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National Board of Scholarly Publishing

The Norwegian Model

Defining and delimitating scholarly publications in
the Norwegian Cris system

Antwerp, Belgium, 10.09.2018

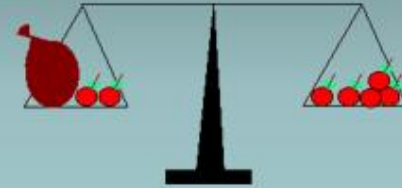
The Norwegian Model

The Norwegian Model

The model has three components:

1. A complete representation in a **national database of structured, verifiable and validated bibliographical records** of the **peer-reviewed** scholarly literature in all areas of research;
2. A **publication indicator** with a system of weights that makes field-specific publishing traditions comparable across fields in the measurement of “Publication points” at the level of institutions;
3. A **performance-based funding model** which reallocates a small proportion of the annual direct institutional funding according to the institutions’ shares in the total of Publication points.

CRIS
Current Research
Information System



Direct grants

Historical, Political

Strategic

Performance
based

Try to answer three questions

1. How to define and delimit scholarly publications?
2. How to identify scientific publication channels in our National register for Scientific Journals, Series and Publishers?
3. How we identified and select smaller number of channels at a top level (level 2)?

You are here: Home

The purpose of the Norwegian Publication Indicator (NPI) is to promote high-quality research and provide an overview of and insight into research activity.



The National Board of Scholarly Publishing

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[The National Board of Scholarly Publishing](#)
[Go to overview of scientific panels](#)
[Go to overview of scientific fields](#)
[See decisions relating to level 2](#)

The Norwegian Register for Scientific Journals, Series and Publishers

The registry is operated jointly between The National Board of Scholarly Publishing (NPU) and NSD - Norwegian Centre for Research Data on behalf of the norwegian Ministry of Education and Research. NSD has operational responsibility. NPU has approval authority of journals, series and publishers. The register helps you find relevant approved channels and lets you propose new additions. The register shows which scientific publications are recognized in the weighted funding model. New proposals are processed at three annual meetings. The decisions are published after each meeting.

[Search the register](#)
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[Meeting schedule and decisions relating to level 1](#)

CRISTin

CRISTin is a national system for registering and reporting the research activity of institutions in the institute sector, the health trusts and the university and university college sector. CRISTin is also responsible for national coordination of open access activities and manages consortiums of a range of different electronic resources suppliers for academic and research libraries in Norway.

[Register research activity](#)
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Statistics

NSD is responsible for statistics on scientific publications for the university and university college sector. The Nordic Institute for Studies in Innovation, Research and Education (NIFU) is responsible for statistics on scientific publications in the institute sector. CRISTin publishes statistics on scientific publications that include the health sector.

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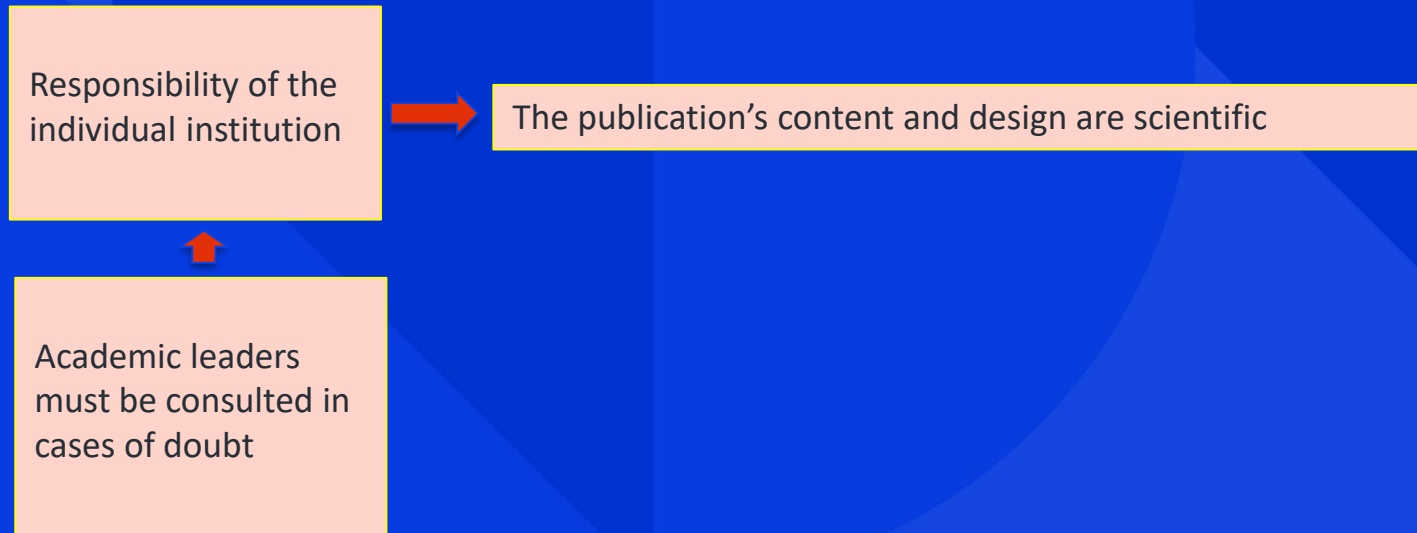
How to define and delimit scholarly publications?

