

## CV Professor MARI SUNDLI TVEIT

Moerveien 29, 1430 ÅS | +47 934 29 699 | [mari.tveit@nmbu.no](mailto:mari.tveit@nmbu.no) | 01.05.1974 | Married, 2 children

Norwegian University of Life Sciences, Box 5003, N-1432 Ås.

### ACADEMIC DEGREES

- 2007                      **Philosophiae Doctor (PhD)**  
Norwegian University of Life Sciences (UMB), Department of Landscape Architecture and Spatial Planning, 2007.
- 2000                      **Cand. Agric**  
Norwegian Agricultural University (NLH), Department of Nature Management (including two undergraduate years at the University of Tromsø), 2000

### Additional University studies

- 1997-1998:              Social Geography, University of Bergen, Faculty of Social Sciences  
Planning law, University of Bergen, Faculty of Social Sciences
- 1993:                      Examen Philosophicum, University of Oslo

### CURRENT POSITIONS

- 01.01.14 –              Rector, Norwegian University of Life Sciences (NMBU)
- 01.03.13 –              Professor, Landscape Architecture (environmental psychology)  
Department of Landscape Architecture and Spatial Planning

### PREVIOUS POSITIONS

- 01.08.10 – 31.12.13    *Pro-rector for education*, Norwegian University of Life Sciences
- 01.01.09 – 28.02.13    *Associate Professor* Norwegian University of Life Sciences (UMB),  
Department of Landscape Architecture and Spatial Planning
- 15.03.08 – 01.10.10    *Head of Section*, Urban and Regional Planning Section, Department of  
Landscape Architecture and Spatial Planning, UMB
- 01.02.10 – 01.10.10    *Head of section*, Land Management and Law
- 01.01.08 – 31.12.08    *Researcher*, Norwegian University of Life Sciences (UMB), Department  
of Landscape Architecture and Spatial Planning
- 01.05.02 – 31.12.07    *PhD student position*, Norwegian University of Life Sciences (UMB),  
Department of Landscape Architecture and Spatial Planning
- 01.09.03 – 31.12.05    *Researcher*, EU-project; VisuLands

- 01.01.01 – 31.04.02 *National coordinator*, Norwegian campaign for cancellation of third world debt
- 15.06.00 – 31.12.00 *Project leader*, Norwegian Agricultural University  
Green state, environmental report

## **ELECTED POSITIONS**

- 2016 - UHR Research Board, Vice Chair.
- 2015 - European University Association (EUA), Board member.
- 2015 - Norwegian Research Council (NFR), Division for Energy, Resources and the Environment, Board member.
- 2015 - Centre for Advanced Studies (CAS), Vice Chair
- 2014 - NOVA – university network, Chair
- 2014 - 2016 UHR Research Board, Deputy member.
- 2014 - 2015 Interim Board, merger NIBIO (Bioforsk, Norwegian Forest and Landscape Institute, NILF, Board member.
- 2014 - Centre for Advanced Studies (CAS), Board member.
- 2014 - Bioverdi, Steering committee.
- 2011 - 2015 SiÅs (Student Welfare Organisation), Board member.
- 2010 Joint University Board (deputy), Norwegian University of Life Sciences/The Norwegian School of Veterinary Science
- 2008 - 2010 Interim University Board, Norwegian University of Life Sciences/The Norwegian School of Veterinary Science, Board member.
- 2005 - 2010 University Board, Norwegian University of Life Sciences (UMB)
- 2003 - 2004 Department Board, Department of Landscape Architecture and Spatial Planning (UMB).
- 2003 - 2004 FODOS (PhD organisation UMB), Board member, Head of Academic Committee
- 2001 - 2002 SiÅs (Student Welfare Organisation), Board member.
- 1999 - 2000 University Board, Norwegian University of Life Sciences (UMB), Board member.
- 1998 Department Board, Department of Geography, University of Bergen  
Board member
- 1995-1996 Student Parliament, University of Tromsø, Board member  
Delegate to the National Assembly, Norwegian Student Union

