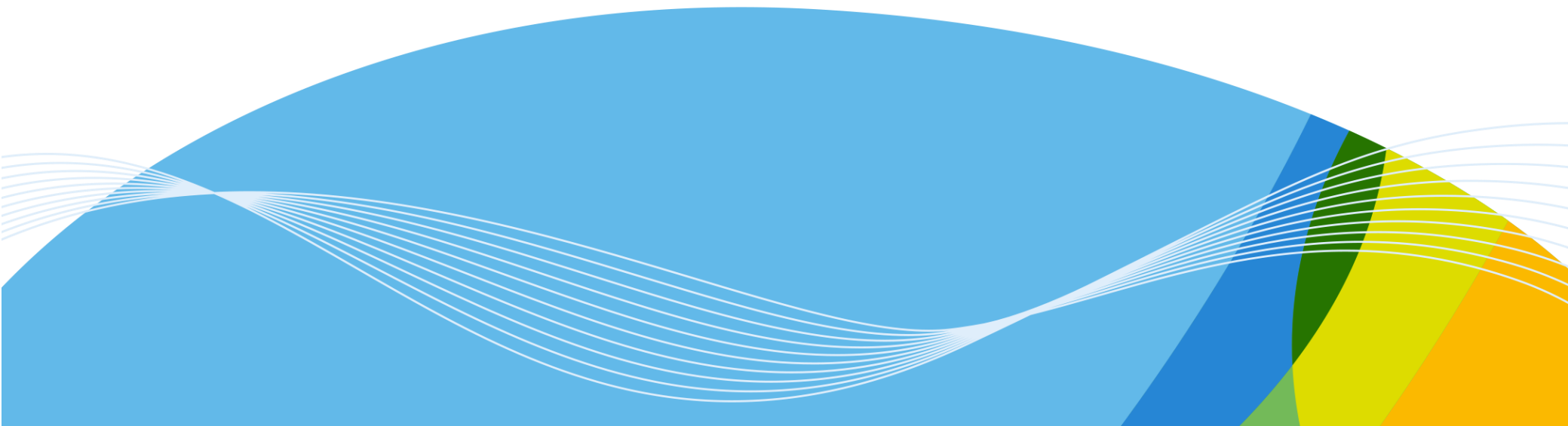




Task 6.1 – Review and enhancement of the institutional framework for natural hazard management

**Wrap-up of year 3 (2017)
Prospects for year 4 (2018)**

Adriaan Perrels (FMI)



Task 6.1 objectives

- *comparative and comprehensive overview of how natural hazards are managed*
- *... as a basis for an adequate assessment of needs and options for improvement*
- **Trend:** *from top-down to **networked** forms of hazard management – resilience as ‘magic’ keyword*
 - *responsibilities, mandates, regulatory coherence*
 - *incentives, resources*
 - *monitoring quality*
 - *information access, transparency, sharing, quality*
 - *role of information in eventual decision making*

Task 6.1 4 areas of action

1. promotion of social learning
2. effective incentive structures regarding prevention
3. adequate, timely and equitable access to relevant information, and
4. facilitation of local/regional/multi-lateral (bottom-up) organisations

Steps made & foreseen:

1. Review of the current management regimes
 - Interviews & desk research; 2015
2. Assessment of the strengths and weaknesses found in step 1 (2016)
 - Workshop, Interviews, desk research; 2015/2016
 - Task 6.1 report (Overview of institutional arrangements and practices in the Nordic countries)
3. SWOT & Identification of options for improvement in each of the 4 areas of action (2017)
 - IJDRR special issue as synthesis vehicle
 - Course in evaluation & monitoring (so far appeared hard to realize)
4. Joint workshop with Task 6.2 (and WP4) (2018)
 - November (instead of end of June)

Actions in 2017

1. Special Issue in the International Journal of Disaster Reduction Research

- Articles appeared online October 2017 – January 2018
- Invitation, selection, guidance, peer review process
- Article writing; introduction / synthesis article
- Battling with EVISE & Elsevier 'support' (☺)

2. Contributions to conferences and other meetings

3. Publication fee for peer reviewed paper



Expected contents of special issue IJDRR

1. Kristian Lauta & Adriaan Perrels – *Introduction and synthesis*
2. Lisa Van Well et al - *Resilience to natural hazards: an analysis of territorial governance in the Nordic countries*
3. Christer Pursiainen - *Critical infrastructure resilience: A Nordic model in the making?*
4. Merja Rapeli et al - *Local Social Services in Disaster Management: Is there a Nordic Model?*
5. Thordardottir - *Psychosocial Support After Natural Disasters in Iceland- Implementation and Utilization*
6. Lex Lin - *Integrating a national risk assessment into a disaster risk management system: process and practice*
7. Atte Harjanne et al - *Adaptation by the least vulnerable - Managing disaster and climate risks in Finland, a Nordic welfare state*
8. Kristian Lauta et al - *The Arctic Edge: Governing Cold Disasters*
9. Hans-J Henriksen et al - *Classic versus participatory early warning and monitoring systems for disasters in a Nordic context*

Framework

Linking

Topical

Some key messages from the special issue


- the main common denominators for good DRM performance across Nordic countries are **trust and transparency**
- **credible welfare institutions** (typical for Nordic countries) contribute very significantly to maintaining (solidifying) societal resilience
- consequences of a shift to private sector based critical infrastructure has still not been adequately absorbed
- uneven relation between DRR legislation and legislation on social services
- adaptability vs. unclear division of responsibilities
- no clear (widely shared) views yet on rising issues, such as climate change, larger migration,

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IJDRR's lack of capability to avoid disasters?

WP61-WP62 workshop

- **Theme:** The interaction between welfare systems and resilience management regarding natural hazards

Topics (preliminary)

- towards better cross-referencing in legislation and plans
- commonalities and synergies in volunteer work in the social sector and the DRR sector (basis for further learning & cooperation?)
- how important and transferable is the information sharing adage of the Critical Infrastructure domain for welfare system in relation to DRR?
- can we generate quantitative evidence of benefits of the welfare sector for DRR and vice versa?

WP61-WP62 workshop

- **Time & place**
 - November 2018 (instead of summer)
 - Helsinki (FMI)
- **Programming:**
 - decisions on definitive programme and invited speakers to be made soon
 - excellent opportunity for multi-WP interaction



Summer course 2018 (suspended)

- **theme:** (macro)economic evaluation of natural hazards and counter measures
- **rationale:** current evaluation and investment decision making for DRR and CCA is often piecemeal, lacks integration, with little idea of overall effectiveness regarding right balance between prevention, preparedness, crisis management, recovery, etc.
- **target groups:** PhD students, Post-docs, (some) experts
- **ambition:** promote Nordic DRR research cooperation
 - summer course – as first of a sequel
 - as step-up to multi-nodal academic course in model based economic appraisal for DRR and CCA in Nordic countries
- **time:** ???
- **location:** FMI would be available
- ... integration with other initiatives?

Participants in Task 6.1 in 2017

- | | |
|---------------------------|-------------|
| • Emmanuel Pagneux | IMO |
| • Farrokh Nadim | NGI |
| • Hans Jørgen Henriksen | GEUS |
| • Peter van der Keur | GEUS |
| • Ellen Raats | GEUS / RUAS |
| • Kristian C. Lauta | COPE |
| • Lisa Van Well | SGI |
| • Adriaan Perrels | FMI |
| • Atte Harjanne | FMI |
| • Karoliina Pilli-Sihvola | FMI |
| • Athanasios Votsis | FMI |



Let's move on !

