Steffen Foss Hansen - DTU Orbit (23/01/2019)

Hansen, Steffen Foss
sfha@env.dtu.dk
Department of Environmental Engineering - Associate Professor
Environmental Fate & Effect of Chemicals

Research outputs:

Application and testing of risk screening tools for nanomaterial risk analysis
Research output: Research - peer-review › Journal article – Annual report year: 2018

Dermal transfer quantification of nanoparticles from nano-enabled surfaces
Research output: Research - peer-review › Journal article – Annual report year: 2018

Identifying criteria for environmental risk assessment models at different stage-gates of nanomaterial/product innovation considering requirements of various stakeholders
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

Identifying criteria for environmental risk assessment models at different stage-gates of nanomaterial/product innovation considering requirements of various stakeholders
Research output: Research - peer-review › Poster – Annual report year: 2018

Occurrence, characterisation and fate of (nano)particulate Ti and Ag in two Norwegian wastewater treatment plant
Research output: Research - peer-review › Journal article – Annual report year: 2018

Proxy Measures for Simplified Environmental Assessment of Manufactured Nanomaterials
Research output: Research - peer-review › Review – Annual report year: 2018

Quantitative characterization of TiO2 nanoparticle release from textiles by conventional and single particle ICP-MS
Research output: Research - peer-review › Journal article – Annual report year: 2018

Quantitative human health risk assessment along the lifecycle of nano-scale copper-based wood preservatives
Research output: Research - peer-review › Journal article – Annual report year: 2018
Registration, Evaluation, Authorisation, Categorisation and Tools to Evaluate Nanomaterials – Opportunities and Weaknesses (REACT NOW)
Research output: Research › Doctoral thesis – Annual report year: 2018

Revising REACH technical guidance on information requirements and chemical safety assessment for engineered nanomaterials for aquatic ecotoxicity endpoints - recommendations from the EnvNano project
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

The difficulties in establishing an occupational exposure limit for carbon nanotubes
Research output: Research - peer-review › Journal article – Annual report year: 2018

The ten decrees of nanomaterials regulations
Clausen, L. P. W. & Hansen, S. F. 2018 In : Nature Nanotechnology. 13, 9, p. 766-768
Research output: Research - peer-review › Journal article – Annual report year: 2018

Transport of Nanoparticles From Coated Surfaces Through Physical Contact: Application Note
Research output: Communication › Report – Annual report year: 2018

A Critical Analysis of the Environmental Dossiers from the OECD Sponsorship Programme for the Testing of Manufactured Nanomaterials
Research output: Research - peer-review › Journal article – Annual report year: 2017

A critical and in-depth analysis of the environmental aspect of the OECD SP dossiers
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

A critical and in-depth anEcotoxicity testing of nanoparticles - The quest for disclosing the nano-effect
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Categorization of Advanced Materials and European Environmental Regulation
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Correction to Development of Comparative Toxicity Potentials of TiO₂ Nanoparticles for Use in Life Cycle Assessment
Research output: Research - peer-review › Comment/debate – Annual report year: 2017

Development of Comparative Toxicity Potentials of TiO₂ Nanoparticles for Use in Life Cycle Assessment
Ecotoxicity testing of nanoparticles - The quest for disclosing the nano-effect
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Erratum to: NanoRiskCat: a conceptual tool for categorization and communication of exposure potentials and hazards of nanomaterials in consumer products
Hansen, S. F., Jensen, K. A. & Baun, A. 2017 In : Journal of Nanoparticle Research. 19, 7, 3 p., 236
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

From macro- to microplastics - Analysis of EU regulation along the life cycle of plastic bags
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Goodness of dustiness index for predicting human exposure to airborne nanomaterials
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Identifying criteria for environmental risk assessment models at different stagegates of nano-material/product innovation considering requirements of various stakeholders
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Meeting the needs for released nanomaterials required for further testing - the sun approach
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Occurrence, characterisation and fate of (nano)particulate Ti and Ag in two Norwegian wastewater treatment plants
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

React now regarding nanomaterial regulation
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Readiness of control banding tools for safe innovation and regulatory occupational exposure assessment of nanomaterials
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Revising REACH guidance on information requirements and chemical safety assessment for engineered nanomaterials for aquatic ecotoxicity endpoints: recommendations from the EnvNano project
Risk Perception of Plastic Pollution: Importance of Stakeholder Involvement and Citizen Science