## **RESEARCH GRANTS**

- 2013 – 2016 Planning and sustainable urban land use (URBLANDPLAN). Norwegian Research Council, DEMOSREG, Project coordinator: Berit Irene Nordahl, NOK 4000 000,-
- 2009 – 2012 Conditions for sustainable management of urban recreational landscapes. May governance and accessibility be valuable tools? Norwegian Research Council, MILJØ 2015, Project coordinator: Knut Bjørn Stokke, (UMB), NOK 3500 000,-
- 2009 – 2011 Preservation of cultural landscapes and cultural heritage elements on golf courses, STERF (Scandinavian Turfgrass Environment Research Foundation), Project coordinator: Gary Fry (UMB) NOK 900 000,-

- 2008-2011 Local heritage values and cultural heritage plans in urban fringe areas, (184067/S30) Norwegian Research Council, MILJØ 2015. Project coordinator: Grete Swensen, Norwegian Institute for Cultural Heritage Research (NIKU). NOK 2700 000,-
- 2003-2005 EU-project: Visualization Tools for Public Participation in Managing Landscape Change (VisuLands) QLRT-2001-01017, Co-ordinator: Macaulay Land Use Research Institute, Dr. David Miller.

## **SCIENTIFIC COMMITTEES, EDITORIAL BOARDS, REVIEWER ASSIGNMENTS**

### **Scientific Committees**

- 2013 Scientific committee: PBL Netherlands Environmental Assessment Agency and Wageningen University & Research (WUR): Improving strategic policy analysis of PBL about perception, valuation and recreational use of nature and landscape.
- 2013 Evaluation Committee, I. Gomez Jimenez, PhD thesis: *Environmental planning*, Universidad Rey Juan Carlos, Madrid.
- 2012 Evaluation Committee: Research position, Norwegian Institute of Nature Research (NINA)
- 2012 Scientific Committee: IAPS 2012 Conference, Glasgow, 24-29 June 2012. International Association of People-Environment Studies
- 2011 Scientific committee: Exploring the visual landscape – Advances in Physiognomic Landscape Research in the Netherlands, Nijhuis, S., van Lammeren, R. and F. van der Hoeven.
- 2010 Evaluation committee, Gert Weitkamp, PhD thesis: *Capturing the view: A GIS-based approach to measure the visible space*, Wageningen University, the Netherlands.
- 2010 Member of Evaluation committee, Marianne Gonzales, PhD thesis: *Therapeutic horticulture*, Norwegian University of Life Sciences
- 2015 Head of organising committee: *Integrating cultural and ecological values in landscape planning - The challenge of integrated conservation plans* International workshop/seminar at Bygdøy, Oslo, Norway, 13.-14- October 2005.

### **Reviewer (international peer-review journals)**

Journal of Environmental Management  
 Landscape Research  
 Land Use Policy  
 Landscape and Urban Planning  
 Urban Forestry and Urban Greening  
 Environmental Monitoring and Assessment  
 Housing, Theory and Society

## **SELECTED INTERNATIONAL COOPERATION**

### **Exploring the Visual Landscape** (network), TU Delft

A platform for visual landscape research, an interdisciplinary approach that combines (1) landscape planning, design and management concepts, (2) landscape perception approaches, and (3) Geographic Information Science (GISc)-based methods and techniques.

### **Visualization Tools for Public Participation in Managing Landscape Change**

(VisuLands EU-project)

Coordinator: Macaulay Land Use Research Institute (now James Hutton Institute), Scotland

Partners:

- Escola Superior Agraria de Coimbra , Portugal
- Swiss Federal Institute of Technology, Zürich, Switzerland
- Sveriges Lantbruksuniversitet, Sweden
- Forest Research, United Kingdom
- Institut National de la Recherche Agronomique, Toulouse, France

**Towards a Concept of Restorative Urbanism: reflections on social and spatial dimensions of urban restorative experience** , With Dr Kevin Thwaites, Dr. Ian Simkins and Dr. Alice Mathers, University of Sheffield, United Kingdom

**Research on landscape indicators, combining ecology and aesthetics.** Universidad Rey Juan Carlos, Madrid, Spain, Área de Tecnologías del Medio Ambiente, Associate Professor, Dr. María Dolores Velarde.