Academic publication – a definition

An academic publication is defined according to four criteria, which must all be satisfied. The publication must:

-
- The diagram consists of two light blue rectangular boxes on the left. The top box contains the text 'Responsibility of the individual institution' and has two blue arrows pointing to the first and second items of a list. The bottom box contains the text 'Guaranteed by the national register' and has two blue arrows pointing to the third and fourth items of the same list. The list items are numbered 1 through 4 and describe the requirements for an academic publication.
1. present new insight
 2. be presented in a form that allows the research findings to be verified and/or used in new research
 3. be written in a language and have a distribution that make the publication accessible to the majority of interested researchers
 4. appear in an authorized publication channel (journal, series, book publishers, website) that has procedures for external peer review

The main criteria when institutions report scientific publications





CRISTIN

Current Research Information System in Norway

Norwegian website

 Search

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Researcher pages

- ▶ Upload a version of your article when you register the article in Cristin
- ▶ Remember to [register your academic publications](#) for NVI

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Frequently asked questions

Answers to frequently asked questions

Help

The superuser at your institution is your primary contact



Register NVI publications

In order for your institution to get publishing points

Reporting instructions (NVI)

Rules and guidelines outlining which publications can be nominated for inclusion in the NVI

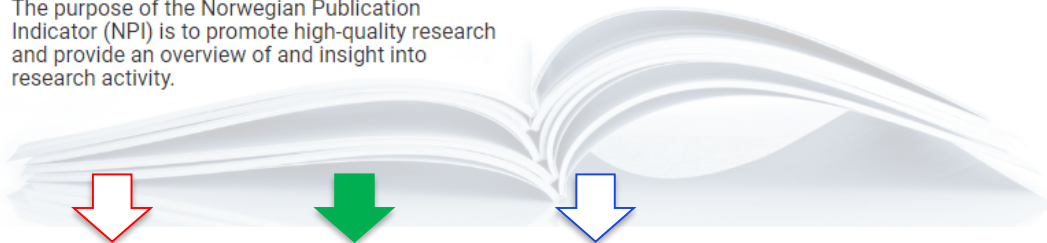
Reporting projects to the RCN

Easier reporting of projects to the Research Council of Norway

How to identify scientific
publication channels in our
National register for Scientific
Journals, Series and Publishers?

