

# Krycklan Catchment Study

**SND-ID:** ecds0169-1.

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## **Creator/Principal investigator(s)**

The Swedish University of Agricultural Sciences, Unit for Field-based Forest Research

## **Research principal**

[Swedish University of Agricultural Sciences](#) - Unit for Field-based Forest Research

## **Description**

The Krycklan Catchment Study (KCS) is one of the most ambitious projects which integrate water quality, hydrology and aquatic ecology in running waters in the boreal region. KCS provide data services and high quality field data to allow state-of-the-art research in hydrological, biogeochemical and ecological processes. KCS aim to do basic science, develop new generations of water management models and provide background information for improved environmental guidelines.

## **Data contains personal data**

No

## **Language**

[English](#)

## **Time period(s) investigated**

1981 - Ongoing

## **Geographic spread**

Geographic description: Krycklan watershed catchment

## **Responsible department/unit**

Unit for Field-based Forest Research

## **Research area**

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

## **Keywords**

[Geochemistry](#), [Soils](#), [Forest science](#), [Forests](#), [Peatlands](#), [Riparian wetlands](#), [Peatlands](#), [Riparian wetlands](#), [Frozen ground](#), [Seasonally frozen ground](#), [Terrestrial hydrosphere](#), [Water quality/water chemistry](#), [Total runoff](#), [Discharge/flow](#), [Rivers/streams](#)

## **Publications**

Laudon, H., I. Taberman, A. Ågren, M. Futter, M. Ottosson-Löfvenius, and K. Bishop (2013), The

Krycklan Catchment Study—A flagship infrastructure for hydrology, biogeochemistry, and climate research in the boreal landscape, *Water Resour. Res.*, 49, doi:10.1002/wrcr.20520.

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)**

19.6820866191, 64.294775726

19.6820866191, 64.191111757

19.8886543463, 64.191111757

19.8886543463, 64.294775726

19.6820866191, 64.294775726

### **Accessibility level**

Access to data through an external actor

Data are freely accessible

### **Homepage**

[Hydrological Research at Krycklan Catchment Study](#)

[SITES](#)

[Krycklan's open database](#)

[Hydrologisk forskning i Krycklans avrinningsområde](#)

### **Contacts for questions about the data**

Hjalmar Laudon

[hjalmar.laudon@slu.se](mailto:hjalmar.laudon@slu.se)

Kim Lindgren

[kim.lindgren@slu.se](mailto:kim.lindgren@slu.se)

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