

Neslihan Taş, Ph.D.

Lawrence Berkeley National Laboratory Earth Sciences Division • 1 Cyclotron Road,
MS 70A-3317 Berkeley, CA 94720 • Tel: (510)-486-5538 • Fax: (510)-486-7152

• Email: ntas@lbl.gov

Education

- 2004 – 2008 **PhD.** Wageningen University, Laboratory of Microbiology, NL
2002 – 2004 **MSc.** Wageningen University, Department of Environmental Technology, NL
1997 – 2002 **BSc.** Marmara University, Environmental Engineering Department, TR

Work Experience

- 2014 – Scientist, Lawrence Berkeley National Laboratory, USA
2011 – 2014 Postdoctoral research fellow, Lawrence Berkeley National Laboratory, USA
2008 – 2010 Postdoctoral research fellow, Vrije Universiteit, Amsterdam, NL
2004 – 2008 Junior research associate, Wageningen University, NL
2006 – 2007 Researcher, Institute of Environmental Genomics, Oklahoma University, OK

Projects

- 2011 - Lawrence Berkeley National Laboratory, Ecology Department, Berkeley, CA
- Microbial evolution of Arctic ecosystems in a changing climate (DOE-NGEE Next generation ecosystem experiments-Arctic)
 - Belowground Carbon Cycling
 - Effect of wildfires on soil CO₂ emission, carbon stabilization and microbial processes in the Northern boreal forests
 - The vanishing North: How will global climate change affect microbial genetic resources in Arctic? (collaboration with University of Bergen, Norway)
 - Integrative mapping of soil heterogeneity at the microbial scale
 - Carbon sequestration in soils via use of black pyrogenic carbon
- 2008 – 2010 Department of Molecular Cell Physiology, Vrije Universiteit, Amsterdam, NL
- Detection of natural attenuation processes in BTEX polluted aquifers with a focus on generation and analysis of metagenomic/transcriptomic sequences with GS-FLX 454 system
 - Soil microbial community structure and ecosystem function in the context of climate warming in the sub-arctic (collaboration with Department of Systems Ecology, VU)
 - Investigating long-term effects of copper contamination in agricultural soils on microbial community structure and springtails (collaboration with Department of Animal Ecology, VU)
- 2004 – 2008 Laboratory of Microbiology, Wageningen University, NL
- Development and application of molecular techniques for analysing polluted ecosystems
 - Cultivation and identification of dechlorinating anaerobic bacteria
- 2006 – 2007 Institute of Environmental Genomics, Oklahoma University, OK
- Optimization experimental protocols for microarray hybridization

- Development and application of functional gene arrays (Geochip) in polluted river sediments