Teaching nanosafety
Hansen, S. F. & Baun, A. 2017 In : Nature Nanotechnology. 12, 6, 1 p., 596

The applicability of chemical alternatives assessment for engineered nanomaterials

The release of silver nanoparticles from commercial toothbrushes

The Role of Alternative Testing Strategies in Environmental Risk Assessment of Engineered Nanomaterials

The sun tiered modeling-based inhalation, dermal, oral and inadvertent oral exposure assessment framework for nanomaterials

Acute toxicity of sea-dumped chemical munitions: Luminating the environmental toxicity of legacy compounds

Advancing Alternative Analysis: Integration of Decision Science

Advancing the Applicability of Alternatives Assessment for Engineered Nanomaterials

Afværgeforanstaltninger og monitorering

Aquatic Ecotoxicity Testing of Nanoparticles—The Quest To Disclose Nanoparticle Effects
Aquatische Ökotoxizität von Nanopartikeln – Versuche zur Aufklärung von Nanopartikeleffekten
Research output: Research - peer-review › Review – Annual report year: 2016

Control banding tools for occupational exposure assessment of nanomaterials - Ready for use in a regulatory context?
Research output: Research - peer-review › Journal article – Annual report year: 2016

Current uses of nanomaterials in biocidal products and treated articles in the EU
11 p.
Research output: Research - peer-review › Journal article – Annual report year: 2016

Environmental risk assessment and management of engineered nanomaterials - The role of ecotoxicity testing

Environmental risk assessment of chemicals and nanomaterials — The best foundation for regulatory decision-making?
Research output: Research - peer-review › Journal article – Annual report year: 2016

Ethical aspects of life cycle assessments of diets
Research output: Research - peer-review › Journal article – Annual report year: 2016

EU Regulation of Nanobiocides: Challenges in Implementing the Biocidal Product Regulation (BPR)
Brinch, A., Hansen, S. F., Hartmann, N. B. & Baun, A. 2016 In : Nanomaterials. 6, 2, 16 p., 33
Research output: Research - peer-review › Journal article – Annual report year: 2016

Farlighedsscreening og farlighedsvurdering af kemikalier anvendt ved udvinding af skifergas
Research output: Commissioned › Report chapter – Annual report year: 2016

How important is drinking water exposure for the risks of engineered nanoparticles to consumers?
Research output: Research - peer-review › Journal article – Annual report year: 2016

International Implications of Labeling Foods Containing Engineered Nanomaterials
Research output: Research - peer-review › Journal article – Annual report year: 2015

Introduktion
Hansen, S. F., Johnsen, A. R. & Jensen, P. N. 2016 Videnskabelig udredning af international viden om skifergas relateret til en dansk kontekst: DTU, GEUS, DCE. Aarhus Universitet, GEUS og Danmarks Tekniske Universitet, p. 9-10
Research output: Commissioned › Report chapter – Annual report year: 2016
Meeting the Needs for Released Nanomaterials Required for Further Testing—The SUN Approach
Research output: Research - peer-review › Journal article – Annual report year: 2016

Miljøpåvirkninger og afværgeforanstaltninger ifm. skifergasproduktion
Research output: Commissioned › Report chapter – Annual report year: 2016

Nanoproducts – what is actually available to European consumers?
Research output: Research - peer-review › Journal article – Annual report year: 2016

Occupational Exposure Assessment of Nanomaterials using Control Banding Tools

Overordnet beskrivelse af skifergas og skifergasproduktion
Hansen, S. F. 2016 Videnskabelig udredning af international viden om skifergas relateret til en dansk kontekst: DTU, GEUS, DCE. Aarhus Universitet, GEUS og Danmarks Tekniske Universitet, p. 10-13
Research output: Commissioned › Report chapter – Annual report year: 2016

Overordnet beskrivelse /screening af risici og farer ved indvinding af skifergas
Research output: Commissioned › Report chapter – Annual report year: 2016

Quantification of dermal exposure to nanoparticles from solid nanocomposites by using single particle ICP-MS
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Release of nanomaterials from consumer products and Implications for consumer exposure assessment

Release of nanomaterials from solid nanocomposites and consumer exposure assessment - a forward-looking review
Mackevica, A. & Hansen, S. F. 2016 In : Nanotoxicology. 10, 6, p. 641-653
Research output: Research - peer-review › Journal article – Annual report year: 2016

