

# Making Social and Natural Sciences Meet

Implications for the introduction of nanotechnology into society

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## Background

- Societal introduction of new technologies is a place where **social** and **natural sciences** meet
- Little is known about determinants of societal acceptance, or natural-social science collaboration
- Available knowledge is scattered

## Goal of this project

- To help steer the introduction of nanotechnology by systematically reviewing lessons from previous technology introductions

## Method

- Three systematic reviews of scientific papers in English from Web of Science
- The search strategies are summarized in box 1

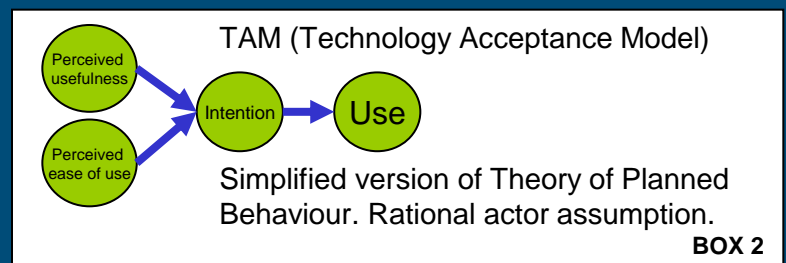
1. Actor AND Object AND (Action OR Dependent) AND Demarcation AND Societal relevance
2. (any) Natural science AND (any) Social Science AND (an) indicator of Multi disciplinarity AND Societal relevance
3. Nanotechnology OR Nanoparticle AND society AND (any) Acceptance

BOX 1

## Results

### 1. Technology acceptance

- 126 papers (fig 1)
- Most frequent model TAM (box 2)

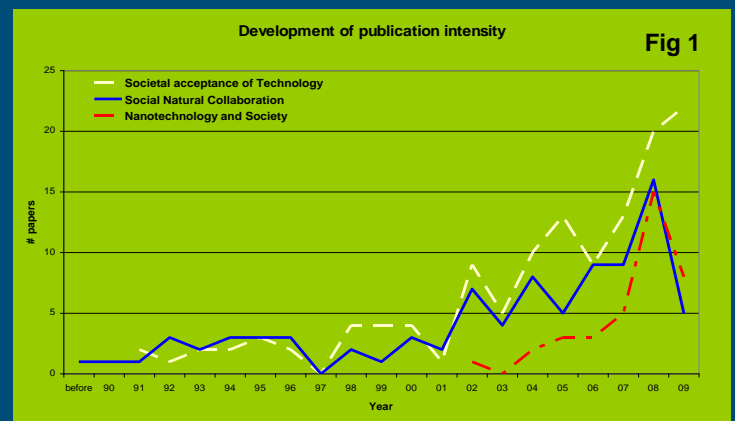


### 2. Natural-social collaboration

- 88 papers in 80 journals indicates publication barrier
- Main topics – Researcher attitude and collaboration process

### 3. Nano and Society

- Increased coverage from 2002 (fig 1)



Integrating the findings will show gaps and future directions for nanotechnology and society research



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