



Universität
Basel

Research Project

Nanowissenschaften - Konzeption und umweltpolitische Etablierung von Technologierisiken im internationalen Vergleich

Third-party funded project

Project title Nanowissenschaften - Konzeption und umweltpolitische Etablierung von Technologierisiken im internationalen Vergleich

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Organisation / Research unit

Departement Gesellschaftswissenschaften / Wissenschaftsforschung (Maasen)

Department

Project Website <http://wifo.unibas.ch/>

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Status Completed

Nanosciences and nanotechnologies (NST) are currently considered as leading innovation fields, generating comprehensive expectations regarding its developmental potential. Globally, annual investment in research and development within this field exceed the billion-dollar mark and most industrial nations established national NST related research and development initiatives and programs. Apart from the scientific and economic euphoria, various social actors have started to debate on potential impacts and toxicological studies reported adverse health effects of nanoscale materials. This has lead to regulatory discussions in various countries and on the international level. This comparative project analyzes NST related risk concepts in the regulatory discourse and focuses on the ways they influence national and international legislation. Drawing on examples out of chemicals and agricultural biotechnology regulation, it aims at showing in what way, transatlantic differences in the legislation of those fields will influence the emerging regulation of NST.

Keywords Risk, Toxic Chemicals, Biotechnology, Comparison, Environmental regulation, Nanosciences, Umweltpolitik, Risiko, Nanotechnologies, Gentechnik, Nanowissenschaften

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Add publication

Published results

717517, Nanotechnology Governance: Accountability and Democracy in New Modes of Regulation and Deliberation, Science, Technology and Innovation Studies, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

717521, Kaiser, Mario; Kurath, Monika; Maasen, Sabine; Rehmann-Sutter, Christoph, Assessment Regimes of Technology: Regulation, Deliberation & Identity Politics of Nanotechnology, Publication: Edited Book (Herausgeber eines eigenständigen Buches)

717522, Kurath, Monika; Gisler, Priska, Informing, Involving or Engaging? Science Communication, in the Ages of Atom-, Bio- and Nanotechnology, Public Understanding of Science, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

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