Sammensætning af boremudder
Hansen, S. F. & Sanderson, H. 2016 Videnskabelig udredning af international viden om skifergas relateret til en dansk kontekst: DTU, GEUS, DCE. Aarhus Universitet, GEUS og Danmarks Tekniske Universitet, p. 67-68
Research output: Commissioned › Report chapter – Annual report year: 2016

Semi-quantitative analysis of solid waste flows from nano-enabled consumer products in Europe, Denmark and the United Kingdom - Abundance, distribution and management
Research output: Research - peer-review › Journal article – Annual report year: 2016
Potential exposure and treatment efficiency of nanoparticles in water supplies based on wastewater reclamation
Research output: Research - peer-review › Journal article – Annual report year: 2015

Potential Nanomaterial Enhanced Conflicts
Research output: Research - peer-review › Poster – Annual report year: 2015

The Applicability of Chemical Alternatives Assessment for Engineered Nanomaterials
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Transformation and distribution processes governing the fate and behaviour of nanomaterials in the environment: an overview
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Waste management of ENM-containing solid waste in Europe
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

The challenges of ecotox testing of nanomaterials and the BPR
Hansen, S. F. 2015 In : Chimica Oggi. 33, 3, p. 78-79
Research output: Research - peer-review › Journal article – Annual report year: 2015

The Applicability of Chemical Alternatives Assessment for Engineered Nanomaterials
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

DPSIR- and Stakeholder Analysis of the Use of Nanosilver
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Environmental exposure assessment framework for nanoparticles in solid waste
Research output: Research - peer-review › Journal article – Annual report year: 2014
Environmental fate and behaviour of nanomaterials: New knowledge on important transformation processes
Research output: Commissioned - peer-review › Report – Annual report year: 2014

Estimation of ENM release from EOL consumer products in solid waste streams in Europe
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Horizon-Scanning and Identification of Emerging Risks among Nanotech Companies in Denmark
Hansen, S. F. & Kristensen, H. V. 2014 In : Nanotechnology Law & Business. 11, 1, p. 82-92
Research output: Research - peer-review › Journal article – Annual report year: 2014

Late Lessons from Early Warnings: Er det umuligt at lære af historien?
Hansen, S. F. 2014 In : Global Oekologi. 21, 1, p. 20-23
Research output: Communication › Journal article – Annual report year: 2014

Late Lessons from Early Warnings: Is it impossible to learn from history?
Hansen, S. F. 2014 In : Chain Reaction. 121, p. 13-14
Research output: Communication › Journal article – Annual report year: 2014

Leaching potential of nanomaterials during different human contact scenarios and end-of-life
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Mapping ENM from consumer products in solid waste flows in Denmark
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Nanomaterials: meet the four horsemen of (the) ecotox
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

NanoRiskCat: a conceptual tool for categorization and communication of exposure potentials and hazards of nanomaterials in consumer products
Research output: Research - peer-review › Journal article – Annual report year: 2014

NanoRiskCat and nanodb.dk – Advancing Sustainability through Safety and Risk Evaluation of Nanomaterials and Products in Europe
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

PNEC – Predicted No Effect Concentration: PNEC – Potential Nanomaterial Enhanced Conflicts
Research output: Research › Sound/Visual production (digital) – Annual report year: 2014

Potential Nanomaterial Enhanced Conflicts
Research output: Research - peer-review › Report – Annual report year: 2014

Silver release from nano-silver containing plastic food containers
Research output: Research - peer-review › Poster – Annual report year: 2014

Silver, titanium dioxide and iron (III) oxide nanoparticle release from plastics
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Sustainable nanomaterials? – How to apply "early warning signs" to screen nanomaterials for harmful properties
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

The biocides market for nano actives
Hansen, S. F. & Brinch, A. 2014 In : Chemical Watch. 67, p. 8-9
Research output: Communication › Journal article – Annual report year: 2014

The downsides of innovations: anticipate and act rather than ignore?
Gee, D. & Hansen, S. F. 2014 In : The Murmur. 1, 4, p. 18-19
Research output: Communication › Journal article – Annual report year: 2014

Transformation and distribution processes governing the fate and behaviour of nanomaterials in the environment: an overview
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

What are the warning signs that we should be looking for?
Research output: Research - peer-review › Book chapter – Annual report year: 2015

Comparison of occupational exposure assessment tools and concepts for nanomaterials
Liguori, B., Hansen, S. F., Baun, A. & Alstrup Jensen, K. 2013
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Comparison of occupational exposure assessment tools and concepts for nanomaterials
Research output: Research - peer-review › Poster – Annual report year: 2013