**Eye-tracking**, Swedish Agricultural University, Landscape architecture - Planning, Design and Cultural heritage. Dr. Åsa Ode, professor Caroline Hägerhäll.

**IAPS - member** (International association for people-environment studies)

## **PUBLICATION LIST**

### **International journals and books – peer review**

Sang, Å.O., Tveit, M.S., Pihel, J., Hägerhäll, C.M. (2016) *Identifying cues for monitoring stewardship in Swedish*

*pasture landscapes*, Land Use Policy, 53, 20-26.

Dramstad, W. & Tveit, M.S. (2016) *Landscape as product or process*, Landscape Architecture: Art, Nature and Society, Chapter 5.

Blumentrath, C., Nordh, H. & Tveit M.S. (2015) Experts' view on road aesthetics- experiences from practice in Norway. Kart og Plan.

Sandberg, O.R., Nordh, H. & Tveit, M.S. (2015) *Perceived accessibility on golf courses – Perspectives from the golf federation*. Urban Forestry and Urban Greening, 15, 80-83.

Hofstad, H., Tveit, M.S. & Stokke, K.B. (2014). *Between development and protection – different discourses in urban planning*, Landscape Research, 40(3):1-15.

Koppen, G., Tveit, M.S., Sang, Å.O. & Dramstad, W. (2014). *The challenge of enhancing accessibility to recreational landscapes*, Norwegian Journal of Geography, 68, 3, 145-154.

- Tveit, M.S. and Å.O. Sang (2014). *Landscape assessment in metropolitan areas – developing a visual indicator-based approach*, SPOOL - Journal of Architecture and the Built Environment, DOI: <http://dx.doi.org/10.7480/spool.2013.1.641>
- Koppen, G., Sang, Å.O. & Tveit, M.S. (2014) *Managing the potential for outdoor recreation - Adequate mapping and measuring of accessibility to urban recreational landscapes*. Urban Forestry and Urban Greening, 13, 71-83.
- Blumentrath, C. & Tveit, M.S (2014). *Visual characteristics and design principles in Norwegian road design: a literature review*. Transportation Research Part A: Policy and Practice, 59, 58–71.
- Jerpåsen, G. & Tveit, M.S. (2014). *Safeguarding cultural heritage in the urban fringe – the role of legibility*, Landscape Research, In press.
- Gardsjord, H.S., Tveit, M.S., Nordh, H. (2013) *Promoting youth physical activity through park design – linking theory and practice in a public health perspective*, Landscape Research, In press.
- Sang, Å.O. & M.S. Tveit (2013). *Cues of Stewardship in agricultural landscapes*, Land Use Policy, 31, 557–564.
- Tveit, M.S., Ode, Å. & C.M. Hagerhall (2012). *Scenic beauty - visual landscape assessment and human landscape perception, history and new developments*, In: Steg, L., van den Berg, A.E. & J.I.M. de Groot, Environmental Psychology: An Introduction, Wiley-Blackwell.
- Swensen, G., Sæter, O., Jerpåsen, G. & M.S. Tveit (2012), *Capturing the intangible and tangible aspects of heritage – personal versus official perspectives in cultural heritage management*, Landscape Research, Vol.38, 203-221.
- Swensen, G., Jerpåsen, G.B., Sæter, O. and Tveit, M.S. (2012). *Alternative perspectives? The implementation of public participation in local heritage planning*, Norwegian Journal of Geography. Vol. 66, 213-226. ISSN 0029-1951
- Hagerhall, C.M., Tveit, M.S., Velarde, M<sup>a</sup>D., Ode, Å. (2010). *Forests and human health in the light of global climate change*, In: (eds.) Future of forests, IUFRO.
- Velarde M<sup>a</sup>D., Tveit M., Hagerhall, C. (2010). *The link between landscape preferences and perceived restorativeness, current research trends and suggestions for future studies* In: (J. Valentín, L. Gamez, eds.) Environmental Psychology: New Developments, Nova Science Publishers, Inc
- Ode, Å., Tveit, M. & G. Fry. (2010). *The VisuLands framework: a data flexible framework for assessing visual landscape character*, Ecological indicators, 10(1), 24-31.
- Tveit, M. S. (2009). *Indicators of visual scale as predictors of landscape preference; a comparison between groups*. Journal of Environmental Management, 90(9), 2882-2888.
- Fry, G., Tveit, M. S., Ode, Å., & Velarde, M. D. (2009). *The ecology of visual landscapes: Exploring the conceptual common ground of visual and ecological landscape indicators*. Ecological Indicators, 9(5), 933-947.
- Ode, Å., Fry, G., Tveit, M.S., Messenger, P. & Miller, D. (2009). *Indicators of perceived naturalness as drivers of landscape preference*. Journal of Environmental Management, 90 (1), 375-383

