

# The development of National Geo Data Infrastructures: a cultural-organizational-approach

Henk Koerten, OTB TUDelft  
h.koerten@tudelft.nl

November 21, 2007

OTB Research Institute for Housing, Urban and Mobility Studies



## Research focus:

To explain the influence of the sectoral culture on the organizational developments in the geoinformationsector towards an NGII in the Netherlands.

### Research questions

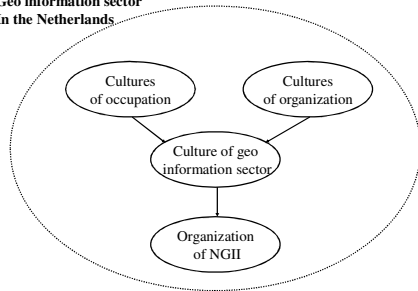
- How did professional- and organisational cultures in the geoinformationsector develop over time?
- How did these cultures influence the geoinformation-sectorculture?
- What is the influence of this sectorculture on the organizational aspects of NGII development?

January 16, 2008



## Research model

Geo information sector  
In the Netherlands



January 16, 2008



## Culture is :

- constantly developing
- a framework of reference to give meaning to events and actions
- a layered concept
- a concept of multiple identification

(Veenswijk 1996)

### Theoretical choices:

- Constructivist approach (Berger & Luckmann 1967)
- Sensemaking (Weick 1979)
- Culture as a root metaphor (Smircich 1983)

January 16, 2008



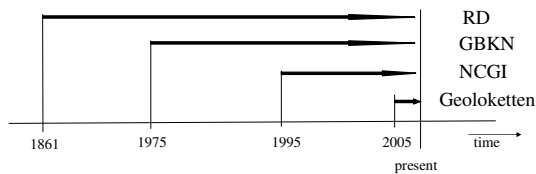
## Qualitative approach:

- Data driven
- Searching for narratives
- The research object is in control

## Data collection:

- Document analysis
- Records analysis
- Interviews
- Observation

### Four cases:



January 16, 2008



## Questions/discussion

h.koerten@tudelft.nl

January 16, 2008

