



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	Steffen Foss Hansen - Expert		
Address(es)	Bygningstorvet DTU-Building 113, DK-2800 Kgs. Lyngby, Denmark		
Telephone(s)	+45 45251593	Mobile:	+45 29723238
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E-mail	sfh@env.dtu.dk		
Nationality	Danish		
Date of birth	March 5, 1979		
Gender	Male		

Desired employment / Occupational field

Work experience

Dates	2013-
Occupation or position held	Associate Professor
Main activities and responsibilities	Research, teaching, course coordinator, project manager
Name and address of employer	Technical University of Denmark, Department of Environmental Engineering
Dates	2012 – Apr. 2013
Occupation or position held	Senior researcher
Main activities and responsibilities	Research, teaching, course coordinator, project manager
Name and address of employer	Technical University of Denmark, Department of Environmental Engineering
Dates	Nov.2011 – Apr. 2012
Occupation or position held	Guest researcher
Main activities and responsibilities	Co-editor of Late Lessons from Early Warnings: Science, Precaution, Innovation. Copenhagen: European Environment Agency. (EEA Report; No. 1 Vol. 2013. Doi: 10.2800/70069
Name and address of employer	European Environment Agency, Copenhagen, Denmark
Dates	2011 - 2012
Occupation or position held	Expert consultant
Main activities and responsibilities	Drafting report on Environmental Exposure to Nanomaterials – Data Scoping Study. Service Contract No.07.0307/2011/610874/ETU/D.3. Brussels: Milieu
Name and address of employer	Milieu Ltd, Brussels, Belgium
Dates	April 2010 - 2011
Occupation or position held	Part-time consultant
Main activities and responsibilities	Drafting input on ecotoxicology risk assessment of nanomaterials to REACH Implementation project 2 and 3
Name and address of employer	Institute of Occupational Medicine, Edinburgh, Scotland
Dates	April 2010 - 2011
Occupation or position held	Part-time consultant
Main activities and responsibilities	Drafting input on ecotoxicology risk assessment of nanomaterials to REACH Implementation project 2 and 3

Name and address of employer	Institute of Occupational Medicine, Edinburgh, Scotland
Dates	December 2008 - 2011
Occupation or position held	Post Doc
Main activities and responsibilities	Research, teaching, course coordinator, project manager
Name and address of employer	Technical University of Denmark, Department of Environmental Engineering
Dates	May – August 2007
Occupation or position held	Intern
Main activities and responsibilities	Research collaboration with the Project for Emerging Nanotechnologies
Name and address of employer	Woodrow Wilson Center for International Scholars
Dates	January – May 2007
Occupation or position held	Visiting research scholar
Main activities and responsibilities	Research
Name and address of employer	University of Massachusetts, Lowell and the Nanomanufacturing Center of Excellence
Dates	2005 - 2008
Occupation or position held	Ph.D. student
Main activities and responsibilities	The study entitled: Risk Analysis and Governance of Nanotechnologies is financed by the Technical University of Denmark and Associate Professor Anders Baun acted as main supervisor.
Name and address of employer	Technical University of Denmark, Department of Environmental Engineering
Dates	2004 - 2005
Occupation or position held	Teaching Assistant in ' <i>Environmental Management and Ethics</i> ' and ' <i>Practical Applications of Environmental Principles</i> '
Main activities and responsibilities	Teaching, student supervision and correcting assignments
Name and address of employer	Institute of Environment & Resources, Technical University of Denmark
Dates	2002 - 2003
Occupation or position held	Student employee
Main activities and responsibilities	Review of green accounts reporting
Name and address of employer	Department of Industry, Technical Administration, Roskilde Amt.
Education and training	
Dates	2009
Title of qualification awarded	Ph.D.
Principal subjects/occupational skills covered	Title of thesis: Regulation and Risk Assessment of Nanomaterials – Too Little, Too Late?
Name and type of organisation providing education and training	Technical University of Denmark
Dates	2004
Title of qualification awarded	MSc
Principal subjects/occupational skills covered	Title of thesis: The Precautionary Principle and Unnecessary Precautionary Action
Name and type of organisation providing education and training	Roskilde University
Dates	2003 - 2004
Title of qualification awarded	No title
Principal subjects/occupational skills covered	Risk assessment, occupational health and safety, green chemistry

Name and type of organisation
providing education and training

University of Massachusetts, Lowell

Personal skills and competences

Mother tongue(s)

Danish

Other language(s)

English, German

Self-assessment

European level (*)

