Instrument (TROPOMI)
- Deputy Principal Investigator of the Ozone Monitoring Instrument (OMI)
- Lead of the Level 2 Working Group for the ESA Sentinel 5 Precursor

Dr Yann Dufournet

Assistant Professor (TT), unit Atmosphere



Number of (co-)authored articles in peer-reviewed journals: 8 (8 in period 2008-2014, of which 1 as first author).

H-index: 5 (ISI), 5 (Scopus), 5 (Google Scholar).

Scientific Advisory Board / Committees/Jurys (selection)

- Chairman microphysics working group HYMEX

Dr Tim Vlemmix

Assistant Professor (TT), unit Atmosphere



Number of (co-)authored articles in peer-reviewed journals: 8 (6 in period 2008-2014, of which 4 as first author).

H-index: 6 (ISI), 6 (Scopus), 8 (Google Scholar).