You are here: [Home](#)

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[Go to overview of scientific panels](#)
[Go to overview of scientific fields](#)
[See decisions relating to level 2](#)

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Guaranteed by the national register

1. be written in a language and have a distribution that make the publication accessible to the majority of interested researchers
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NSD

NORWEGIAN REGISTER FOR SCIENTIFIC JOURNALS, SERIES AND PUBLISHERS

DBH

Om DBH
Referansegruppen
Kontakt oss
About DBH

Rapportering

Dokumentasjon

Statistikk

Nøkkel tall

KD-portalen

NOKUT-portalen

Webservice

Fagskolestatistikk

Selskapsdatabasen

Publiseringskanaler

Søk
Last ned liste
Legg inn forslag
Dokumentasjon
Vedtak nivå 1
Vedtak nivå 2

NPI

ERIH PLUS

NSD
Harald Hårfagres gate 29
N-5007 Bergen, Norway
Tel +47 55 58 21 17
nsd@nsd.no

Search Login Documentation 

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Use this page to search for authorised publication channels. If you cannot find specific journals, series or publishers, you may suggest additions. The deadline for submissions of new publication channels for approval for the current year is **30th November**. See criteria for inclusion.

Search

BIBSYS-format

Switch to advanced search

The Nordic List

Published: 2018-05-16

Since 2015 the Nordic countries have been collaborating to develop a common registry of authorized research publication channels with bibliographic data on journals, series and publishers. Denmark, Finland and Norway have joined their national lists of authorized research publication channels, used for indicators in the national performance-based research funding systems. Sweden, Iceland, Greenland and Faroe Islands do not have a similar funding system but are planning to use such lists as a tool for a national or Nordic overview of authorized research publication channels.



NSD - Norwegian Centre for Research Data, have coordinated the technical development in 2017 and the work is funded by NordForsk and The Presidency of the Nordic Council. The plan for technical development agreed upon by the collaboration and funding is finished by summer 2018.

Latest news

Nordic List:

16 May 2018: An update on the Nordic List. Read more.

Fake science:

29 May 2017, Klassekampen: Read about how NSD deals with "fake science" (norwegian).

Joint Nordic support for DOAJ:

11 May 2017: The agreement is ensuring collaboration between the ongoing project to create a common Nordic registry of authorized publication channels - the Nordic List and DOAJ. Read more.

Fake academia:

29 March 2017: A seminar addressing predatory journals and fake news. See announcement at Bergen Resource Centre for International Development and Centre on Law & Social Transformation.

NSD develops register for nordic publishing channels:

16 February 2017: A new cloud service powers a common nordic register for channels and publications. Read more (norwegian).

Open Access as an academic publishing requirement:

Criteria for inclusion

To be included in the Norwegian Register for Scientific Journals, Series and Publishers, publication channels must meet the following criteria

- **Established procedures for external peer review**. The concept of external peer review refers to various forms of editorial procedures that differ between academic fields and publication channels, and which indicate that the manuscript has been evaluated by one or more independent experts on the subject matter
- **An academic editorial board** (or an equivalent) primarily consisting of researchers from universities, research institutes etc.
- **International or national authorship**

Authorship of a publication channel is defined in accordance with the following operational criteria:

- Authorship is **international** when less than two-thirds of the authors published in the publication channel are from the same country
- Authorship is **national** when more than two-thirds of the authors published in the publication channel are from the same country
- Authorship is **local** when more than two-thirds of the authors published in the publication channel are from the same institution

Peer review

In relation to the Norwegian Register for Scientific Journals, Series and Publishers, the National Publication Committee has developed the following definition of peer review to be used in authorised publication channels:

Peer review must always be conducted before publication.

The peer review process is always conducted prior to publication of the original research results.

At least one reviewer must not be affiliated to the publisher/author.

A manuscript must, as a minimum requirement, be reviewed by one expert in the field that is not affiliated to the publisher or the author. There are no requirements as to whether the external reviewer is known or anonymous.

The peer review must relate to the academic originality and quality of the work.

An assessment of the academic originality must be included in the written evaluation.

When reporting individual publications, the research institutions can also keep this definition in mind.