Publications

1. Carrillo-Araujo M*, Taş N*, Alcántara-Hernández R, Gaona O, Schondube J, Medellín R, Jansson JK, Falcon L. 2015. Phyllostomid bat microbiome composition is associated to feeding strategies. *Frontiers in Microbiology*. In press (* shared first author)
2. Schostag M, Stibal M, Jacobsen CS, Bælum J, Taş N, Elberling B, ... & Priemé A. 2015. Distinct summer and winter bacterial communities in the active layer of Svalbard permafrost revealed by DNA-and RNA-based analyses. *Frontiers in Microbiology*, 6, 399. [\[link\]](#)
3. Jansson JK and Taş N. 2014. The microbial ecology of permafrost, *Nature Reviews Microbiology* doi:10.1038/nrmicro3262 [\[link\]](#)
4. Taş N, Prestat E, McFarland JW, Wickland K, Knight R, Asefaw Berhe A, Jorgenson T, Waldrop M, Jansson JK. 2014. Impact of fire on active layer and permafrost microbial communities and metagenomes in an upland Alaskan boreal forest. *ISME Journal* Vol.8, 1904-1919 [\[link\]](#)
5. Prestat E, David MM, Hultman J, Taş N, Lamendella R, Mackelprang R, Myrold DD, Jumpponen A, Tringe S, Holman E, Mavromatis K, Jansson JK. 2014. FOAM: Functional Ontology Assignments for Metagenomes: an Hidden Markov Models database for environmental samples annotation. *Nucleic Acids Research* [\[link\]](#)
6. The Integrative HMP (iHMP) Research Network Consortium*.2014. The Integrative Human Microbiome Project (iHMP): Dynamic analysis of microbiome-host omics profiles during periods of human health and disease. *Cell Host-Microbe* doi: 10.1016/j.chom.2014.08.014 (* contributing author within the consortium) [\[link\]](#)
7. Lamendella R, Borglin S, Chakraborty R, Strutt S, Taş N, Mason OU, Hultman J, Prestat E, Hazen T and Jansson JK. 2014. Assessment of the Deepwater Horizon oil spill impact on Gulf coast microbial communities. *Frontiers in Microbiology* doi: 10.3389/fmicb.2014.00130 [\[link\]](#)
8. Boer TE*, Taş N*, Braster M, Temminghoff EJM, Roling WFM and Roelofs D.2012. The influence of long-term copper contaminated agricultural soil at different pH levels on microbial communities and springtail transcriptional regulation. *Environmental Science & Technology* 46: 60-68 (* shared first author) [\[link\]](#)
9. Weedon JT, Kowalchuk GA, Aerts R, van Hal J, van Logtestijn R, Taş N, Röling WFM and van Bodegom PM. 2012. Summer warming accelerates sub-arctic peatland nitrogen cycling without changing enzyme pools or microbial community structure. *Global Change Biology* 18: 138-150 [\[link\]](#)
10. Taş N, van Eekert MHA, Wagner A, Schraa G, de Vos WM and Smidt H. 2011. The role of “*Dehalococcoides*” spp. in the anaerobic transformation of hexachlorobenzene in European rivers. *Applied and Environmental Microbiology* Vol. 77, pp 4437-4445 [\[link\]](#)
11. Taş N, Heilig GHJH, van Eekert MHA, Schraa G, de Vos WM and Smidt H. 2010. Concurrent hexachlorobenzene and chloroethene transformation by endogenous

- dechlorinating microorganisms in the Ebro river sediment. *FEMS Microbiology Ecology* Vol. 74, pp 682-692 [[link](#)]
12. **Taş N**, van Eekert MHA, Schraa G, de Vos WM and Smidt H. 2010. The little bacteria that can – diversity, genomics and ecophysiology of “*Dehalococcoides*” spp. in contaminated environments. *Microbial Biotechnology* Vol.3, No.4, pp 389 – 402 [[link](#)]
 13. **Taş N**, van Eekert MHA, Schraa G, Zhou J, de Vos WM and Smidt H. 2009. Tracking functional guilds: “*Dehalococcoides*” spp. in European river basins contaminated with hexachlorobenzene. *Applied and Environmental Microbiology* Vol.75, No.14, pp 4696-4704. [[link](#)]
 14. **Taş, N**. 2009. *Dehalococcoides* spp. in river sediments: Insights in functional diversity and dechlorination activity. In Laboratory of Microbiology PhD Dissertations. Wageningen, NL. [[link](#)]
 15. Barth JAC, Grathwohl P, Fowler HJ, Bellin A, Gerzabek MH, Lair GJ, Barcelo D, Petrovic M, Navarro A, Negrel P, Petelet-Giraud E, Darmendrail D, Rijnaarts HHM, Langenhoff AAM, de Weert JPA, Slob A, van der Zaan BM, Gerritse J, Frank E, Gutierrez A, Kretzschmar R, Gocht T, Steidle D, Garrido F, Jones KC, Meijer S, Moeckel C, Marsman A, Klaver G, Vogel T, Burger C, Kolditz O, Broers HP, Baran N, Joziassse J, won Tumpling W, van Gaans P, Merly C, Chapman A, Brouyere S, Aguilar JB, Orban P, **Taş N**, Smidt H. 2009. Mobility, turnover and storage of pollutants in soils, sediments and waters: achievements and results of the EU project AquaTerra. A review *Agronomy for Sustainable Development* Vol.29, No.1, pp 161 - 173. [[link](#)]
 16. Calli B, Mertoglu B, **Taş N**, Inanç B, Yenigün O and Öztürk I. 2003. Investigation of variations in microbial diversity in anaerobic reactors treating landfill leachate. *Water Science & Technology* Vol. 48, No.4, pp 105–112 [[link](#)]
 17. Calli B, **Taş N**, Mertoglu B, Inanc B and Öztürk I. 2003. Molecular analysis of microbial communities in nitrification and denitrification reactors treating high ammonia leachate. *Journal Of Environmental Science And Health, Part A—Toxic/Hazardous Substances & Environmental Engineering* Vol. A38, No. 10, pp. 1997–2007 [[link](#)]

