

Publications Ineke (Neelina Hermina) Malsch

Awards

22-03-2025: Slow Food Utrecht 9th encouragement prize for the cookbookproject “Sustainable food on a budget in Lunetten” of Duurzaam Utrecht 2030: <https://duurzaamutrecht2030.nl/slow-food-utrecht-stimuleringsprijs-voor-duurzaam-utrecht-2030>

21-11-2023: Duurzaam Utrecht 2030 was awarded an U Award of [Utrecht 4 Global Goals](#).

11-11-2022: the initiative Sustainable Utrecht 2030 (Duurzaam Utrecht 2030 – leef duurzaam, ook met een smalle beurs), was awarded the third prize of the Mantel van Sint Maarten 2022: <https://www.mantelvansintmaarten.nl/> I am the coordinator.

11-6-2019: I won a shared 1st prize (best content) in the Living Innovation video-pitch contest, selling Responsible Innovation to Industry Leaders. Info: www.living-innovation.net

Refereed journal articles

My ORCID-number is 0000-0002-2128-0609. The following list is limited to publications where I am the lead author or contributed substantially.

Ortiz-Galvez LM, Malsch I, Resch S, Falk A, Briffa SM, Salcines C, Exner T, Kelly S, Marcoulaki E, Soeteman-Hernandez LG and Himly M (2026) Capacity-building for a Pan-European training partnership for safe and sustainable-by-design nano- and advanced materials: stakeholder-informed perspectives and future directions. *Front. Nanotechnol.* 8:1913843. doi: 10.3389/fnano.2026.1913843

MALSCH I, Willighagen E, Sánchez Burmester CF and Mody C. Ethical Impact Assessment of Sharing Nanosafety Data [version 2; peer review: 3 approved]. *Open Res Europe* 2026, 4:237 (<https://doi.org/10.12688/openreseurope.18345.2>)

MALSCH I, Isigonis P, Bouman E et al. Testing ethical impact assessment for nano risk governance [version 3; peer review: 3 approved, 1 approved with reservations]. *Open Res Europe* 2024, 3:170 (<https://doi.org/10.12688/openreseurope.16194.3>)

Malsch, I. Breng narratieve ethiek naar de burger. *Filosofie & Praktijk*. Mei 2021. <http://www.filosofieenpraktijk.nl/> (narrative ethics for citizens) <https://www.aup-online.com/content/journals/10.5117/FEP2021.1.003.MALS>

Malsch, I., Isigonis, P., Dusinska, M., Bouman 2002901, E. A., Embedding Ethical Impact Assessment in Nanosafety Decision Support. *Small* 2020, 2002901. <https://doi.org/10.1002/sml.202002901>

Ineke Malsch, Martin Mullins, Elena Semenzin, Alex Zabeo, Danail Hristozov, Antonio Marcomini. Decision support for international agreements regulating nanotechnology. *Nanoethics* (2018) 12: 39. <https://doi.org/10.1007/s11569-018-0312-2>. <http://rdcu.be/HW7G>

Ineke Malsch, Vrishali Subramanian, Elena Semenzin, Alex Zabeo, Danail Hristozov, Martin Mullins, Finbarr Murphy, Igor Linkov, Antonio Marcomini. Comparing mental models of prospective users of the sustainable nanotechnology decision support system. In *Environment, Systems and Decisions*, (online first, June 2017). December 2017, Volume 37, Issue 4, pp 465–483: <https://link.springer.com/article/10.1007/s10669-017-9648-3>

Ineke Malsch, Dorota Rutkowska-Zbik, Martin Himly, Costas Kiparissides, Olga Kammona, Bartlomiej Szafran, Iseult Lynch, Frederick Ntow, Paula Queipo Rodriguez, Moshe Talesnik, David Rosenberg, Albert Duschl. Current Trends in Nanoeducation for Industry and Society. In Current BioNanotechnology 2016, vol 2: <http://www.eurekaselect.com/node/142765/article/current-trends-in-nanoeducation-for-industry-and-society>