English

German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
	Fluent		Fluent		Fluent		Fluent		Fluent
	Fluent		Fluent		Fluent		Fluent		Fluent

(*) Common European Framework of Reference for Languages

Additional information

Scientific Reviewer for more than 30 scientific journals including:

1. Nature Nanotechnology
2. Current Chemical Biology
3. Environmental International
4. International Journal of Occupational and Environmental Health
5. Journal of Nanoparticle Research
6. Erasmus Law Review

Annexes

50 most recent publications

Publications

1. DTU, GEUS, DCE. 2016. Videnskabelig udredning af international viden om skifergas relateret til en dansk kontekst. Kgs. Lyngby: Technical University of Denmark.
2. Mackevica, A., Olsson, M.E., Hansen, S.F. 2016. The release of silver nanoparticles from commercial toothbrushes. Journal of Hazardous Materials <http://dx.doi.org/10.1016/j.jhazmat.2016.03.067>.
3. Hansen, S.F., Heggelund, L., Mackevica, A. 2016. Nanoproducts: What is Actually Available to European Consumers? Environmental Science Nano. DOI: 10.1039/c5en00182j
4. Brinch, A., Hansen, S.F., Hartmann, N.B., Baun, A. 2016. EU Regulation of Nanobiocides: Challenges in Implementing the Biocidal Product Regulation (BPR). Nanomaterials 6, 33; doi:10.3390/nano6020033
5. Nowack, B., Boldrin, A., Caballero, A., Hansen, S.F., Gottschalk, F., Heggelund, L., Hennig, M., Mackevica, A., Maes, H., Navratilova, J., Neubauer, N., Peters, R., Rose, J., Schäffer, A., Scifo, L., van Leeuwen, S., Kammer, F. v.d., Wohlleben, W., Wyrwoll, A., Hristozov, D. 2016. Meeting the Needs for Released Nanomaterials Required for Further Testing - The SUN Approach. Environmental Science & Technology. DOI: 10.1021/acs.est.5b04472.
6. Grieger, K.D., Hansen, S.F., Mortensen, N.P., Cates, S., Kowalczyk, B. 2016. International Implications of Labeling Foods Containing Engineered Nanomaterials Journal of Food Protection 79(5): 830–842.
7. Liguori, B., Hansen, S.F., Baun, A., Jensen, K.A. 2016. Control banding tools for occupational exposure assessment of nanomaterials – Ready for use in a regulatory context? NanoImpact doi: 10.1016/j.impact.2016.04.002
8. Hjorth, R., Hansen, S.F., Jacobs, M., Tickner, J., Ellenbecker, M., Baun, A. 2016. The applicability of chemical alternatives assessment for engineered nanomaterials. Integrated Environmental Assessment and Management DOI: 10.1002/ieam.1762
9. Goldstein, B., Hansen, S.F., Gjerris, M., Laurent, A., Birkved, M. 2016. Ethical aspects of life cycle assessments of diets. Food Policy 59 (2016) 139–151