Manuscripts in Preparation or Review

Taş N, Wu Y, Smith L, Ulrich C, Kneafsey T, Torn M, Hubbard S, Wullschleger S, Jansson JK. 2015. Metagenomics and microbial community profiling across polygon features at the Next Generation Ecosystem Experiment (NGEE)-Arctic Barrow site. In Preparation for publication

Taş N, Brandt BW, Braster M, van Breukelen B, Röling WFM. 2015. Subsurface landfill leachate contamination affects microbial metabolic potentials and their expression. In Preparation for publication

Taş N, Birarda G, Voltolini M, Clingenpeel S, Holman HY, Woyke T, Tringe S, Ajo-Franklin J, Jansson JK and Brodie EL. 2015. Soil microbial heterogeneity at the micrometer scale. In Preparation for publication

Oosterkamp MJ*, Taş N*, Staats M, Schaap P, Röling WFM, Stams AJM. 2015. Genetic characterization of the toluene-degrading *Georgfuchsia toluolica* strain G5G6. In Preparation for publication (* shared first author)

Taş N, Castanha C, Reichl K, Fischer M, Torn MS, Jansson JK and Brodie EL. 2015. Carbon biosequestration potential and microbial stimulation by pyrolyzed carbon (Biochar) in temporal and tropical soils. In Preparation for publication

Current Funding

1. DOE-BER Next Generation Ecosystem Experiment (NGEE)-Arctic. Principal Investigators: Stan Wullschleger (ORNL), Susan Hubbard (LBNL-PI) Co-PI: Neslihan Taş (Microbiology Lead) 2014-2015 \$200,000/year
2. DOE-TES/SFA on Belowground Carbon Cycling. Principal Investigator: Margaret Torn, Co-PIs: Eoin Brodie, Peter Nico, Neslihan Taş 2015-2018 \$150,000/year

Invited Oral Presentations

1. Taş N. 2015. Hydrology defines microbial communities and functions across polygon types at the Next Generation Ecosystem Experiment (NGEE)-Arctic Barrow site. The 100th ESA Annual Meeting, Baltimore, MD
2. Taş N. 2015. Microbial communities and functions across polygon features at the Next Generation Ecosystem Experiment (NGEE)-Arctic Barrow site, JGI Science & Technology Seminar Series, Walnut Creek, CA
3. Taş N and Jansson JK. 2013. Permafrost thaw mediated changes in microbial ecology of Arctic soils. The 5th Congress of European Microbiologists (FEMS 2013), Leipzig, Germany
4. Taş N, Jorgenson T, Wang S, Wickland K, Berhe AA, Knight R, Waldrop M, Jansson JK. 2012. Microbial community response to wildfire in an Alaskan upland boreal forest. AGU General Meeting, San Francisco, CA
5. Taş N, Jorgenson T, Wang S, Wickland K, Berhe AA, Knight R, Waldrop M, Jansson JK. 2012. Microbial community response to wildfire in an Alaskan upland boreal forest. Inaugural Early Investigators Biosciences Retreat, Berkeley, CA
6. Taş N, Jorgenson T, Wang S, Wickland K, Berhe AA, Knight R, Waldrop M, Jansson JK. 2012. Soil metagenomics reveals microbial community response to wildfire in an Alaskan upland boreal forest. Soil Metagenomics Workshop, Argonne National Laboratory, IL
7. Taş N, Castanha C, Reichl K, Fischer M, Brodie E, Torn MS, Jansson JK. 2012. Stabilization potential of pyrolyzed organic material in soils. The Carbon Cycle 2.0 LDRD Seminar Series, Lawrence Berkeley National Laboratory, Berkeley, CA
8. Taş N, Brandt BW, Braster M, van Breukelen B, Heringa J, Röling WFM. 2010. Towards understanding the natural attenuation of contaminants in the subsurface: A metagenomic/transcriptomic approach. ISME 13, Seattle, WA