- Ode, Å., Tveit, M., Fry, G., (2008). *Capturing Landscape Visual Character Using Indicators: Touching Base with Landscape Aesthetic Theory*, Landscape Research 33 (1):89-118.
- Velarde, M.D., Fry, G. and Tveit, M. (2007). *Health Effects of Viewing landscapes – Landscape types in environmental psychology*. Urban Forestry & Urban Greening, 6, 119-212.
- Tveit, M., Ode, A., and Fry, G. (2006). *Key concepts in a framework for analysing visual landscape character*. Landscape Research. 31, 229-255.
- Dramstad, W.E., Tveit, M.S., Fjellstad, W.J., and Fry, G.L. (2006). *Relationship between visual landscape preferences and map-based indicators of landscape structure*. Landscape and Urban Planning.
- Tveit, M.S. (2005). *Nature meets aesthetics on cultural grounds - a multidisciplinary study of grave mounds in Norway*, In: Tress, B., Tress, G., Fry, G., Opdam, P. (eds.). From landscape research to landscape planning: Aspects of integration, education and application. Heidelberg, Springer, 259-275.
- Dramstad, W.E., Fry, G., Fjellstad, W.J., Skar, B., Helliksen, W., Sollund, M.-L.B., Tveit, M.S., Geelmuyden, A.K., & Framstad, E. (2001). *Integrating landscape-based values – Norwegian monitoring of agricultural landscapes*. Landscape and Urban Planning, 57, 257-268.

### Conference papers

- Tveit, M.S. & Sang, Å.O. (2014) Invited lecture - *Landscape assessment in metropolitan areas - developing a visual indicator based approach*. Landscape Symposium; TU Delft, The Netherlands.
- Sang, Å.O. & Tveit, M.S. (2013) *Eye-tracking, social indicators and scale*, IALE 2013 European Congress, 9-12 September 2013, Manchester, UK.
- Tveit, M.S. (2012) *Visual landscape indicators and landscape preference*, Invited lecture - Exploring the visual landscape, 22<sup>nd</sup> of March 2012, University of Delft, the Netherlands.
- Miller, D., Brown, I., Matthews, K., Ode, Å., Tveit, M.S.; Morrice, J. & Donaldson-Selby, G. (2012) *Linking land use change, landscapes and ecosystem services*. 6th International Congress on Environmental Modelling and Software - iEMSs 2012: Managing Resources of a Limited Planet: Pathways and Visions under Uncertainty, 1 - 5 July 2012, Leipzig.
- Tveit, M.S., Å. Ode, Hagerhall, C.M., & Nordh, H. (2010) Identifying cues of stewardship in everyday landscapes using eye tracking. 21st IAPS conference: Vulnerability, Risk and Complexity - Impacts of Global Change on Human Habitats. June 27 - July 2 2010, Leipzig.
- Jerpåsen, Gro B; Swensen, Grete; Sæther, Oddrun & Tveit, Mari S. (2010) Contested heritage landscapes in urban fringe areas. PECSRL – The Permanent European Conference for Study of the Rural Landscape 24th Session. Living in landscapes: Knowledge, practice, imagination, 23-27 August 2010, Riga & Liepja, Latvia.
- Swensen, G., Jerpåsen, G.B.; Sæter, O. & Tveit, M. S (2010) Memory and Monuments: The Role of Inhabitants' knowledge in cultural heritage management. In: Gerrit J. Carsjens (ed.) Landscape Legacy. Landscape Architecture and Planning Between Art and Science. ISOMUL, Wageningen University. ISBN 978-90-8585-746-4.