Environmental and Ethical Aspects of Sustainable Mining in Greenland
Research output: Research - peer-review › Journal article – Annual report year: 2013
In conclusion
Research output: Research › Book chapter – Annual report year: 2013

Knowledge into action: Some lessons from the histories of hazards
Hansen, S. F. & Gee, D. 2013 1 p.
Research output: Research › peer-review › Conference abstract for conference – Annual report year: 2013

Late lessons from early warnings: science, precaution, innovation
Research output: Commissioned › Report – Annual report year: 2013

Nanomaterials: Regulation and Risk Assessment
Research output: Research › peer-review › Book chapter – Annual report year: 2012

Research output: Research › Report – Annual report year: 2013

Nanotechnology — early lessons from early warnings
Research output: Research › Book chapter – Annual report year: 2013

Operationalization and application of "early warning signs" to screen nanomaterials for harmful properties
Research output: Research › peer-review › Journal article – Annual report year: 2012

Operationalization and application of "early warning signs" to screen nanomaterials for harmful properties
Research output: Research › Conference abstract for conference – Annual report year: 2013

Operationalization and application of "early warning signs" to screen nanomaterials for harmful properties operationalizationand application of "early warning signs" to screen nanomaterials for harmful properties
Research output: Research › peer-review › Conference abstract for conference – Annual report year: 2013

Pro et con analysis of existing ranking and occupational risk assessment concepts for Nanomaterials
Research output: Research › peer-review › Conference abstract in proceedings – Annual report year: 2013

The environmental, social and ethical aspects of multinational corporations exploiting oil resources in Ecuador
Research output: Research › peer-review › Article in proceedings – Annual report year: 2013
The European Union's chemical legislation needs revision
Hansen, S. F. 2013 In: Nature Nanotechnology. 8, 5, p. 305-306
Research output: Research - peer-review › Letter – Annual report year: 2013

The precautionary principle and false alarms — lessons learned
Research output: Research › Book chapter – Annual report year: 2013

Virkemidler til sikker håndtering af nanomaterialer - debatpjece med anbefalinger
Research output: Research › Book – Annual report year: 2013

VITAL nano - Nye virkemidler til sikker håndtering af nanomaterialer: Slutrapport
Research output: Research › Report – Annual report year: 2013

Environmental Exposure to Nanomaterials – Data Scoping Study: Final Report
Research output: Research › Report – Annual report year: 2013

Environmental risk analysis for nanomaterials: Review and evaluation of frameworks
Research output: Research - peer-review › Journal article – Annual report year: 2011

European regulation affecting nanomaterials – review of limitations and future recommendations
Research output: Research - peer-review › Journal article – Annual report year: 2011

Horizon-scanning and Identification of Emerging Risks among Nanotech-companies
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

Nanodatabasen - new Danish product inventory
Research output: Research - peer-review › Poster – Annual report year: 2012

Nanomaterials as priority substances under the Water Framework Directive
Research output: Research - peer-review › Journal article – Annual report year: 2012

Nanoparticles: Uncertainty Risk Analysis
Research output: Research - peer-review › Book chapter – Annual report year: 2012

Nanotechnology and Human Health: Scientific Evidence and Risk Governance
Research output: Research - peer-review › Poster – Annual report year: 2013

Pro et con analysis of existing ranking and occupational risk assessment concepts for nanomaterials
Research output: Research - peer-review › Report chapter – Annual report year: 2012
Nanowaste: Business-As-Usual Or A New Challenge For The Waste Industry?
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Review of Environmental Legislation for the Regulatory Control of Nanomaterials: Final Report
Research output: Research › Report – Annual report year: 2012

Specific Advice on Exposure Assessment and Hazard/Risk Characterisation for Nanomaterials under REACH (RIP-oN 3) - Final Project Report
Research output: Research › Report – Annual report year: 2011

Specific Advice on Fulfilling Information Requirements for Nanomaterials under REACH (RIP-oN 2) – Final Project Report
Research output: Research › Report – Annual report year: 2011

Survey on basic knowledge about exposure and potential environmental and health risks for selected nanomaterials
Research output: Research › Report – Annual report year: 2011

Towards a nanorisk appraisal framework
Senjen, R. & Hansen, S. F. 2011 In : Comptes Rendus Physique. 12, 7, p. 637
Research output: Research - peer-review › Journal article – Annual report year: 2011