Last modified 3 February 2016

How we identified and select
smaller number of channels at a
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[Go to overview of scientific panels](#)
[Go to overview of scientific fields](#)
[See decisions relating to level 2](#)

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[Go to open access](#)

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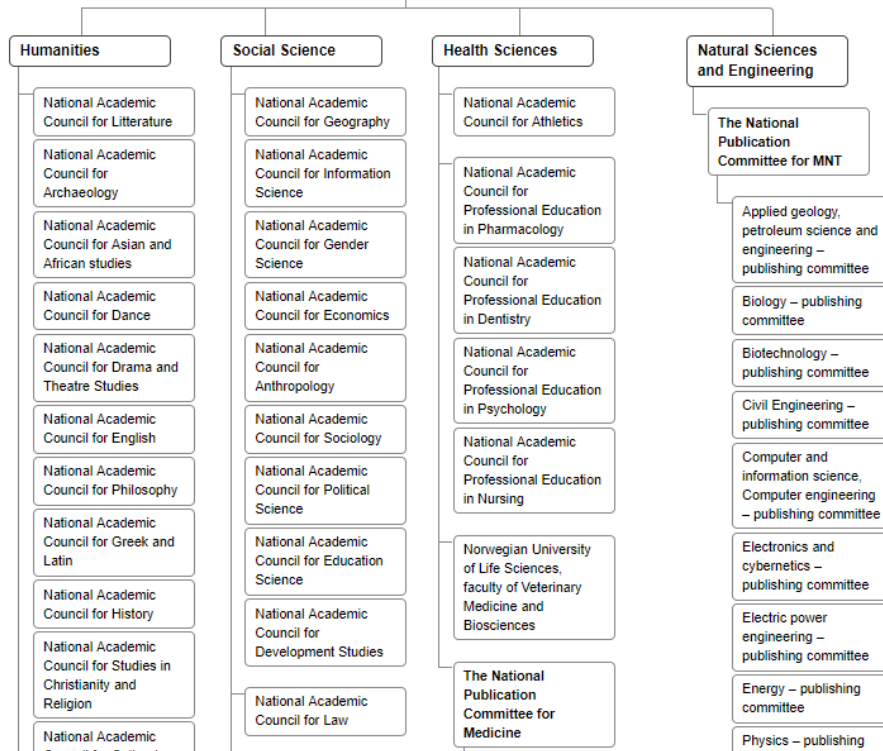
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You are here: Home / Organisation



The National Board of Scholarly Publishing



Level 2

Level 2 will, as a rule, be limited to publication channels (academic journals, series, yearbooks, websites and book publishers) that:

- are perceived as **leading publication channels** in a wide variety of academic contexts and publish the most outstanding works by researchers from different countries
- publish about **20 per cent** of academic publications

Level 2

Leading publication channels

The first point implies that publication on level 2 should be a target for the overall publication patterns of an academic field (at the national level, not the individual).

20 %

The total of 20 per cent on level 2 is calculated as the proportion of internationally published articles in the academic fields where international statistics for journals (NPI use Scopus) are available and reasonably accurate.

In academic fields where Scopus does not offer relevant statistics, discretionary judgements are made based on comparing statistics from the Norwegian research institutions with international statistics, while taking into account the fields' book publications.