- Jerpåsen, G. & Tveit, M.S (2009) Cultural heritage and landscape: Bridging visual and archaeological landscape analysis in the urban fringe, ECLAS conference, Sept 23 – Sept 25, 2009, Genoa.
- Tveit, M.S., Ode, Å & G. Fry. (2008) Towards multifunctional landscapes: exploring the common ground between visual quality and ecological function. IAPS conference “Urban diversities, biosphere and well-being: designing and managing our common environment”, July 28 – Aug 1, 2008, Rome
- Tveit, M, Fry, G & Ode, Å (2006). Indicators of visual character - a theory based approach. ISSRM conference, “Social Sciences in Resource Management – Global Challenges and Local Responses”, Vancouver, June 3 – 8, 2006.
- Ode, Å., Miller, D., Messenger, P., Fry, G., Tveit, M. & F. Pascoa. (2006). A cross-country comparison of landscape preferences: a tool for evaluating landscape change. NJF Seminar 385 Landscape Change - Learning from the past visions for the future. June 14 – June 16, 2006. Tromsø.
- Velarde, M. D., G. Fry, Tveit, M.S. & M. Ruís (2006). Multifunctional forest management. Management criteria that combine ecology and aesthetics. Patterns and processes in forest landscapes, Firenze, Italy. ISBN 8-887553-11-4
- Dramstad, W., Sundli-Tveit, M., Fjellstad, W. and Fry, G. (2005) Capturing the view using land cover data. “Our shared landscape: Integrating ecological, socio-economic and aesthetic aspects in landscape planning and management”. Proceedings edited by E. Lange and D. Miller. Ascona, Switzerland. May 2 -May 6, 2005. ISBN: 3-906441-07-5
- Fry, G., Ode, Å., Sundli-Tveit, M., Quine, C. and Watts, K. (2005) Towards multifunctional landscapes: linking visual and ecological landscape indicators. “Our shared landscape: Integrating ecological, socio-economic and aesthetic aspects in landscape planning and management. Proceedings edited by E. Lange & D. Miller. Ascona, Switzerland. May 2 – May 6, 2005. ISBN: 3-906441-07-5
- Fry, G., Sundli-Tveit, M. and Ode, Å (2005) A landscape approach to the development of visual indicators. European IALE Congress “Landscape Ecology in the Mediterranean”. Faro, Portugal March 29 – April 2, 2005.

#### **Posters at international conferences**

- Gardsjord, H.S., Tveit, M.S. & H. Nordh (2012) *Promoting physical activity through park design – linking theory and practice in a public health perspective*. 22<sup>nd</sup> IAPS conference: Human Experience in the Natural and Built Environment: Implications for Research Policy and Practice, 24th - 29th June 2012, Glasgow.
- Ode, Å., Tveit, M.S. & Fry, G. (2008) “The VisuLands framework: A data flexible framework for analysing visual landscape character”, Impact assessment of land use changes Berlin, Humboldt University, April 6 – April 9, 2008.
- Tveit, M & Fry, G. (2000) “Landscape preferences – who sees what in the agricultural landscape”, Multifunctional Landscapes ,Interdisciplinary Approaches to Landscape Research and Management, Centre for Landscape Research, University of Roskilde, Denmark, October 2000.

#### **PhD thesis**

- Tveit, M.S.S. (2007). *A theoretical framework for assessing visual landscape character using indicators -The VisuLands framework*.