A global view of regulations affecting nanomaterials
Hansen, S. F. 2010 In : Wiley Interdisciplinary Reviews - Nanomedicine and Nanobiotechnology. 2, 5, p. 441-449
Research output: Research - peer-review › Journal article – Annual report year: 2010

Assessing the Environmental Risks of Nanomaterials: A Comparison of Risk Assessment Frameworks
Grieger, K. D., Hansen, S. F. & Baun, A. 2010
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2010

Engineered nanoparticles: Review of health and environmental safety (ENRHES). Project Final Report
Research output: Research - peer-review › Report – Annual report year: 2010

Multicriteria mapping of stakeholder preferences in regulating nanotechnology
Research output: Research - peer-review › Journal article – Annual report year: 2010

Nanomaterialer – er de farlige?
Research output: Research › Journal article – Annual report year: 2010

Nanomaterialer, miljøkemi og økotoksikologi. Kan vi forudsætte det uforudsete?
Research output: Research - peer-review › Book chapter – Annual report year: 2011
Options for state chemicals policy reform: A resource guide
Research output: Research - Report – Annual report year: 2008

Putting risk-risk tradeoffs in perspective: a response to Graham and Wiener
Hansen, S. F. & Tickner, J. A. 2008 In : Journal of Risk Research. 11, 4, p. 475-483
Research output: Research - peer-review › Journal article – Annual report year: 2008

The precautionary principle and risk-risk tradeoffs
Research output: Research - peer-review › Journal article – Annual report year: 2008

Uncertainty and sensitivity analysis of environmental and health risks of nanomaterials
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2008

Uncertainty and Sensitivity Analysis of Environmental and Health Risks of Nanomaterials: Ensuring that EHS Research Prioritization and Efforts Transform into Short-term Decision-making Processes
Research output: Research - peer-review › Poster – Annual report year: 2008

Categories of nanomaterials and their environmental hazards
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2007

Categorization framework to aid hazard identification of nanomaterials
Research output: Research - peer-review › Journal article – Annual report year: 2007

Categorizing Mistaken False Positives in Regulation of Human and Environmental Health
Research output: Research - peer-review › Journal article – Annual report year: 2007

Chemicals regulation and precaution: does REACH really incorporate the precautionary principle
Research output: Research - peer-review › Journal article – Annual report year: 2007

Kortlægning af produkter der indeholder nanoparticles eller er baseret på nanoteknologi
Research output: Research - Report – Annual report year: 2007

Limits and prospects of the "incremental approach" and the European legislation on the management of risks related to nanomaterials
Research output: Research - peer-review › Journal article – Annual report year: 2007

Limits and prospects of the "incremental approach" and the European legislation on the management of risks related to nanomaterials
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2007
Nanomaterials in consumer products and potential hazards
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2007

Nanotechnology/Health effects of nanoparticles
Research output: Research › Book chapter – Annual report year: 2007

Nanoteknologi - er det farligt?
Research output: Research › Journal article – Annual report year: 2007

Response to "Regulatory false positives: True, false or uncertain?"
Research output: Research - peer-review › Journal article – Annual report year: 2007

Survey of nanotechnological consumer products
Research output: Research › Report – Annual report year: 2007

The challenges of adopting voluntary health, safety and environment measures for manufactured nanomaterials: Lessons from the past for more effective adoption in the future
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2007

The challenges of adopting voluntary health, safety and environment measures for manufactured nanomaterials: Lessons from the past for more effective adoption in the future
Research output: Research - peer-review › Journal article – Annual report year: 2007

Categorizing commercially available nanoproducts in a risk management perspective
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2006

Environmental risk assessment of nanotechnology: categories of nanomaterials: WE1/MI/1
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2006

Mapping the gaps in regulation of nanotechnology in a life cycle perspective
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2006

Risk management, risk-risk tradeoffs and the precautionary principle
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2005
State-of-the-art critical review of the potential hazards of manufactured nanomaterials
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2005

Projects:

Shale gas in a Danish context
Hansen, S. F.
31/08/2015 → 29/01/2016
Project: Research

NanoWASTE: Investigating the fate of nanomaterials in waste water treatment plants; removal, release and subsequent impacts
Hansen, S. F. & Polesel, F.
01/12/2014 → 30/05/2018
Project: Research

Microplastics Occurrence, effects and sources of releases to the environment in Denmark
Hansen, S. F.
01/01/2015 → 12/11/2015
Project: Research

Support for 3rd regulatory review of nanomaterials – environmental legislation
Hansen, S. F.
09/11/2015 → 09/09/2016
Project: Research

