

Physico-chemical parameters measured at a high spatial resolution in the Miellajokka catchment, Sweden

SND-ID: snd1077-1. **Version:** 1.0. **DOI:** <https://doi.org/10.5878/pxa2-vy55>

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Version 2: 2024-01-31

DOI: <https://doi.org/10.5878/rtvm-yc23>

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SND1077-001-V1.0.zip (197.83 KB)

Citation

Rocher-Ros, G., & . (2018) Physico-chemical parameters measured at a high spatial resolution in the Miellajokka catchment, Sweden (Version 1.0) [Data set]. Umeå University. Available at: <https://doi.org/10.5878/pxa2-vy55>

Creator/Principal investigator(s)

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Description

High spatial resolution dataset of CO₂ evasion in a stream network in northern Sweden (52.5 km²; Miellajokka catchment). We measured key hydrological parameters to estimate k₆₀₀, directly determined the pCO₂, and estimated stream CO₂ evasion across 168 sites in the stream network. The publication of this data is currently ongoing. Please contact the main author for further details (g.rocher.ros@umu.se)

Time period(s) investigated

2016-07-11 - 2016-07-20

Data format / data structure

[Numeric](#)

Geographic spread

Geographic location: [Sweden](#), [Kiruna Municipality](#)

Geographic description: A stream network in northern Sweden (52.5 km²; Miellajokka catchment)

Responsible department/unit

Department of Ecology and Environmental Sciences

Research area

[Natural landscapes](#) (CESSDA Topic Classification)

[Earth and related environmental sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Geosciences, multidisciplinary](#) (Standard för svensk indelning av forskningsämnen 2011)

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

[Oceanography, hydrology and water resources](#) (Standard för svensk indelning av forskningsämnen 2011)

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

[Climatology / meteorology / atmosphere](#) (INSPIRE topic categories)

[Environment](#) (INSPIRE topic categories)

Keywords

[Hydrology](#), [Dissolved co2](#)

Polygon (Lon/Lat)

10.986722, 69.0625

10.986722, 55.337112

24.163279, 55.337112

24.163279, 69.0625

10.986722, 69.0625

Accessibility level

Access to data through SND

Data are freely accessible

Use of data

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

Versions

[Version 2](#). 2024-01-31

Version 1.0. 2018-12-20

Contact for questions about the data

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Related research data in SND's catalogue

[Physico-chemical parameters measured at a high spatial resolution in the Miellajokka catchment, Sweden - Paired values of CO2 and k600 from the GLORICH database](#)

Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

[JSON-LD](#)

[PDF](#)

[Citation \(CSL\)](#)

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

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