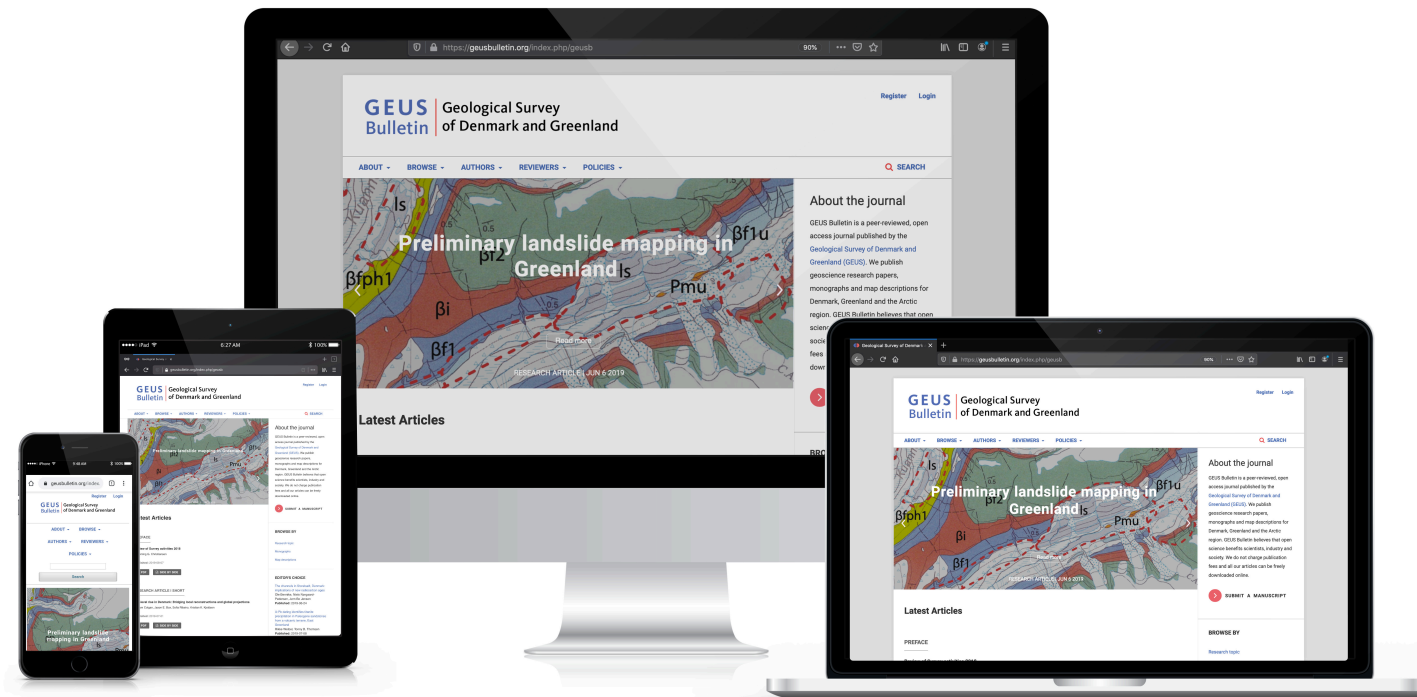


A recipe for launching a diamond open-access journal with a century of geological knowledge in the pantry: Lessons learned from GEUS Bulletin

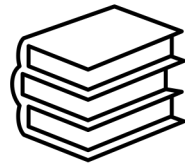
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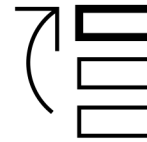
GEUS Bulletin: Introduction to the journal



Peer-reviewed,
scholarly
journal.



Published since
2003.
Re-launched in
2020.
Former series
1893–2002.



Indexed by WOS,
Scopus, Google
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Diamond Open
Access
DOAJ Seal of
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Journal Scope: What can you submit to GEUS Bulletin?

Geoscience research papers, monographs and map descriptions with a focus on Denmark, Greenland and the wider North Atlantic and Arctic region.