9. Weedon J, van Bodegom P, Kowalchuk G, **Taş N**, Röling WFM, van Logtestijn R, van Hal J, Aerts R. 2010. Warming effects on nitrogen cycling and microbial community structure in a sub-arctic peat-bog. *Enzymology and ecology of the nitrogen cycle*, Birmingham, UK
10. **Taş N**, van Eekert MHA, Schraa G, de Vos WM, Smidt H. 2007. Ecology of dechlorinating bacteria in European River Basins. NVvM Microbial Ecology 2007 Fall Symposium, Amsterdam, NL
11. **Taş N**, van Eekert MHA, Schraa G, de Vos WM, Smidt H. 2006. Tracing Functional Guilds: *Dehalococcoides* spp. In European River Basins. ISEB 2006, Leipzig, DE
12. **Taş N**, van Eekert MHA, Schraa G, Smidt H. 2006. Structure and function of microbial communities: *Dehalococcoides* spp. in European river basins. *Soil & Water*, Zeist, NL
13. van Eekert MHA, **Taş N**, Smidt H, Schraa G. 2006. Anaerobic biodegradation of hexachlorobenzene (HCB) in soils and sediments of European river basins. 2nd FEMS Congress of European Microbiologists, Madrid, SP
14. Mertoglu B, Çallı B, **Taş N**, Aksu D, Konukçu M, Erdoğan E, Inanç B. 2001. Yüksek Amonyak İçeren Depo Sahası Sızıntı Sularında Biyolojik Azot Giderimi”, (in Turkish) IV. National Congress of Turkish Environmental Engineers, İçel, TR

Poster Presentations

1. **Taş N**, Smith L, Wu Y, Ulrich C, Graham D, Tringe S, Torn M, Hubbard S and Wulfschleger S. 2015. Hydrology defines microbial communities and functions across polygon types at the NGEE-Arctic Barrow site. Presented at DOE Environmental System Science (ESS) PI Meeting, Potomac, MD
2. **Taş N**, Brodie EL, Pries CH, Castanha C and Torn M. 2015. LBNL Terrestrial Ecosystem Science SFA - Mysteries of the deep: Impact of warming on microbiology and carbon cycling in deep soils. Presented at DOE Environmental System Science (ESS) PI Meeting, Potomac, MD
3. **Taş N**, Pries CH, Wang S, Goring A, Zhu B, Castanha C, Brodie EL and Torn M. 2014. Impact of warming on microbiology and carbon cycling in deep soils. Presented at AGU General Meeting, San Francisco, CA
4. **Taş N**, Wang S, Wu Y, Smith L, Ulrich C, Kneafsey T, Torn M, Hubbard S and Jansson JK. 2014. Microbial ecology across polygon types and features at the NGEE-Arctic Barrow site. Presented at Complex Soil Systems Conference, Berkeley, CA
5. **Taş N**, Birarda G, Voltolini M, Wang S, Holman HY, Ajo-Franklin J, Jansson JK, Brodie EL. 2014. Soil microbial heterogeneity at the micrometer scale. Presented at Complex Soil Systems Conference, Berkeley, CA
6. **Taş N**, Torn M, Smith L, Wang S, Wu Y, Ulrich C, Dafflon B, Kneafsey T, Graham D, Tringe S, Woyke T, Hubbard S, Wulfschleger S, Jansson JK. 2014. Metagenomics and microbial community profiling across polygon features at the Next Generation Ecosystem Experiment (NGEE)-Arctic Barrow site. Presented at DOE Joint Terrestrial Ecosystem Science/Subsurface Biogeochemistry Investigators Meeting, Potomac, MD

