

Policy issue interdependency and the formation of collaborative networks

SND-ID: 2020-168-1. **Version:** 1. **DOI:** <https://doi.org/10.5878/22y8-p614>

Download data

Policy issue interdependency and the formation of collaborative networks.zip (1.8 KB)

readme.txt (1.28 KB)

Associated documentation

SNDDocumentation.docx (13.88 KB)

Download all files

2020-168-1-1.zip (~16.96 KB)

Citation

Hedlund, J. (2020) Policy issue interdependency and the formation of collaborative networks (Version 1) [Data set]. Stockholm University. Available at: <https://doi.org/10.5878/22y8-p614>

Creator/Principal investigator(s)

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Research principal

[Stockholm University](#) - Stockholm Resilience Centre

Description

The study investigates two multilayer networks of policy actors and policy issues. Using data derived from two venues for collaborative water governance in the Norrström basin, Sweden, we investigate whether and how policy issues and policy issue interdependencies influence actors' selection of collaborative partners.

This data set contains multilevel network data consisting of two types of nodes (actors and issues) and ties between them. The anonymized data consist of two social networks (sociomatrices) describing policy actors' collaboration through their exchange of information. One network is for the water council of Mälaren (MVVF) and the other is for the water council of Hjälmaren (HVVF). The social networks are described as A files, and are binary (1 or 0 - either actors have a network tie or not). Every row and column represent an actor in the same order, and the binary data the ties between them. Every A file has a complementary attribute file, with actors' attributes such as them holding a position as chair, civil servant, politician or "other". Every row represents an actor. X files describe links between actors and policy issues, i.e. actors' engagement in policy issues. Every row represents an actor and every column represents a policy issue. The B file describes data on the interdependency between policy issues, i.e. how much efforts to address one policy issue impacts efforts to address another policy issue. Every row and column represents a policy issue, and the binary data the ties between them. The dataset is adapted for the software MPNet and can also be used with other programs e.g. R.

Data contains personal data

No

Language

[English](#)

Time period(s) investigated

2017-05-01 – 2019-03-01

Data format / data structure

[Numeric](#)

[Text](#)

Data collection 1

- Description of the mode of collection: Mode of collection: Self-administered questionnaire
- Time period(s) for data collection: 2017-05-01 – 2019-03-01

Geographic spread

Geographic description: Norrström basin (lake Mälaren & Hjälmarén), Sweden

Responsible department/unit

Stockholm Resilience Centre

Contributor(s)

Örjan Bodin - Stockholm University, Stockholm Resilience Centre

Daniel Nohrstedt - Uppsala University, Department of Governance

Funding 1

- Funding agency: Swedish Research Council for Environment Agricultural Sciences and Spatial Planning FORMAS
- Funding agency's reference number: 2016-01137

Funding 2

- Funding agency: Swedish Research Council
- Funding agency's reference number: 2016-04263

Research area

[Environmental sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Boundaries](#) (INSPIRE topic categories)

[Environment](#) (INSPIRE topic categories)

Keywords

[Area management/restriction/regulation zones and reporting units](#), [Policy issue](#), [Collaborative governance](#), [Networks](#), [Water governance](#)

Publications

Hedlund J., Bodin Ö., Nohrstedt D. (2020) Policy issue interdependency and the formation of

collaborative networks. People and Nature.

: Not published yet

If you have published anything based on these data, [please notify us](#) with a reference to your publication(s). If you are responsible for the catalogue entry, you can update the metadata/data description in DORIS.

Polygon (Lon/Lat)

15.688251622046, 59.930454543316

15.688251622046, 59.017940339952

19.061299448777, 59.017940339952

19.061299448777, 59.930454543316

15.688251622046, 59.930454543316

Accessibility level

Access to data through SND

Data are freely accessible

Use of data

[Things to consider when using data shared through SND](#)

License

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Versions

Version 1. 2020-10-30

Homepage

<https://ekopass.se/>

Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

[JSON-LD](#)

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[File overview \(CSV\)](#)

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