Ineke Malsch, Communitarian and Subsidiarity Perspectives on Responsible Innovation at a Global Level, in NanoEthics Vol 9, Issue 2, pp 137-150, 7 August 2015, <http://link.springer.com/article/10.1007/s11569-015-0234-1>

Ineke Malsch, Vrishali Subramanian, Elena Semenzin, Danail Hristozov, Antonio Marcomini, Martin Mullins, Karena Hester, Eamonn McAlea, Finbarr Murphy, Syed A. M. Tofail. Empowering Citizens in International Governance of Nanotechnologies. In: Journal of Nanoparticle Research, May 2015, 17:215 (12 May 2015) <http://link.springer.com/article/10.1007/s11051-015-3019-0>

Ineke MALSCH, Vrishali SUBRAMANIAN, Elena SEMENZIN, Danail HRISTOZOV and Antonio MARCOMINI, Supporting Decision Making for Sustainable Nanotechnology, in Environment, Systems and Decisions, online first, 17-02-2015, March 2015, Volume 35, Issue 1, pp 54-75 <http://link.springer.com/article/10.1007/s10669-015-9539-4>

Ineke Malsch: Nano-Education in Europe: nano-training for non-R&D jobs, in Nanotechnology Reviews, Vol3, Issue 2, April 2014: <http://www.degruyter.com/view/j/ntrev.2014.3.issue-2/ntrev-2013-0039/ntrev-2013-0039.xml?format=INT>

Ineke Malsch, Responsible Innovation in Practice: Concepts and Tools in Philosophia Reformata 78 (2013) I, 47-63, http://www.philosophia-reformata.org/content/current_issue

Ineke Malsch, Governing Nanotechnology in a Multi-Stakeholder World, in Nanoethics online first (accepted 1 December 2012) in Nanoethics August 2013 Vol 7, Iss 2, pp 161-172 DOI: 10.1007/s11569-012-0163-1, <http://link.springer.com/article/10.1007%2Fs11569-012-0163-1>

Ineke Malsch, The Just War Theory and the Ethical Governance of Research, in Journal of Science and Engineering Ethics, online first (accepted 13 February 2012). <http://www.springerlink.com/content/d85w001pj6727512/> / in Science and Engineering Ethics, Volume 19, issue 2 (2013) pp 461-486 <http://link.springer.com/article/10.1007%2Fs11948-012-9357-8> DOI: 10.1007/s11948-012-9357-8

Danail Hristozov and Ineke Malsch, Review: Hazards and Risks of Engineered Nanoparticles for the Environment and Human Health, in Sustainability 2009, 1(4), 1161-1194; doi:10.3390/su1041161, (This article belongs to the special issue Advanced Forum for Sustainable Development) <http://www.mdpi.com/2071-1050/1/4/1161>

Ineke Malsch, Which research in converging technologies should taxpayers fund? Exploring societal aspects in Technology Analysis & Strategic Management, Volume 20 Issue 1, 137, January 2008. doi:10.1080/09537320701726833 (<http://dx.doi.org/10.1080/09537320701726833>)

Ineke Malsch, Nanotechnology in Europe: Scientific Trends and Organisational Dynamics, in: Nanotechnology 10 (1999) 1-7, IOP publishers, London

Books

Ineke Malsch, de vooruitkijkspiegel. Volume of techno-ethical future scenarios. Boekscout, 11 September 2020

Ineke Malsch, "Future Technologies We Want", Wolf Legal Publishers, Oisterwijk, April 2018

Ineke Malsch & Claude Emond (eds.), "Nanotechnology and Human Health", CRC Press, Boca Raton, USA <http://www.crcpress.com/> (13 august 2013)

4-10-2011: Ineke Malsch, Ethics and Nanotechnology; Responsible development of nanotechnology at global level in the 21st century, PhD thesis, Radboud University Nijmegen <http://repository.ubn.ru.nl/handle/2066/91234>. Re-published by LAP Publishing, November 2012: https://www.lap-publishing.com/catalog/search?search_query=malsch