## POPULAR SCIENTIFIC PUBLICATIONS AND PRESENTATIONS

- Tveit, M.S. (2014) *Grønne omgivelser – bedre helse!*, Invited lecture, Hva vil vi med byen vår? - lille, vakre, rare?, Drøbak Kino, 28.01.2014.
- Tveit, M.S. (2013) *Fascination for plants: Grønne omgivelser – bedre helse!*, Invited lecture, Vitenpub powered by Pecha Kucha, Vitenparken, 15.05.2013.
- Tveit, M.S. (2013) *Synergieffekt mellom menneske og natur*. Intervju, Ås Avis, 30.05.2013.
- Falleth, E.I. og Tveit, M.S. (2012). *Ingen arealkrise i Oslo*. Kronikk. Aftenposten, 14.11.2012.
- Bergaust, T.E., Halvorsen Thorén, A.K. & Tveit, M.S. (2011) *Utfordringer ved ulike metodiske tilnærminger og hva skjer i andre land. Noen momenter*. Miljøverndepartementets referansegruppe for landskap – kartlegging og metodeutvikling. 8.12.2011.
- Eva Irene Falleth, Hege Hofstad, Knut Bjørn Stokke, Mari Sundli Tveit (2011). *Hvor skal byene vokse?* Kronikk. [www.forskning.no](http://www.forskning.no), 17.08.2011.
- Eva Irene Falleth og Mari Sundli Tveit (2011). *Grønne omgivelser, bedre helse*. Kronikk. Aftenposten, 26.6.2011.
- Tveit, M.S. (2010). *Landscape assessment – in an environmental impact assessment perspective*, Invited lecture at the Norwegian Water Resources and Energy Directorate, Oslo, 03.02.2011
- Tveit, M.S. (2010). *Landskap under press – måling og overvåking av visuell kvalitet*, Plan, 03/2010.
- Tveit, M.S. (2010). *Naturen får en prislapp*, Klassekampen, interview, 09.07.2010.
- Tveit, M.S. (2010). *Landskapsøkologiens betydning i landskapsplanlegging og artsforvaltning*, Invited lecture, seminar ArtsTap, Ås, 22<sup>nd</sup> of September 2010
- Tveit, M.S. (2010). *Cultural-Historic landscapes of Europe - The landscape perception perspective*, presentation at the seminar: Mapping Cultural-Historic landscapes of Europe, Wageningen University, The Netherlands, 7<sup>th</sup> of May 2010, invited speaker.
- Tveit, M.S. (2008). *Landscape, preferences and health effects*, Invited lecture at seminar, Folkehelse og plan. Norwegian Institute for Urban and Regional Research (NIBR), Oslo, June 2008.
- Tveit, M.S. (2008). *Visual landscape analysis*, invited lecture at seminar, Landscape analysis, Fylkesmannen i Oslo og Akershus (County Governor of Oslo and Akershus), 8<sup>th</sup> May 2008.
- Tveit, M.S. (2008). *Landscapes and health effects*, Invited lecture at conference: Landskap i plan - helse, identitet og universell utforming, Voss, 3-4th June 2008. *Fylkesmannen i Hordaland/Hordaland fylkeskommune*
- Tveit, M.S. (2007). *NRK, Schrödingers katt* (2007) <http://www1.nrk.no/nett-tv/indeks/105692>

## TEACHING

LANDSCAPE ECOLOGY (ILP, UMB)	Master level	Course responsible/Teacher (student evaluation 5.22 (scale 1-6,
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		where 6 is best) spring 2011) (course development, teaching, supervision, examination of term papers and oral exams, administration)
FRAMING THE PHD (ILP, UMB)	PhD level	Teacher, academic writing.
URBAN ECOLOGY (ILP, UMB)	Master level	Teaching, supervision and course development).
URBAN LANDSCAPES (ILP, UMB)	PhD level	Teaching, supervision and course development
LANDSCAPE ANALYSIS (ILP, UMB):	Bachelor level	Teaching and supervision
THEORIES OF LANDSCAPE ARCHITECTURE (ILP, UMB)	Bachelor level	Teaching and supervision
NATUR OG LIVSKVALITET - BRUK AV DYR, PLANTER, SKOG OG LANDSKAP (IPM, UMB):	Bachelor level	Teaching and supervision
NYE ELEMENTER I BÆREKRAFTIG SKOGFORVALTNING Institutt for skogfag/Senter for Etter og videreutdanning UMB)	Continuing education	Teaching
FOREST MANAGEMENT (INA, UMB)	Master level	Teaching

## LANGUAGE SKILLS

Norwegian: Mother tongue

English: Fluent, written and oral

Spanish: Fluent, written and oral

French: Good, written and oral

## SOCIAL MEDIA

Twitter: @stMari

Instagram: @marisundlitveit