

Curriculum Vitae

Personal information **Heidi Mestl**

Work experience

1. Employer: The Norwegian Medical Products Agency
 - Start date: 092022
 - End date:
 - Position: Senior Advisor _ Clinical Assessment, Statistics
 - Activities: Assessment of statistical methodology for clinical trial applications and marketing authorization
 - Country: Norway
2. Employer: Vikersund dyreklinikk
 - Start date: 012017
 - End date: 092022
 - Position: Manager, Veterinarian
 - Activities:
 - Country: Norway
3. Employer: Cicero Center for International Climate Research
 - Start date: 112006
 - End date: 122011
 - Position: Senior Researcher
 - Activities: Statistics field trial, Mathematical modeling, Cost_benefit analyses. Eir pollution and health
 - Country: Norway
4. Employer: University of California, Irvine. Dept of Epidemiology _ School of Medicine
 - Start date: 072008
 - End date: 062009
 - Position: PostDoc
 - Activities: _ Statistics, Mathematical modeling. Air pollution and health
 - Country: United States
5. Employer: Oslo University College
 - Start date: 081999
 - End date: 112006
 - Position: PhD fellow
 - Activities: Mathematical modelling of air pollution and population exposure in China
 - Country: Norway
6. Employer: Norwegian Defense Research Establishment
 - Start date: 031994
 - End date: 081999
 - Position: Researcher
 - Activities: Pattern recognition, acoustics
 - Country: Norway

Education and training

1. Subject: Norwegian University of Life Sciences
 - Start date: 082011
 - End date: 122016
 - Qualification: Cand.med.vet.
 - Organisation: Veterinary medicine
 - Country: Norway
2. Subject: University of Oslo, Dept. of Chemistry
 - Start date: 081999
 - End date: 112006
 - Qualification: Dr.Scient. (PhD)
 - Organisation: Mathematical modeling of air pollution and population exposure. Statistics.
 - Country: Norway
3. Subject: University of Oslo, Dept. of Physics
 - Start date: 081988
 - End date: 111993
 - Qualification: Cand.Scient. (Master of Science)
 - Organisation: Solid states physics. Supraconductors. Experimental design and conduct.
 - Country: Norway

Additional information

Publications

Indoor Emissions of Carbonaceous Aerosol and Other Air Pollutants from Household Fuel Burning in Southwest China
Hefeng Zhang, Tong Zhu, Shuxiao Wang, Jiming Hao, Heidi E.S. Mestl, Line W.H. Alnes, Kristin Aunan, Zeqin Dong, Liying Ma, Yu Hu, Min Zhang, Abdel Wahid Mellouki, Fahe Chai, Shulan Wang. Aerosol and Air Quality Research, 14: 1779–1788, 2014 Indoor PM and CO concentrations in rural Guizhou, China Line W.H. Alnes, Heidi E.S. Mestl, Janne Berger, Hefeng Zhang, Shuxiao Wang, Zeqin Dong, Liying Ma, Yu Hu, Wei Zhang, Kristin Aunan. Energy for Sustainable Development. Volume 21, August 2014, Pages 51_59 Upgrading to cleaner household stoves and reducing chronic obstructive pulmonary disease among women in rural China — A cost_benefit analysis Kristin Aunan, Line W.H. Alnes, Janne Berger, Zeqin Dong, Liying Ma, Heidi E.S. Mestl, Haakon Vennemo, Shuxiao Wang, Wei Zhang. Energy for Sustainable Development 17 (2013) 489–496. Chemical and size characterization of particles