Drivers and Barriers to the Innovation and Implementation of Alternative Solutions to Climate Adaption
Institut stipendie (DTU)
15/12/2014 → 11/12/2018
Project: PhD

Characterization and Management of Nanowaste
Heggelund, L. R., Boldrin, A., Astrup, T. F., Hansen, S. F., Kjeldsen, P., Ingerslev, F. & Mitrano, D. M.
Samfinansieret - Andet
15/01/2014 → 30/09/2017
Project: PhD

New high-quality mined nanomaterials mass produced for plastic and wood-plastic nanocomposites
Miseljic, M., Olsen, S. I., Hauschild, M. Z., Birkved, M., Hansen, S. F. & Hischier, R.
Institut, samfinansiering
01/01/2011 → 19/03/2015
Project: PhD

Life cycle assessment applied to nanomaterials in solid waste management - Focus on human health impact assessment
1/3 DTU-stip, 2/3 FUR/andet
01/05/2010 → 24/03/2014
Project: PhD

Nanotechnology, Innovation and the Precautionary Principle
Hansen, S. F., Baun, A., Christensen, F. M. & Owen, R.
Aquatic toxicity testing for hazard identification of engineered nanoparticles
Sørensen, S. N., Baun, A., Hansen, S. F., Lützhøft, H. H., Mayer, P., Kühnel, D. & Palmqvist, A.
Institut stipendie (DTU) Samf.
01/04/2012 → 30/06/2016
Project: PhD

Environmental Effects and Risk Evaluation of Engineered Nanoparticles - Ecotoxicity
Skjølding, L. M., Baun, A., Selck, H., Hansen, S. F., Banta, G. T., B. Henry, T. & Banta, G. T.
Institut stipendie (DTU) Samf.
01/09/2012 → 15/12/2015
Project: PhD

Release of nanoparticles from consumer products
Samfinansieret - Andet
01/10/2013 → 01/12/2016
Project: PhD

Ecotoxicity and groundwater remediation potential of engineered nanoparticles
Samfinansieret - Andet
15/11/2013 → 08/02/2017
Project: PhD

Qualitative and Quantitative Methods for Evaluation of Human Exposure to Nanomaterials
Institut stipendie (DTU) Samf.
01/06/2012 → 17/11/2016
Project: PhD

Waste material recycling: Assessment of contaminants limiting recycling
1/3 DTU-stip, 2/3 FUR/andet
15/08/2012 → 01/09/2016
Project: PhD

NanoDen: NanoDen: Nanomaterial - Occurrence and effects in the Danish Environment
Baun, A., Lützhøft, H. H., Hartmann, N. B. & Hansen, S. F.
01/01/2013 → 01/07/2015
Project: Research

MARINA: Managing Risks of NanoMATERIALs
Baun, A., Hansen, S. F. & Hartmann, N. B.
Ukendt
01/03/2011 → 28/02/2015
Project: Research

Rural-Foreign: Investigation of the potential risk posed to drinking water by man-made nanoparticles. Department of Environment, Rules and Foreign Affairs
Hansen, S. F.
Ukendt
15/09/2009 → 31/12/2009
Project: Research
NanoRiskClass: NanoRiskClass **** - et nyt risikoklassifikations system for nanomaterialer
Baun, A. & Hansen, S. F.
Ukendt
01/01/2010 → 01/07/2010
Project: Research

QSAR-NP: Development of (Quantitative Structure-Activity Relationships models for nanoparticles
Baun, A., Kusk, K. O. & Hansen, S. F.
Ukendt
01/01/2009 → 31/12/2011
Project: Research

Activities:

A comparative analysis of teaching methods for large classes
Claussen, L. P. W. (Guest lecturer), Redante Mendoza (Other), Jason Bazylak (Other), Andersen, M. R. (Guest lecturer), Hansen, S. F. (Guest lecturer)
20 Sep 2018
Activity: Talks and presentations › Conference presentations

DTU Sustain 2017
Hansen, S. F. (Organizer), Mølhave, K. (Organizer)
6 Dec 2017
Activity: Attending an event › Participating in or organising a conference

A Critical and in-depth analysis of the environmental aspect of the OECD SP dossiers
Hansen, S. F. (Speaker), Baun, A. (Other), Hjorth, R. (Other), Skjolding, L. M. (Other)
1 Jun 2017
Activity: Talks and presentations › Conference presentations