10. DTU, GEUS, DCE. 2016. Videnskabelig udredning af international viden om skifergas relateret til en dansk kontekst. Kgs. Lyngby: Technical University of Denmark.
11. Lassen, C., Hansen, S.F., Magnusson, K., Norén, F., Hartmann, N.B., Jensen, P.R., Nielsen, T.G., Brinch, A. 2016. Microplastics Occurrence, effects and sources of releases to the environment in Denmark Environmental project No. 1793, 2015. Ministry of Environment and Food The Danish Environmental Protection Agency.
12. Mackevica, A., Olsson, M.E., Hansen, S.F. 2016. Silver nanoparticle release from commercially available plastic food containers into food simulants. *Journal of Nanoparticle Research* 18:5 DOI 10.1007/s11051-015-3313-x
13. Mackevica, A., Hansen, S.F. 2015. Release of nanomaterials from solid nanocomposites and consumer exposure assessment – A forward-looking review. *Nanotoxicology* DOI: 10.3109/17435390.2015.1132346
14. Hansen, S.F., Baun, A. 2015. DPSIR and Stakeholder Analysis of the Use of Nanosilver. *NanoEthics* 9(3): 297-319.
15. Hansen, S.F. 2015. Precaution and the myth of over regulation. *Health Risks, Precaution and Innovation. Summarized proceedings. ANSES* <https://www.anses.fr/fr/system/files/AnsesScesPo-Actes2015.pdf>
16. Syberg, K., Hansen, S.F. 2015. Environmental risk assessment of chemicals and nanomaterials — The best foundation for regulatory decision-making? *Science of the Total Environment* 541 (2016) 784–794.
17. Hansen, S.F. 2015. The challenges of ecotox testing of nanomaterials and the BPR. *Chimica Oggi - Chemistry Today* - vol. 33(3) 78-79.
18. Tiede, K., Hansen, S.F., Westerhoff, P., Fern, G.J., Hankin, S.M., Aitken, R.J., Chaudhry, Q., Boxall, A.B.A. 2015. How important is drinking water exposure for the risks of engineered nanoparticles to consumers? *Nanotoxicology*, Early Online: 1–9
19. Kirkegaard, P., Hansen, S.F., Rygaard, M. 2015. Potential Exposure and Treatment Efficiency of Nanoparticles in Water Supplies based on Wastewater Reclamation. *Environmental Science: Nano*. DOI: 10.1039/C4EN00192C
20. Wickson, F., Hartmann, N. I. B., Hjorth, R., Hansen, S. F., Wynne, B., Baun, A. 2014. Balancing scientific tensions. *Nature Nanotechnology* 9: 870-870
21. Hartmann, N.B., Skjolding, L.M., Hansen, S.F., Kjølholt, J., Gottschalck, F., Baun, A. 2014. Environmental fate and behaviour of nanomaterials New knowledge on important transformation processes Environmental Project No. 1594, 2014. Copenhagen: The Danish Environmental Protection Agency
22. Hansen, S.F., Maynard, A., Baun, A., Tickner, J.A., Bowman, D. 2014. What Are the Warning Signs That We Should Be Looking For? In *Nanotechnology Environmental Health and Safety Risks, Regulation, and Management, Second Edition*. M.S. Hull and D. M. Bowman (eds.). William Andrew: Elsevier
23. Hansen, S.F., Gee, D. 2014. The EU needs more anticipatory funding of health and environmental research. *Euractiv*. Available: <http://www.euractiv.com/sections/health-consumers/eu-needs-more-anticipatory-funding-health-and-environmental-research>.
24. Gee, D., Hansen, S.F. 2014 The downsides of innovations: anticipate and act rather than ignore? *The Murmur*, 3: 19
25. Hansen, S.F. 2014. Late Lessons from Early Warnings: Is it Impossible to Learn from History? *Chain Reaction* 121:13-14. Available: <http://www.foe.org.au/sites/default/files/CR%23121-web-3MB.pdf>
26. Hansen, S.F., Gee, D. 2014. Adequate and anticipatory research on the potential hazards of emerging technologies: a case of myopia and inertia? *J Epidemiol Community Health* doi:10.1136/jech-2014-204019
27. Boldrin, A., Hansen, S.F., Baun, A., Hartmann, N., Astrup, T.F. 2014. Environmental exposure assessment framework for nanoparticles in solid waste. *Journal of Nanoparticle Research* 16:2394 DOI 10.1007/s11051-014-2394-2
28. Hansen, S.F., Brinch, A., 2014. The biocides market for nano actives. *Chemical Watch* 67: 8-9
29. Hansen, S.F., Kristensen, H.V. 2014. Horizon-Scanning and Identification of Emerging Risks among Nanotech Companies in Denmark *Nanotechnology Law & Business* Spring 1: 82-92
30. Hansen, S.F., Jensen, K.A., Baun, A. 2014. NanoRiskCat: A conceptual tool for categorization and communication of exposure potentials and hazards of nanomaterials in consumer products. *Journal of Nanoparticle Research* 16(1):2195 DOI 10.1007/s11051-013-2195-z