You are here: Home / Scientific fields / Biology

Data supporting the panels work

Biology

Scientific panel: The National Publication Committee for MNT

ISSN Channels ISBN Publishers Nominations Comments

Search the list for name or ISSN

| Level 2018 | Level 2019 | ISSN | e-ISSN | Publication channel | Prod (NO) | Prod (V) | Sitering | Level DK | Level SF |
|------------|------------|-----------|-----------|---|-----------|----------|----------|----------|----------|
| 2 | 2 | 0171-8630 | 1616-1599 | Marine Ecology Progress Series | 42.7 | 1506 | 0.95 | 2 | 1 |
| 2 | 2 | 0021-9258 | 1083-351X | Journal of Biological Chemistry | 25.9 | 9229 | 1.13 | 2 | 1 |
| 2 | 2 | 0099-2240 | 1098-5336 | Applied and Environmental Microbiology | 18.6 | 2722 | 1.24 | 2 | 2 |
| 2 | 2 | 0962-1083 | 1365-294X | Molecular Ecology | 18.0 | 1387 | 1.65 | 2 | 2 |
| 2 | 2 | 0962-8452 | 1471-2954 | Proceedings of the Royal Society of London. Biol... | 16.7 | 2286 | 1.47 | 2 | 3 |
| 2 | 2 | 0022-0302 | 1525-3198 | Journal of Dairy Science | 13.8 | 2440 | 1.46 | 2 | 3 |
| 2 | 2 | | 1471-2148 | BMC Evolutionary Biology | 13.2 | 881 | 1.27 | 1 | 2 |
| 2 | 2 | | 1471-2105 | BMC Bioinformatics | 12.8 | 1849 | 0.95 | 1 | 1 |
| 2 | 2 | 1354-1013 | 1365-2486 | Global Change Biology | 12.6 | 1027 | 2.62 | 2 | 3 |
| 2 | 2 | 0021-8790 | 1365-2656 | Journal of Animal Ecology | 11.6 | 448 | 1.72 | 2 | 2 |
| 2 | 2 | 1553-734X | 1553-7358 | PLoS Computational Biology | 11.2 | 1812 | 1.34 | 1 | 2 |
| 2 | 2 | 0014-3820 | 1558-5646 | Evolution | 10.4 | 869 | 1.39 | 2 | 3 |
| 2 | 2 | 1045-2249 | 1465-7279 | Behavioral Ecology | 10.2 | 611 | 1.25 | 1 | 2 |
| 2 | 2 | 1462-2912 | 1462-2920 | Environmental Microbiology | 10.0 | 904 | 1.41 | 2 | 2 |

Historie: Scientific field nomination

Profile



| Scientific field size | Share in journals | Share in Scopus |
|-----------------------|-------------------|-----------------|
| 1,048 | 24.5 % | 43.4 % |

Summary



| Summary Level 2 share | Before | After |
|---|--------|--------|
| Level 2 share World production (journals in Scopus) | 18.2 % | 18.2 % |
| Level 2 share Norwegian production (journals) | 15.2 % | 15.2 % |
| Level 2 share Norwegian production (journals and books) | 17.0 % | 17.0 % |

Simulation list



| Level 2017 | Level 2018 | Level 2019 | ISSN | e-ISSN | Publication channel | Prod (NO) | Prod (W) | Sitation | Level DK | Level SF |
|------------|------------|------------|-----------|-----------|-----------------------------------|-----------|----------|----------|----------|----------|
| 1 | | 2 | 0955-2559 | 1477-4674 | Twentieth Century British History | 64 | 1.23 | 1 | 2 | |

Total items: 1

ISSN channels in the scientific field



| Level 2017 | Level 2018 | ISSN | e-ISSN | Publication channel | Prod (NO) | Prod (W) | Sitering | Level DK | Level SF |
|------------|------------|-----------|-----------|--|-----------|----------|----------|----------|----------|
| 2 | 2 | 0346-8755 | 1502-7716 | Scandinavian Journal of History | 12.8 | 90 | 0.61 | 2 | 3 |
| 2 | 2 | 0707-5332 | 1949-6540 | International History Review | 4.0 | 145 | 1.00 | 2 | 3 |
| 2 | 2 | 0358-5522 | 1750-2837 | Scandinavian Economic History Review | 4.0 | 40 | 0.72 | 2 | 1 |
| 2 | 2 | 0018-2656 | 1468-2303 | History and Theory | 2.5 | 93 | 1.43 | 2 | 3 |
| 2 | 2 | 1364-2529 | 1470-1154 | Rethinking history | 2.0 | 114 | 1.17 | 2 | 3 |
| 2 | 2 | 0014-4983 | 1090-2457 | Explorations in economic history (Print) | 1.5 | 85 | 1.25 | 1 | 2 |
| 2 | 2 | 0145-2096 | 1467-7709 | Diplomatic History | 1.0 | 115 | 1.92 | 2 | 2 |
| 2 | 2 | 0963-9462 | 1468-0254 | Early Medieval Europe | 1.0 | 56 | 1.84 | 2 | 3 |

Simulation:
How the numbers below affect the percentages above (before/after moving this journal to Level 1 or 2)

The logo for UR Universities Norway is centered on a blue background. It features a large, stylized 'U' and 'R' in white, with a vertical bar between them. To the right of the 'UR' is the text 'Universities' on the top line and 'Norway' on the bottom line, both in a white sans-serif font.

U:R Universities
Norway