

NANO310 Nanoethics – Syllabus Autumn 2019

Roger Strand (2011) "Nano-Ethics", "in L.J. Frewer, W. Norde, A.R. Fischer and F. Kampers (eds): Nanotechnology in the Agri-Food Sector: Implications for the Future. Wiley, London. pp. 271-281.

http://www.andreasaltelli.eu/file/repository/Roger_nanoethics_chapter_1.pdf

Research Council of Norway: A Framework for Responsible Innovation

In Norwegian:

<https://www.forskningsradet.no/contentassets/1975cf4657c24ffea33d274adfff0319/rri-rammeverk.pdf>

In English (link to pdf-file in My UiB): [NFR Framework RRI.pdf](#)

Andrew Chen, 2002, The Ethics of Nanotechnology, Markkula Center for Applied Ethics, May 3, 2002

<https://www.scu.edu/ethics/focus-areas/technology-ethics/resources/the-ethics-of-nanotechnology/>

EEA 2013 Late lessons II Chapter 22 - Nanotechnology - early lessons from early warnings

<https://www.eea.europa.eu/publications/late-lessons-2/late-lessons-chapters/late-lessons-ii-chapter-22/view>

see also

Steffen Foss Hansen, Andrew Maynard, Anders Baun and Joel A. Tickner, 2008, Late lessons from early warnings for nanotechnology, Nature Nanotechnology, Vol. 3, 444-447.

http://www.andreasaltelli.eu/file/repository/Hansen_et_al_Late_lessons_from_early_warnings_for_nanotechnology.pdf

Jaco Westra (editor), 2014, Assessing health and environmental risks of nanoparticles. An overview, RIVM Rapport 2014-0157.

https://www.rivm.nl/sites/default/files/2018-11/007767_nanoparticles_eng-tg.pdf

Excerpts from Rene von Schomberg (2011) "Introduction: Towards Responsible Research and Innovation in the Information and Communication Technologies and Security Technologies Fields"

<https://publications.europa.eu/en/publication-detail/-/publication/60153e8a-0fe9-4911-a7f4-1b530967ef10>

Jerry Ravetz and Roy Edgley, 1984, Ideological Commitments in the Philosophy of Science, With a Comment on Ravetz by Edgley, Radical Philosophy 037 (Summer 1984) / Article,

http://www.andreasaltelli.eu/file/repository/Ideological_commitment.pdf

R. Feynman, Cargo Cult Science, Commencement Speech at Caltech 1974.

<http://calteches.library.caltech.edu/3043/1/CargoCult.pdf>

(also available in the book Surely You're Joking, Mr. Feynman!)

European Commission, 2009, Commission recommendation on A code of conduct for responsible nanosciences and nanotechnologies research & Council conclusions on Responsible nanosciences and nanotechnologies research, ISBN 978-92-79-11605-6, Luxembourg.

http://ec.europa.eu/research/science-society/document_library/pdf_06/nanocode-apr09_en.pdf

Excerpts from Ravetz, J., 1971, Scientific Knowledge and its Social Problems, Oxford University Press.

<http://www.andreasaltelli.eu/file/repository/Bits.pdf>

Marc A. Edwards and Siddhartha Roy, Academic Research in the 21st Century: Maintaining Scientific Integrity in a Climate of Perverse Incentives and Hyper-competition, ENVIRONMENTAL ENGINEERING SCIENCE, 34(1), 2017

<https://www.liebertpub.com/doi/10.1089/ees.2016.0223>

C. Marris, "Final Report of the PABE research project funded by the Commission of European Communities," 2001.

http://www.andreasaltelli.eu/file/repository/PABE_FAIR_CT98_3844_DG12_SSMI_eu_studie_akzeptanz_biotech_011201.pdf