7. **Taş N**, Wu Y, Smith L, Ulrich C, Kneafsey T, Torn M, Hubbard S, Wulschleger S, Jansson JK. 2013. Microbial ecology across polygon features at the NGEE-Arctic Barrow site. Presented at AGU General Meeting, San Francisco, CA
8. **Taş N**, Wu Y, Smith L, Ulrich C, Kneafsey T, Torn M, Hubbard S, Wulschleger S, Jansson JK. 2013. Metagenomics and microbial community profiling across an Arctic polygon transect. Presented at 5th International Conference on Polar & Alpine Microbiology, Big Sky, MT
9. **Taş N**, Torn M, Chakraborty R, Smith L, Wu Y, Ulrich C, Kneafsey T, Graham D, Hubbard S, Wulschleger S, Jansson JK. 2013. Microbial ecology across polygon features at the NGEE-Arctic Barrow site. Presented at DOE Joint Terrestrial Ecosystem Science/Subsurface Biogeochemistry Investigators Meeting, Potomac, MD
10. **Taş N**, Clingenpeel S, Birarda G, Voltolini M, Ajo-Franklin J, Wang S, Ye Z, Holman H, Woyke T, Auer M, Moses W, Nico P, O'Neil J, Jansson JK, Brodie E. 2013. Mapping soil heterogeneity at the microbial scale. Presented at Gordon Research Conference Applied & Environmental Microbiology, South Hadley, MA
11. **Taş N**, Castanha C, Reichl K, Fischer M, Brodie E, Torn MS, Jansson JK. 2012. Microbial Degradation and Carbon Biosequestration Potential of Biochar in Soils Presented at AGU General Meeting, San Francisco, CA
12. **Taş N**, Castanha C, Reichl K, Fischer M, Brodie E, Torn MS, Jansson JK. 2012. Carbon Biosequestration Potential and Microbial Stimulation by Pyrolyzed Carbon (Biochar) Presented at ISME 14, Copenhagen, DK
13. **Taş N**, Castanha C, Reichl K, Fischer M, Brodie E, Torn MS, Jansson JK. 2012. Carbon Biosequestration Potential and Microbial Stimulation by Pyrolyzed Carbon (Biochar) Presented at ASM General Meeting, San Francisco, CA
14. **Taş N**, Castanha C, Reichl K, Fischer M, Brodie E, Torn MS, Jansson JK. 2012. Carbon Biosequestration Potential and Microbial Stimulation by Pyrolyzed Carbon (Biochar) in Soil Presented at Carbon Cycle 2.0 Lawrence Berkeley National Laboratory, Berkeley, CA
15. **Taş N**, Castanha C, Reichl K, Fischer M, Brodie E, Torn MS, Jansson JK. 2011. Stabilization potential of pyrolyzed organic material in soils. Presented at Gordon Research Conference Applied & Environmental Microbiology, South Hadley, MA
16. Röling WFM, **Taş N**, van Breukelen B, Braster M, Staats M. 2010. Aromate-degrading anaerobes in a landfill leachate plume with low concentrations of BTEX. Presented at ISME 13, Seattle, WA
17. **Taş N**, Brandt BW, Braster M, van Breukelen B, Heringa J, Röling WFM. 2009. Metagenomic insights into natural attenuation in the subsurface. Presented at Microbial Genomics and Metagenomics (MGM) workshop, JGI, Walnut Creek, CA
18. **Taş N**, Staats M, Braster M, Röling WFM. 2009. Genomic insights into BTEX degradation in subsurface. Presented at BAGECO-10 – Coexisting on a Changing Planet, Uppsala, SWE