Arie Rip, Jean-Pierre Wils, Alfred Nordmann, Maria Angeles Quesada, Ineke Malsch (eds) (2009) Ethics of Nanotechnology and Converging Technologies, e-learning DVD, EthicSchool project

N.H. Malsch (ed) Biomedical Nanotechnology, Boca Raton: CRC Press 2005

Rinie van Est, Ineke Malsch, Arie Rip, "Om het kleine te waarderen... Een schets van nanotechnologie: publiek debat, toepassingsgebieden en maatschappelijke aandachtspunten. Rathenau Instituut, Den Haag, 2004 www.rathenau.nl

Book chapters and non-peer reviewed scientific articles

Ineke Malsch, Panagiotis Isigonis, Evert Bouman, Antreas Afantitis, Georgia Melagraki, Dalila, Antunes, Maria Dusinska (2024) Exploring Ethical Impacts of Nanomaterials for Wastewater Remediation. In: Suriyanarayanan, S., Shivaraju, H.P., Jenkins, D. (eds) Water Management in Developing Countries and Sustainable Development . Water Resources Development and Management. Springer, Singapore. https://doi.org/10.1007/978-981-99-8639-2_14

Ineke Malsch (2023) Ethics and Nanomedicine. Book chapter in Jorddy N. Cruz. Nanobiomaterials: Perspectives for Medical Applications in the Diagnosis and Treatment of Diseases. Series "Materials Research Foundations" Materials Research Forum LLC. <https://www.mrforum.com/product/9781644902370-12/>

Andreas Falk, Pogany, Alexander, Aungkavattana, Pavadee, Bañares, Miguel A., Beitollahi, Ali, Bim, Vinicius, Briffa, Sophie, Bochon, Anthony, Cassee, Flemming, Doridot, Fernand, Exner, Thomas, Farias, Patricia M.A., Favre, Georges, Franzese, Giancarlo, Friedrichs, Steffi, Hristozov, Danail, Hunt, Neil, Indaraprasirt, Ramjitti, Karim, Md. E., ... Wilkens, Terence A. (2022). INISS-Nano: revised concept and action plan (International Network Initiative on Safe and Sustainable Nanotechnologies) (Version_02). Zenodo. <https://doi.org/10.5281/zenodo.6818049>

Falk A., Pogany A., Favre G., Beitollahi A., Bañares M.A., Friedrichs S., Hristozov D., Indaraprasirt R., Aungkavattana P., Thongkam W., Farias P.M.A., Hunt N., Adholeya A., Khandelwal N., Marjovi A., Malsch I., Franzese G., Karim M.E., Doridot F., Tsuruoka S., Bochon A., Wilkins T.A., 2021, "Concept paper International Network Initiative on Safe & Sustainable Nanotechnology" INISS-nano; DOI: 10.5281/zenodo.5004929.

Ineke Malsch & Maria Espona. Responsible Governance of Biosecurity in Armenia. In Edward Perkins, Marie Valentine Florin and Benjamin D. Trump (eds) Security and Resilience Addressing Emerging Synthetic Biology and Biotechnology Threats. Springer, 2021. <https://library.oapen.org/bitstream/handle/20.500.12657/50742/1/978-94-024-2086-9.pdf>

Ineke Malsch and Frank Kupper. Evolving perspectives on nanoeducation and capacity development. Book chapter in Klaus Sattler (ed.) Public Policy, Education, and Global Trends (Volume Ten) Sattler, K. D. (20201113). 21st Century Nanoscience – A Handbook. [[VitalSource Bookshelf version]]. Retrieved from vbk://9781000705386 Taylor & Francis, 2020