2017 GEMS Spring Meeting
Hansen, S. F. (Participant)
2 May 2017
Activity: Attending an event › Participating in or organising a conference

Nanoworld Conference
Hansen, S. F. (Chairman)
4 Apr 2017
Activity: Attending an event › Participating in or organising a conference

Nanoworld Conference
Hansen, S. F. (Speaker)
4 Apr 2017
Activity: Talks and presentations › Conference presentations

Member of Panel on Work Environment at DTU Environment (External organisation)
Hansen, S. F. (Participant)
1 Apr 2017
Activity: Membership › Membership of commitees, commissions, boards, councils, associations, organisations, or similar

SRA Policy Forum: Risk Governance for Key Enabling Technologies
Hansen, S. F. (Organizer)
2 Mar 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Uvilidige Ekspertpanel Deponering af radioaktivt affald i DK (External organisation)
Hansen, S. F. (Chairman)
2017 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

DTU Sustain 2016
Hansen, S. F. (Organizer), Mølhave, K. (Organizer)
30 Nov 2016
Activity: Attending an event › Participating in or organising a conference

Chemical Processes and Materials (Journal)
Hansen, S. F. (Reviewer)
2016 → …
Activity: Research › Journal editor

Continuing education coordinator at DTU Environment
Hansen, S. F. (Lecturer)
2016 → …
Activity: Other

NanolImpact (Journal)
Hansen, S. F. (Reviewer)
2016 → …
Activity: Research › Journal editor

Pedagogical teaching coordinator at DTU Environment
Hansen, S. F. (Other)
2016 → …
Activity: Other

Steering group member of the project “Plastfri Roskilde Fjord” (Event)
Hansen, S. F. (Chairman)
2016 → 2018
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

DTU Sustain 2015
Hansen, S. F. (Organizer)
17 Dec 2015
Activity: Attending an event › Participating in or organising a conference

International Congress on Education, Innovation and Learning Technologies
Hansen, S. F. (Participant)
21 Sep 2015 → 23 Sep 2015
Activity: Attending an event › Participating in or organising a conference

International Congress on Education, Innovation and Learning Technologies
Hansen, S. F. (Speaker)
21 Sep 2015 → 23 Sep 2015
Activity: Talks and presentations › Conference presentations

Health Risks, Precaution and Innovation
Hansen, S. F. (Speaker)
24 Jun 2015
Activity: Talks and presentations › Conference presentations
Member of the Environmental, health and safety network at the Technical University of Denmark (Event)
Hansen, S. F. (Chairman)
2015 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Examiner, Environmental Regulation and History, International Master of Science in Environmental Risk, Roskilde University
Hansen, S. F. (External examiner)
2014 → …
Activity: Examinations and supervision › External examination

Steering group member of the Joint Nanotechnology Project CIEL, ECOS and Öko Institut (External organisation)
Hansen, S. F. (Chairman)
2014 → 2016
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Environmental Health 2013
Hansen, S. F. (Chairman)
6 Mar 2013
Activity: Attending an event › Participating in or organising a conference

Environmental Health 2013
Hansen, S. F. (Organizer)
3 Mar 2013 → 6 Mar 2013
Activity: Attending an event › Participating in or organising a conference

Research Council Norway (External organisation)
Hansen, S. F. (Chairman)
2013 → 2014
Activity: Membership › Membership in review committee

Nanotechnology and human health
Hansen, S. F. (Invited speaker)
10 Dec 2012
Activity: Talks and presentations › Conference presentations

Temamøde: Virker EU's regulering af nanomaterialer i arbejdsmiljøet?
Hansen, S. F. (Invited speaker)
28 Nov 2012
Activity: Talks and presentations › Conference presentations

Nanosafe 2012
Hansen, S. F. (Speaker)
14 Nov 2012
Activity: Talks and presentations › Conference presentations

Training on Human Health and Environmental aspects of Nanomaterials
Hansen, S. F. (Organizer)
5 Nov 2012 → 7 Nov 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

SRA Europe 2012
Hansen, S. F. (Organizer)
18 Jun 2012 → 20 Jun 2012
Activity: Attending an event › Participating in or organising a conference
SRA-Europe 21st Annual Conference
Hansen, S. F. (Chairman)
18 Jun 2012
Activity: Attending an event › Participating in or organising a conference

Prizes:

**Chemicals in the Environment - Best course of the year 2012/2013 chosen by the students**
Steffen Foss Hansen (Recipient), 2013
Prize: Prizes, scholarships, distinctions