19. Röling WFM, Staats M, Taş N, Wegkamp A. 2009. Regulation of biogeochemical fluxes through microbial networks. Presented at Goldschmidt - Challenges to Our Volatile Planet, Davos, CHE
20. Staats M, Taş N, Wegkamp A, Braster M, Röling W.F.M. 2008. Metagenome analysis of anaerobic BTX-degrading enrichments from an iron-reducing aquifer. Presented at ISME 12, Cairns, AUS
21. Taş N, Algora C, van Eekert MHA, Schraa G, de Vos WM, Smidt H. 2008. Combined dechlorination of TCE, PCE and HCB in river sediment. Presented at ISME 12, Cairns, AUS
22. Taş N, van Eekert MHA, Schraa G, de Vos WM, Zhou J, Smidt H. 2008. Environmental factors that control the species dynamics of dechlorinating bacteria in river basins. Presented at ISME 12, Cairns, AUS
23. Taş N, Van Eekert MHA, Schraa G, Smidt H. 2006. Linking phylogenetic and functional diversity: HCB degradation potential and activity by Dehalococcoides spp. in European rivers. Presented at ISME 11, Vienna, AU. *Best Poster award winner*
24. Taş N, van Eekert MHA, Langenhoff AA, Schraa G, Smidt H. 2005. Anaerobic biodegradation of Hexachlorobenzene (HCB) and its lower chlorinated analogues, and molecular identification of the responsible micro-organisms in soils and sediments around Europe. Presented at ConSoil, Bordeaux, FR
25. Taş N, van Eekert MHA, Schraa G, Smidt H. 2005. Anaerobic biodegradation of hexachlorobenzene (HCB) and its lower chlorinated analogues, and molecular identification of the responsible micro-organisms in soils and sediments around Europe. Presented at Soil & Water, Zeist, NL
26. Calli B, Mertoglu B, Taş N, Inanç B. 2002. Comparative Evaluation of Air Stripping and Struvite Precipitation for Ammonia Removal From Anaerobically Treated Leachate. Presented at Appropriate Environmental and Solid Waste Management and Technologies for Developing Countries by ISWA, Istanbul, Turkey

Professional Services: Member of the editorial board FEMS Microbiology Ecology (Wiley-Blackwell), Reviewer for ISME Journal (Nature), Plos ONE, Peer J, Microbial Biotechnology (Wiley-Blackwell), BMC Microbiology (BioMed Central)

Professional Affiliations : International Society for Microbial Ecology (ISME) – member since 2006, American Society for Microbiology (ASM) – member since 2013, American Geophysical Union (AGU) – member since 2012

Teaching and Mentoring Experience

Research Mentor, Lawrence Berkeley National Laboratory, 2011-present

David Toole (undergraduate, Juniata College): “Mysteries of Arctic microbes”

Ashley Kim (undergraduate, Las Positas College): “Warming soils”

Valeria Cardona (undergraduate, University of Puerto Rico): “Microbial responses in thawing Arctic soils”

Alexis Reyes (undergraduate, Vanguard University): “Transcriptomic analysis of microbial communities in polygons from NGEE-Artic Barrow site”

Andrew Goring (undergraduate, UC Santa Barbara): “Characterization of soil microbial communities in Blodgett experimental forest, CA”

Katherine Amberg-Johnson (undergraduate, UC Berkeley): “Short and long-term impact of wildfires on soil enzyme activities of the northern boreal forest”

Shi Wang (masters, Wageningen University): “Effect of biochar addition on soil enzyme activity”

Morten Nielsen (masters, Geological Survey of Denmark): “Phylogenetic analysis of microbial communities in sub-Artic soils”

Kent Li (undergraduate, UC Berkeley): “Metagenomic analysis of permafrost soils”