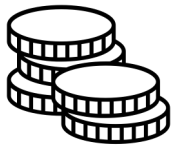
Specifically, we publish:

1. **Short articles** – rapid communications of interest to (international) geoscience community (**new research, datasets, methods or reviews**)
2. **Regular-length articles** – document new research or a review.
3. **Monographs** – single volume works, by arrangement with editorial office.
4. **Map descriptive texts** – by arrangement with the editorial office.

GEUS Bulletin serves a broad geoscientific readership from research, industry, government agencies, NGOs and special interest groups.

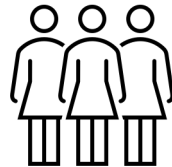


GEUS Bulletin: Diamond Open Access model



Financed by GEUS

Web, production & printing costs.
1 x full-time editor.
2 x part-time copyeditors.



Editorial Team

18 volunteer scientific editors.

External Board & Internal Board.



Online Publication

Immediate online publication.

1 annual volume & 2–3 special issues each year.



Printed Issues

Special Issues are printed by agreement.

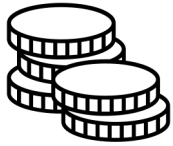
Why have a GEUS Bulletin? Why go digital?

GEUS publishes research, maps and data relevant to Denmark and Greenland. Our journal is an important platform for GEUS- and non-GEUS scientists working in these areas to publish open-access, peer-reviewed research. Before 2020, the journal was not hosted on a journal platform. We were more print-focussed and hard to find online. We needed to be more visible to the wider geoscience community.

We needed an easier way to disseminate our published research to key databases and we needed to be more accessible to search engines, like Google Scholar. We needed a modern, professional journal platform that was compliant with open-access mandates (PlanS) and web-accessibility guidelines. But, we had a limited budget. On the next slide, we summarise the solutions we considered before we re-launched the journal in June 2020.



Solutions we considered



Libero Publisher

Modern open-source publishing platform.

Still in development & requires separate hosting.

No ready-to-use submissions system, yet!

<https://libero.pub>



Open Journal Systems (OJS)

Established open-source publishing platform.

Self-hosted or hosted by PKP*.

No typesetting, but PKP partners provide affordable solutions.

<https://pkp.sfu.ca/ojs/>

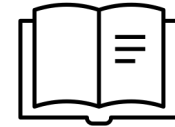


Commercial platforms

Established publishing platforms. Proprietary.

Include professional hosting but no editorial services.

Even the cheapest option was out of our budget.



Join a commercial publishing house

Established publishing platforms. Proprietary. Fee-based.

Included professional hosting & editorial services.

Lose some control & requires author fees to cover costs.



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A collection of scientific journals published by the Geological Survey of Denmark and Greenland (GEUS) since 1893

Click 'search all journals' above to explore our entire back catalogue of articles, monographs and map descriptions from the current series, GEUS Bulletin, and all legacy titles. Or click on each of the journals below to find content.



GEUS Bulletin

GEUS Bulletin (eISSN: 2597-2154) is the current flagship journal published by the [Geological Survey of Denmark and Greenland \(GEUS\)](#). Previously, the Geological Survey of Denmark and Greenland Bulletin (eISSN: 1904-4666). We are peer-reviewed and diamond open access. GEUS Bulletin publishes geoscience research papers, monographs and map descriptions for Denmark, Greenland and the Arctic region. We believe that open science benefits scientists, industry and society, so we do not charge publication fees and all our articles can be freely downloaded online.

GEUS Bulletin is open for submissions to geoscientists whose research is focussed on **Denmark, Greenland and the Arctic region**. [Read more in our journal scope](#).

[View Journal](#) [Current Issue](#)



Geological Survey of Denmark and Greenland Map Series

Geological Survey of Denmark and Greenland Map Series was published by the Geological Survey of Denmark and Greenland (GEUS) between 2004 and 2019. This series consisted of eight peer-reviewed descriptive texts to accompany geoscientific maps of Denmark, the Faeroe Islands and Greenland including off-shore areas. These were single issue works produced by GEUS-affiliated scientists and reviewed by independent experts.

Geological Survey of Denmark and Greenland Map Series is discontinued and is not open for submissions.