**Environmental Management and Ethics - Best course of the year 2004/2005 chosen by the students**
Steffen Foss Hansen (Recipient), 2005
Prize: Prizes, scholarships, distinctions

**The Director Gorm-Petersen memorial grant to young scientist in promising development**
Steffen Foss Hansen (Recipient), 2009
Prize: Prizes, scholarships, distinctions

Press clippings:

**OECD nanomaterials programme 'of little value' for risk assessment**
Steffen Foss Hansen
02/03/2017
1 media contribution
Press/Media: Press / Media

**Five Questions for Steffen Foss Hansen**
Steffen Foss Hansen
23/02/2017
1 media contribution
Press/Media: Press / Media

**OECD conclusions about nanomaterials and test guidelines disputed**
Steffen Foss Hansen
05/01/2017
1 media contribution
Press/Media: Press / Media

**Hård kritik af Total og kommune**
Steffen Foss Hansen
01/12/2016
1 item of media coverage
Press/Media: Press / Media

**Netbutikker har markant flere antibakterielle sølvprodukter på hylderne**
Steffen Foss Hansen
13/10/2016
1 media contribution
Press/Media: Press / Media

**Ph.d.-forsvar om at vurdere risikoen for udsættelse for nanomateriale i arbejdsmiljøet ved hjælp af control-bandning værktyger**
Steffen Foss Hansen
27/09/2016
Commission seeks input to third nanomaterials regulatory review
Steffen Foss Hansen
23/06/2016
1 media contribution
Press/Media: Press / Media

Debat: Nej, skifergas er da alt andet end forsvarligt
Steffen Foss Hansen
23/02/2016
1 item of media coverage
Press/Media: Press / Media

Naturstyrelsen kortlægger erfaringer 36 farer ved skifergas i Danmark
Steffen Foss Hansen
19/02/2016
1 media contribution
Press/Media: Press / Media

Forskere står med mange ubesvarede skifergasspørgsmål: Der er stadig mange ubesvarede spørgsmål om skifergasboringernes konsekvenser for miljøet og grundvandet.
Steffen Foss Hansen
10/02/2016
1 media contribution
Press/Media: Press / Media

36 risici ved at bore efter skifergas
Steffen Foss Hansen
03/02/2016
1 item of media coverage
Press/Media: Press / Media

Rapport: Sådan gør vi skifergas miljøvenlig
Steffen Foss Hansen
02/02/2016
1 media contribution
Press/Media: Press / Media

Sådan gør vi skifergas miljøvenlig: Der er en række miljømæssige risici ved at bore efter skifergas, men en ny rapport fra Naturstyrelsen bringer mulige løsninger for dagen
Steffen Foss Hansen
02/02/2016
1 media contribution
Press/Media: Press / Media

Nanoteknologien buldrer frem på arbejdspladserne
Steffen Foss Hansen
11/11/2015
1 media contribution
Press/Media: Press / Media

Nanoteknologien buldrer frem på arbejdspladserne
Steffen Foss Hansen
02/11/2015
1 media contribution
Press/Media: Press / Media
Kulstofnanorør kan blive vor tidss asbest
Steffen Foss Hansen
21/09/2015
1 media contribution
Press/Media: Press / Media

Første maling i Danmark med kulstofnanorør vækker bekymring
Steffen Foss Hansen
21/09/2015
1 media contribution
Press/Media: Press / Media

Kulstofnanorør kan angribe lungerne
Steffen Foss Hansen
21/09/2015
1 media contribution
Press/Media: Press / Media

Experts call for focus on hazards of emerging technologies
Steffen Foss Hansen
21/08/2014
1 media contribution
Press/Media: Press / Media

Experts call for focus on hazards of emerging technologies
Steffen Foss Hansen
21/08/2014
1 media contribution
Press/Media: Press / Media

Nu skal nanoprodukter registreres
Steffen Foss Hansen
17/06/2014
1 media contribution
Press/Media: Press / Media

Regeringen vil bruge 24 millioner på et nano-register
Steffen Foss Hansen
12/11/2013
1 media contribution
Press/Media: Press / Media

Lessons nanotechnology can learn from past mistakes
Steffen Foss Hansen
16/09/2013
1 media contribution
Press/Media: Press / Media

The tiniest particles that may be a threat as bad as asbestos
Steffen Foss Hansen
27/01/2013
1 media contribution
Press/Media: Press / Media