31. WHO. 2013. Nanotechnology and human health: Scientific evidence and risk governance. Report of the WHO expert meeting 10–11 December 2012, Bonn, Germany. Copenhagen, WHO Regional Office for Europe, 2013.
32. Hansen, S.H., Pedersen, L.C., Vilsgaard, K.D., Elbæk Nielsen, I., Hansen, S.F. 2013. Environmental and ethical assessment of sustainable mining in Greenland. *Journal of Earth Science and Engineering* 3: 213-224.
33. Hansen, S.F. 2013. The European Union's chemical legislation needs revision. *Nature Nanotechnology* 8, 305–306.
34. Newcombe, A., Evangelio, A., Revilla, P., Laranjeiro, T., Hansen, S. F. 2013. The environmental, social and ethical aspects of multinational corporations exploiting oil resources in Ecuador. *Proceedings of Wessex Environmental Health Risk 2013*. Wessex: WIT Press.
35. Elbæk Nielsen, I., Hansen, S.H., Pedersen, L.C., Vilsgaard, K.D., Hansen, S.F. 2013. Environmental and ethical assessment of sustainable mining in Greenland. *Proceedings of Sustainability in mining in the Arctic*. Sisimiut, 9-11 April, 2013.
36. Gee, D. Grandjean, P., Hansen, S.F., van den Hove, S., MacGarvin, M., Martin, J., Nielsen, G., Quist, D., Stanners, D. (Eds.) (2013). *Late Lessons from Early Warnings: Science, Precaution, Innovation*. Copenhagen: European Environment Agency. (EEA Report; No. 1 Vol. 2013. Doi: 10.2800/70069
37. Hansen, S.F., Tickner, J.A. 2013. The Precautionary Principle and false alarms. In David Gee et al. (Eds.). *Late lessons from early warnings: science, precaution, innovation*. European Environment Agency Available: <http://www.eea.europa.eu/publications/late-lessons-2>
38. Hansen, S.F., Maynard, A., Baun, A., Tickner, J.A., Bowman, D.M. 2013. Nanotechnology — early lessons from early warnings. Gee et al. (Eds.). *Late lessons from early warnings: science, precaution, innovation*. European Environment Agency Available: <http://www.eea.europa.eu/publications/late-lessons-2>
39. Gee et al. 2013. In conclusion. In David Gee et al. (Eds.). *Late lessons from early warnings: science, precaution, innovation*. European Environment Agency Available: <http://www.eea.europa.eu/publications/late-lessons-2>
40. Kristensen, H.V., Nørskov, E. Hansen, S. F., Baun, A. 2013. Virkemidler til sikker håndtering af nanomaterialer - debatpjece med anbefalinger. København: Teknologisk Institut.
41. Hansen, S.F., Nolde Nielsen, K., Knudsen, N., Grieger, K.D., Baun, A., 2013. Operationalization and application of “early warning signs” to screen nanomaterials for harmful properties. *Environmental Science: Processes & Impacts* 15:190-203
42. Hansen, S.F., Grieger, K.D., Baun, A. 2012. Nanomaterials: Regulation and Risk Assessment. In Jørgensen, S.E. (Ed.) *Encyclopedia of Environmental Management*, pp. 1700-1710. Taylor & Francis. Doi: 10.1081/E-EEM-120046916
43. Grieger, K.D., Hansen, S.F., Baun, A. 2012. Nanoparticles: Uncertainty Risk Analysis. In Jørgensen, S.E. (Ed.) *Encyclopedia of Environmental Management*, pp. 1700-1710. Taylor & Francis. Doi: 10.1081/E-EEM-120046916
44. Ganzleben, C., Hansen, S.F. 2012. Environmental Exposure to Nanomaterials – Data Scoping Study. Service Contract No.07.0307/2011/610874/ETU/D.3. Brussels: Milieu
45. Hansen, S.F., Baun, A. 2012. When Enough is Enough. *Nature Nanotechnology* 7: 409-411.
46. Hansen, S.F., Baun, A. 2012. European regulation affecting nanomaterials – review of limitations and future recommendations. *Dose Response* 10(3): 364-383.
47. Grieger, K.D., Hansen, S.F., Linkov, I., Baun, A. 2012. Environmental Risks of Nanomaterials: Review and evaluation of Frameworks. *Nanotoxicology* 6(2):196-212
48. Tiede, K., Westerhoff, P., Hansen, S.F., Fern, G.J., Hankin, S.M., Aitken, R.J., Chaudhry, Q., Boxall, A.B.A. 2012. Review of the risks posed to drinking water by man-made nanoparticles. York: Food and Environment Research Agency (Fera) DWI 70/2/246. Available: http://dwi.defra.gov.uk/research/completed-research/reports/DWI70_2_246.pdf
49. Aitken, R.A., Bassan, A., Friedrichs, S., Hankin, S.M., Hansen, S.F., Holmqvist, J., Peters, S.A.K., Poland, C.A., Tran, C.L. 2011. Specific Advice on Exposure Assessment and Hazard/Risk Characterisation for Nanomaterials under REACH (RIP-oN 3) Final Project Report . Document reference RNC/RIP-oN3/FPR/1/FINAL Brussels: European Commission. Available: http://ec.europa.eu/environment/chemicals/nanotech/pdf/report_ripon3.pdf
50. Ganzleben, C., Pelsy, F., Hansen, S.F., Corden, C., Grebot, B., Sobey, M. 2011. Review of Environmental Legislation for the Regulatory Control of Nanomaterials. Brussels: Milieu Ltd.