[View Journal](#) [Current Issue](#)



Geology of Greenland Survey Bulletin

Geology of Greenland Survey Bulletin was published by the Geological Survey of Greenland (GGU) between 1997 and 2002. It consists of 18 printed volumes of peer-reviewed monographs and research articles relevant to Greenland geology and geoscience. This series replaced two earlier series: Grønlands Geologiske Undersøgelser Bulletin (1948–1996) and Grønlands Geologiske Undersøgelser Rapport (1964–1996). GGU merged with the Geological Survey of Denmark (DGU) in 1995 to form a single organisation, GEUS. The two surveys maintained their own scientific series until these two were merged into one, GEUS Bulletin, in 2003.

Geology of Greenland Survey Bulletin is discontinued and is not open for submissions.

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Geology of Denmark Survey Bulletin

Geology of Denmark Survey Bulletin was published by the Geological Survey of Denmark (DGU) between 1998 and 2001. It consists of two printed volumes of peer-reviewed monographs and research articles relevant to Danish geology and geoscience. This series replaced former series Danmarks Geologiske Undersøgelser Serie (A–D) and Række (1–5). DGU merged with the Geological Survey of Greenland (GGU) in 1995 to form a single organisation, GEUS. The two surveys maintained their own scientific series until these two were merged into one, GEUS Bulletin, in 2003.

Geology of Denmark Survey Bulletin is discontinued and is not open for submissions.

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ABOUT · CONTACT · PRIVACY

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Geological Survey of
Denmark and Greenland

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Hosting a collection of journals

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GEUS Bulletin is the flagship open access journal published by the Geological Survey of Denmark and Greenland (GEUS). We publish geoscience research papers, monographs and map descriptions for Denmark, Greenland and the Arctic region. We encourage authors to upload their datasets and code to the *GEUS Bulletin Dataverse*. Simply register or login to dataverse to submit your data. Read more at www.geusbulletin.org.

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Publication Year
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 2020 (2)

Author Name
 Adrien Wehrli (1)
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 Flemming G. Christiansen (1)
 Jason Box (1)

Keyword Term
 geochemistry (2)
 CO2 storage (1)
 Cenozoic (1)
 Earthquakes (1)
 Greenland (1)

Geographic Coverage Country / Nation
 Denmark (4)
 Greenland (2)

Journal Volume
 44 (2)
 47 (2)
 45 (1)
 Admin will complete this field... (1)

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 2020 (3)
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1 to 6 of 6 Results Sort



Supplementary files for: Estimating pesticides in public drinking water at the household-level in Denmark
Apr 13, 2021

Denitza D. Vouchkova, 2021, "Supplementary files for: Estimating pesticides in public drinking water at the household-level in Denmark", <https://doi.org/10.22008/FK2/7HIX73>, GEUS Dataverse, V1, UNF:6AGrueUJUs4T9ouvHO1g== [fileUNF]

Pesticide pollution has raised public concern in Denmark due to potential negative health impacts, and frequent findings of new substances after a recent expansion of the groundwater monitoring programme. Danish drinking water comes entirely from groundwater. Both raw groundwater...



SICE implementation of the Simple Cloud Detection Algorithm (SCDA) v2.0
Mar 30, 2021

Adrien Wehrli, Jason Box, 2021, "SICE implementation of the Simple Cloud Detection Algorithm (SCDA) v2.0", <https://doi.org/10.22008/FK2/N0XWSJ>, GEUS Dataverse, V1

The Programme for Monitoring of the Greenland ice Sheet (PROMICE) provides surface meteorological and glaciological measurements from widespread on-ice automatic weather stations since mid-2007. In this study, we use 105 PROMICE ice-ablation time series to identify the timing of...



Supplementary files for: Monitoring for seismological and geochemical groundwater effects of high-volume pumping of natural gas at the Stenlille underground gas storage facility, Denmark
Mar 24, 2021

Trine Dahl-Jensen, 2021, "Supplementary files for: Monitoring for seismological and geochemical groundwater effects of high-volume pumping of natural gas at the Stenlille underground gas storage facility, Denmark", <https://doi.org/10.22008/FK2/1Z251F>, GEUS Dataverse, V1, UNF:6uq2CQ0uMEb7yztLLgpdw== [fileUNF]

The large natural gas storage facility at Stenlille, Denmark, has been monitored to investigate the effect of pumping large amounts of gas into the subsurface. Here, we present a new dataset of microseismicity at Stenlille since 2018. We compare these data with methane in ground...