Research Mentor, Vrije Universiteit, 2008-2010

James Weedon (graduate, VU University): “Soil microbial community structure and ecosystem function in the context of climate warming in the sub-arctic”

Raquel Vargas (graduate, VU University): “Functioning of dehalogenating bacteria in microbial networks”

Antoine Fayeulle (masters, Université de Strasbourg): “Bugs in action: Exploring the bioremediation potential in contaminated groundwater aquifers”

Selvi Karataş (undergraduate, VU University): “Microbial diversity in an iron and BTEX contaminated aquifer”

Txomin Stirler (undergraduate, VU University): “What lies beneath? Assessing the bioremediation potential in contaminated groundwater aquifers”

Research Mentor, Wageningen University, 2004-2008

Camelia Algora (masters, Wageningen University): “Combined dechlorination of TCE, PCE and HCB in river sediment”

Marta Oliveira (undergraduate, Universidade Católica Portuguesa): “Microbial stability of the Ebro River Basin”

Lecturer, JGI, 2012-present

Integrated Microbial Genomes Workshop, Soil Metagenomics

Lecturer, Vrije Universiteit, 2008-2011

BSc in Microbial Physiology: The microbial cell

Graduate Teaching Assistant, Wageningen University, 2004-2008

MSc in Molecular Ecology: Ecophysiological profiling of microbiota in a laboratory garden

BSc in Microbial Physiology: Reductive Dechlorination – Influence of growth conditions and detection in the environment with molecular tools

Awards, Scholarships and Grants

2006 ISME-11 (Vienna, Austria) Conference Best Poster Award

- 2005 FEMS Summer School (Genoa, Italy) Best Poster Award
- 1998 Special Deanship Award, Marmara University Faculty of Engineering
- 2002 - 2004 MATRA The Dutch Ministry of Foreign Affairs Scholarship, €45000
- 2013 PAM 2013 Early Career Scientists Travel Grant \$1200
- 2011 Gordon Research Conference (South Hadley, USA) Travel Grant \$1000
- 2008 ISME-12 (Cairns, Australia) Conference Travel Grant €800
- 2006 NWO Scientific Research Travel Grant €2500

Professional Training Workshops

- 2012 Software Carpentry Phyton Programming Bootcamp, LBNL, Berkeley, CA
- 2012 Soil Metagenomics Workshop, Argonne National Laboratory, IL
- 2012 iPlant and Atmosphere Training Workshop, LBNL, Berkeley, CA
- 2009 Integrated Microbial Genomes Workshop, Joint Genome Institute, Walnut Creek, CA
- 2007 Statistics for the Life Sciences, Wageningen University, NL
- 2006 Principles of Ecological Genomics, Wageningen University, NL
- 2005 Bioinformation Technologies, Wageningen University, NL
- 2005 FEMS European Summer School “Biomonitoring, bioavailability and microbial transformation of pollutants in sediments and approaches to stimulate their biodegradation”, Genova, IT

Community Service

- 2012 Volunteer for the California Coastal CleanUp
- 2011 Volunteer Science Educator at LBNL Open House, Berkeley, CA
- 2005 Secretary of PhD council of WUR-WIMEK Research School between 2005-2008

References

- | | |
|------------------------|---|
| Prof Dr. Janet Jansson | Biological Sciences Division Director, PNNL, WA
☎ +1-5093753982 @ janet.jansson@pnnl.gov <i>Post-doc supervisor</i> |
| Dr. Wilfred FM Röling | Senior Researcher, Group Leader, VU Amsterdam, NL
☎ +31-0205987192 @ wilfred.roling@vu.nl <i>Post-doc supervisor</i> |
| Prof Dr. Willem de Vos | Head of Laboratory of Microbiology, Wageningen University, NL
☎ +31-317483100 @ willem.devos@wur.nl <i>PhD supervisor</i> |
| Prof Dr. Hauke Smidt | Senior Researcher, Group Leader, Wageningen University, NL
☎ +31-317483102 @ hauke.smidt@wur.nl <i>PhD co-supervisor</i> |