Ineke Malsch, Dorota Rutkowska-Zbik, Albert Duschl, Martin Himly, Thomas Zadrozny, Costas Kiparissides, Olga Kammona, Moshe Talesnik, Yoel Rothschild, David Rosenberg, Bartłomiej Szafran, Paula Queipo Rodriguez, Iseult Lynch (2016) NanoEducation for Industry and Society. In Springer Series on Innovation, Technology and Knowledge Management. Volume Managing Risks in Nanotechnology. Springer International Publishing Switzerland, 2016 <http://www.springer.com/gp/book/9783319323909>

Malsch, I. Nanotechnology may help solve conflicts over mining. J. Nano Sc. Tech, 4(2016)53-58 <http://www.journalnano.org/?p=998>

Arnold, M., Lima-Toivanen, M., Lindorfer, M., Malsch, I., Alarcón, M. Nanotechnologies for water sustainability. J. Nano Sc. Tech, 4(2016)18-27 <http://www.journalnano.org/?p=849>

Ineke Malsch, Martina Lindorfer, Isabella Wagner, Maria Lima Toivanen (2016) International Cooperation on Nanosafety Between Europe and Latin America. In Springer Series on Innovation, Technology and Knowledge Management. Volume Managing Risks in Nanotechnology. Springer International Publishing Switzerland, 2016 <http://www.springer.com/gp/book/9783319323909>

Ineke MALSCH, Vrishali SUBRAMANIAN, Elena SEMENZIN, Danail HRISTOZOV and Antonio MARCOMINI “Collective decision making on risk management and sustainable manufacturing of nanomaterials and the role of decision support tools”. In Proceedings 5th STS Italia Conference A Matter of Design: Making Society through Science and Technology Milan, 12–14 June 2014, <http://www.stsitalia.org/?p=1548&lang=en>

Ineke Malsch: “Responsible Innovation in Practice”, in Proceedings 2nd World Sustainability Forum 1-30 November 2012, <http://www.sciforum.net/conf/wsf2/proceedings>

December 2011: Ineke Malsch, “De maakbare mens en de biotechnologische revolutie,” in CD Verkenningen, Winter 2011, Wetenschappelijk Instituut van het CDA, Den Haag, <http://www.cda.nl/wi/CDV.aspx>

Ineke Malsch, Nanotechnology, in MEMORIAS DE LA CÁTEDRA JOSÉ CELESTINO MUTIS “NANOTECNOLOGÍA: EL TAMAÑO SÍ IMPORTA” Universidad Nacional de Colombia, Bogota (pending publication)

Ineke Malsch, Le nanotecnologie e il potenziamento umano (Nanotechnology and Human Enhancement), in Joseph Tham L.C. & Massimo Losito (eds) Bioetica al Futuro: Tecnicizzare ‘l'uomo o umanizzare la tecnica? (Bioethics in the future; mechanized humans or humanize technology?) The STOQ project research series, July 2010, UPRA, Rome: http://www.uprait.org/index.php?option=com_content&view=article&id=823%3Abioetica-al-futuro-indice-e-introduzione&catid=368%3Alosito&Itemid=366&lang=en

Ineke Malsch, Nano-education from a European perspective, Proceedings of the IVC-17/ICSS-13 and ICN+T2007 Congress, 2007, Journal of Physics: Conference Series

Ineke Malsch, Social and Economic Contexts: Making Choices in the development of biomedical nanotechnology, book chapter in N.H. Malsch (ed) Biomedical Nanotechnology, Boca Raton: CRC Press 2005

Transatlantic investments and human capital formation: the case of biotech firms, Oliver Wolf, Jens Hemmelskamp, Ineke Malsch, Per Soerup, in: The IPTS report, 33, April 1999. IPTS, Sevilla: <http://www.jrc.es>

Ineke Malsch, Biotechnologie of biologische wapens: koopman en dominee een zorg, in Filosofie Magazine December 1999.

IPTS and its MST and Nanotechnology activities: Malsch, Hernández, González, Moncada Paternó, in MST news 22/97

The importance of Interdisciplinary Approaches: the Case of Nanotechnology: Ineke Malsch, in IPTS report 13, April 1997, republished in an adapted version in "Technologies Internationales" <http://www.jrc.es>