Supplementary files for: Penneplains and tectonics in North-East Greenland after opening of the North-East Atlantic
Jan 22, 2021

Johan M. Bonow; Peter Japsen, 2021, "Supplementary files for: Penneplains and tectonics in North-East Greenland after opening of the North-East Atlantic", <https://doi.org/10.22008/FK2/TMDFP9>, GEUS Dataverse, V1

Elevated plateaus with deeply incised valleys characterise elevated passive continental margins (EPCMs) in all climate zones. These features are, however, a topic of debate regarding when and how the large-scale landscapes formed. We have investigated and mapped the partly glacia...



Supplementary files for: A review of oil and gas seepage in the Nuussuaq Basin, West Greenland – implications for petroleum exploration
Dec 5, 2020

Flemming G. Christiansen, 2020, "Supplementary files for: A review of oil and gas seepage in the Nuussuaq Basin, West Greenland – implications for petroleum exploration", <https://doi.org/10.22008/FK2/SOSVLD>, GEUS Dataverse, V1

The Nuussuaq Basin in West Greenland has an obvious exploration potential. Most of the critical elements are well documented, including structures that could form traps, reservoir rocks, seals, and oil and gas seepage that document petroleum generation. And yet, we still lack a f...



Supplementary files for: Late Quaternary history of Lammefjorden, north-west Sjælland, Denmark
Jul 17, 2020

Bennike, Ole, 2020, "Supplementary files for: Late Quaternary history of Lammefjorden, north-west Sjælland, Denmark", <https://doi.org/10.22008/FK2/DOENKQ>, GEUS Dataverse, V1

Lammefjorden is a reclaimed ford in north-west Sjælland, Denmark. Sediment cores from the area were collected to study its development after the last deglaciation, in particular the sea-level history. Late glacial and Early Holocene lake and bog deposits occur below marine depos...



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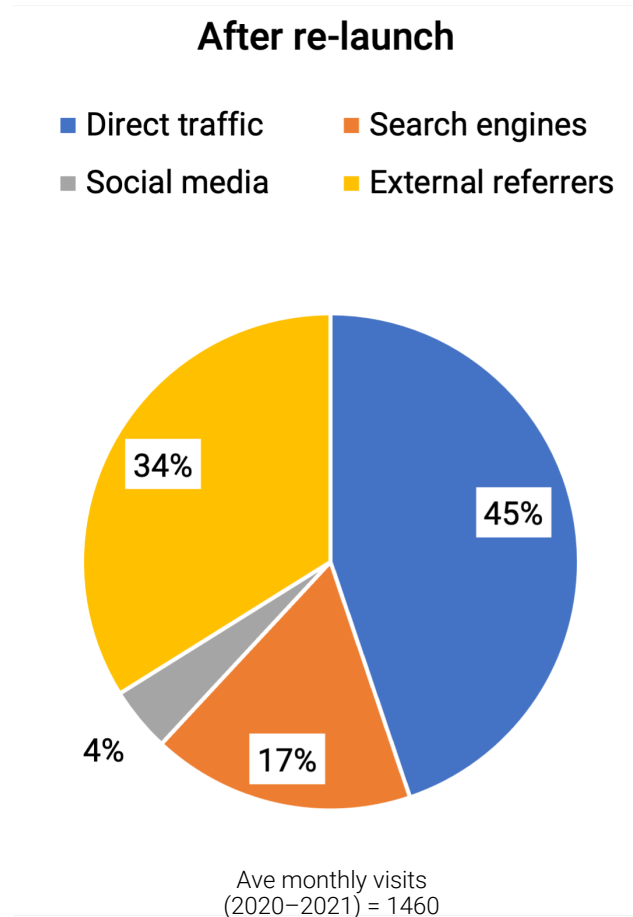
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Dataverse: an open-source data repository