emitted from the burning of coal and wood in rural households in Guizhou, China. Hefeng Zhang, Shuxiao Wang, Jiming Hao, Lin Wan Jingkun Jiang Min Zhang, Heidi E.S. Mestl, Line W.H. Alnes, Kristin Aunan, Abdel Wahid Mellouki. *Atmospheric Environment*. Volume 51, May 2012, Pages 94_99 Indoor Air Pollution And COPD Among Women In Rural Guizhou, China Line W.H. Alnes, Kristin Aunan, Sveinung Berntsen, Zeqin Dong, Heidi E.S. Mestl Conference: American Thoracic Society 2011 International Conference, May 13_18, 2011 • Denver Colorado Global burden of disease as a result of indoor air pollution in Shaanxi, Hubei and Zhejiang, China Heidi E S Mestl 1, Rufus Edwards. *Sci Total Environ*. 2011 Mar 15;409(8) Prevalence Of Self Reported Respiratory Symptoms In Rural Women In Guizhou, China Line W.H. Alnes, Kristin Aunan, Sveinung Berntsen, Zeqin Dong, Heidi E.S. Mestl Conference: American Thoracic Society 2010 International Conference, May 14_19, 2010 • New Orleans Richer and healthier, but not Greener? Choices concerning household energy use in India Mestl, Heidi Elizabeth Staff & Eskeland, Gunnar S., 2009. *Energy Policy*, Elsevier, vol. 37(8), pages 3009_3019, August. Spatial and temporal variations of Norwegian geohazards in a changing climate, the GeoExtreme Project C. Jaedicke, A. Solheim, L. H. Blikra, K. Stalsberg, A. Sorteberg, A. Aaheim, K. Kronholm, D. Vikhamar_Schuler, K. Isaksen, K. Sletten, K. Kristensen, I. Barstad, C. Melchiorre, Ø. A. Høydal, and H. Mestl *Nat. Hazards Earth Syst. Sci.*, 8, 893–904, 2008 www.nat_hazards_earth_syst_sci.net/8/893/2008/ © Author(s) 2008. Implications of Climate Change on Health Impact of Forest Fires in Europe Heidi Mestl, Terje Berntsen, Gunnar Myhre, Ragnhild Bieltvedt Skeie, *Epidemiology (Cambridge, Mass.)* 18(Suppl):S106_S107, September 2007 DOI: 10.1097/01.ede.0000288430.85910.5a Health Benefits from Reducing Indoor Air Pollution from Household Solid Fuel Use in China _ Three Abatement Scenarios Mestl, H. E. S.; K. Aunan and H. M. Seip. 2007. *Environment International*, 33(6), 831_40. Urban and Rural Exposure to Indoor Air Pollution from Domestic Biomass and Coal Burning across China. Mestl, H. E.; K. Aunan; H. M. Seip; S. Wang; Y. Zhao and D. Zhang. 2007. *Science of the Total Environment*, 377(1), 12_26. Air pollution in China: impacts on population exposure and health from industrial and domestic energy use. Heidi Elizabeth Staff Mestl. Dissertations submitted to the Faculty of Mathematics and Natural Sciences, University of Oslo (no. 559), 2006 Potential health benefit of reducing household solid fuel use in Shanxi province, China. Heidi Elizabeth Staff Mestl, Kristin Aunan, Hans Martin Seip. *Science of The Total Environment* Volume 372, Issue 1, 15 December 2006, Pages 120_132 Household Energy, Exposure and Health in China Heidi E. Staff Mestl, Kristin Aunan, Hans Martin Seip, *Epidemiology (Cambridge, Mass.)* 17(Suppl) November 2006 DOI: 10.1097/00001648_200611001_00955 Cleaner production as climate investment—integrated assessment in Taiyuan City, China Heidi E. Staff Mestl, Kristin Aunan, Jinghua Fang, Hans Martin Seip, John Magne Skjelvik, Haakon Vennemo. *Journal of Cleaner Production*, Volume 13, Issue 1, January 2005, Pages 57_70 Co_benefits of CO2 Reducing Policies in China – A Matter of Scale? Kristin Aunan, Heidi E. Staff Mestl, Hans Martin Seip, Jinghua Fang, D.O'Connor, Haakon Vennemo, Fan Zai *International Journal of Global Environmental Issues* 3(3) Februar 2003 Air quality estimates in Taiyuan, Shanxi province, China: application of a multi_source dispersion model. Heidi Elizabeth Staff Mestl, Jinghua Fang. Report / CICERO (2003:01) Co_benefits of CO2 Reduction Policies in ChinaA Matter of Scale? Aunan, Kristin, Jinghua Fang, Heidi E. Mestl, D. O'Connor, Haakon Vennemo, and Fang Zhai. *International Journal of Global Environmental Issues*, v.3(3), 2003, p.287 Programvare for posisjonering av bombekrattere Heidi Mestl, FFI/Notat – 98/003304 Feltforsøk for testing av algoritme for akustisk deteksjon og posisjonering av bombekrattere Heidi Mestl, FFI/Notat – 98/03303. Unntatt offentlighet Measurements and model calculations of forces between a magnet and granular high_Tc superconductor Tom H Johansen, Harald Bratsberg, A.B Riise, Heidi Mestl, Arne Skjeltorp *Applied Superconductivity* 2(7_8):535_548 DOI: 10.1016/0964_1807(94)90043_4. Unntatt offentlighet Investigation of the lateral magnetic force and stiffness between a high - Tc superconductor and magnet of rectangular shapes Tom H Johansen, Heidi Mestl, Harald Bratsberg, *Journal of Applied Physics* 75(3):1667 – 1670 DOI: 10.1063/1.356351

Projects

Memberships

Methodology ESEC

EFSPi Regulatory Statistics Workshop Scientific Committee

Other Relevant Information