- We also run a self-hosted installation of Harvard Dataverse.
- This is for all of GEUS, but we have a dedicated sub-dataverse for the journal, customised to host supplementary files linked to published papers.
- This provides an open-source solution to hosting datasets and assigning DOIs.
- Dataverse adheres to FAIR data principles.
- DOI to dataset added to article landing page and full-text formats.
- Visit GEUS Bulletin Dataverse: <https://dataverse01.geus.dk/dataverse/bulletin>

Impact on readership since re-launch*:



- We have only limited & discontinuous site-traffic data from before Nov 2020. So it is difficult to make definitive comparisons between traffic data pre-launch and post-launch.
- That said, the number of visitors has increased (c. +83% in Nov 2020 – Mar 2021 vs. the same period the year before).^{**}
- And, more traffic now comes from external websites like Google Scholar, Scopus, WOS etc (c. 5% before re-launch to 34% after re-launch).^{***}
- Overall, the new OJS platform has made the journal more visible.

* Relaunched in June 2020

** Based on monthly totals, where complete monthly data are available since 2018. A clearer picture will develop as we collect more data in 2021.

*** Based on all available data since 2018.

Barriers and progress in diamond open-access publishing

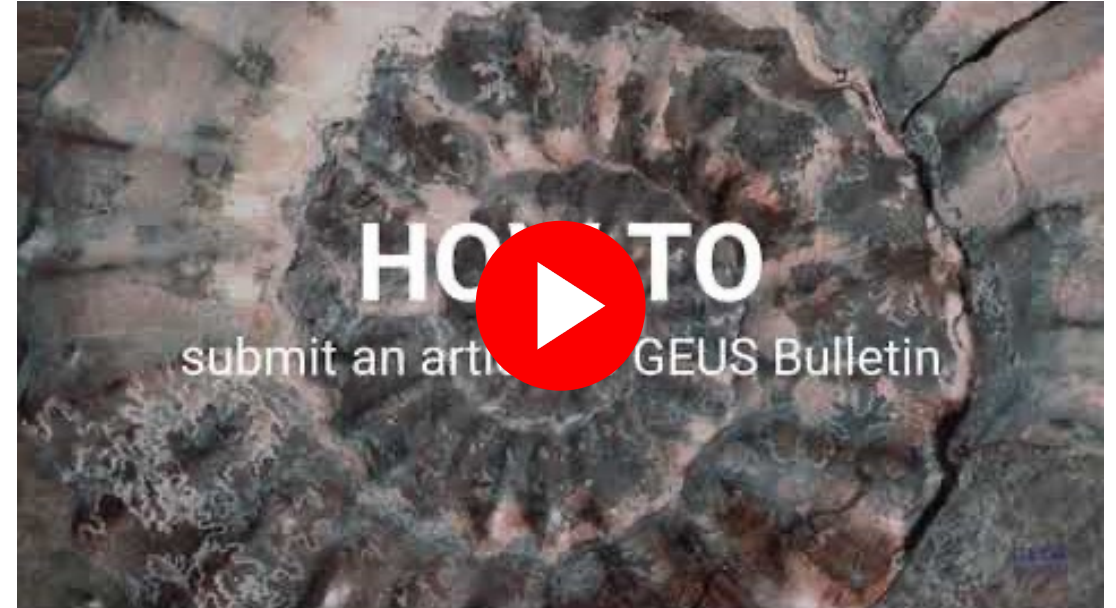
- Diamond OA is only sustainable by funding from libraries/institutions.
- Open-access mandates like PlanS and website accessibility guidelines place new (technical) standards on small, non-profit journals.
- Open-source tools offer low-cost solutions.
- For us, OJS provides a viable, professional alternative to proprietary, journal software or joining a large publishing house.
- The active community of journal editors and developers behind OJS, ensures its longevity, feature updates, and integrations with other services (e.g. CrossRef, ORCID)
- Other solutions like Libero Publisher hint at promising alternatives in the future.
- Many libraries already host OJS installations. Ask your library or university press!



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