

**Linköping University
Publishing Infrastructure**

Activity Summary, 2012



Linköpings universitet

February, 2013

Annual report 2012

1. Organisation

Lovisa Österlund joined Publishing Infrastructure to work fulltime with bibliometrics, allowing PI to also work with the analysis of world university ranking systems. Karl Svensson has also worked with PI for a significant part of 2012, helping with the back registration of Ph.D. theses and improvements to our conference database. Elaine Billberg worked on a project to correct publication data for Linköping University researchers in Web of Science.

The steering group for E-Press underwent changes in membership. Björn Gerdle replaced Johan D Söderholm as the HU representative and Mikael Heimann replaced Peter Aronsson from FilFak.

2. LiU E-Press

2.1 Publications

2012 saw a continued growth in the amount of full-text, on-line material at E-Press. The following are the totals to the end of 2012:

Publication Type	Number
Undergraduate Theses	8181
Ph.D. Theses	1279
Licentiate Theses	408
Research Articles	2938
Book/Anthologies	81
Chapters	225
Reports	570

In late 2012, LiU library decided to stop cataloguing student theses and at the same time made efforts to make the departments aware of the relatively low electronic publishing rate (as a percentage of the total) amongst student theses. There is a hope that this will result in increased electronic publishing of student theses in 2013 and the future.

2012 was another record year for parallel publishing, with 963 articles being parallel published. Some of the articles were registered in 2011 or earlier and parallel published in 2012. 29% of the 2012 journal articles from LiU were parallel published in 2012. This figure is the highest for any university in Sweden.

Over 2012, there were some 1 700 000 downloads of pdf files from DiVA, a continued and significant increase from the year before and again the highest within the DiVA group (even though other, larger universities have more full text material online).

2.2 Journals

In 2012, LiU E-Press began hosting 3 journals: the new journals [Valuation Studies](#) (Editor-in-Chief Claes-Fredrik Helgesson), [Confero: Essays on Education, Philosophy and Politics](#) (Editor-in-Chief Robert Aman) and an existing journal that is going open access, *Swedish Design Research*.

[The European Journal for Research on the Education and Learning of Adults](#) (RELA) published two issues in 2012 with a total of 11 articles. [International Journal of Ageing and Later Life](#) published 8 articles, and [Culture Unbound](#) published 40 articles.

Most of the journals are indexed in various international databases; work is on-going to get them in as many as possible.

In December a new graphical design and publishing technique was released for the journal [International Journal of Ageing and Later Life](#). All article pages are now dynamical published directly from a database. The presentation of the article metadata, references, Citations from CrossRef are done via a tab system and new is Citations from Google Scholar. The citations from CrossRef and Google Scholar are collected directly from their data systems.

2.3 Conference Proceedings and Series

Eleven Conference Proceedings were published during 2012 and there was increased use of JARSS for the submission and reviewing process for conferences. Four 2011 Conference Proceedings and one 2010 were published retroactively in 2012

In the Conference database an affiliation field has been added. Affiliation data for each author in the records was added and all authors are now presented with full affiliation.

Many series had continued activity during 2012 and two non-active series resumed publishing reports during the year.

2.4 Webpages

During the year, the webpages were updated continuously. It is important to keep all information up to date.

Two new services were launched in 2012: [Highly Read Last 24 Hours](#) and [New at LiU](#). *Highly read* is presented on LiU E-Press start page with 10 clickable publications at a time. *New at LiU* is actually a page with a collection of presentations of various publication types such as recently registered *Ph.D.* and *Licentiate theses, books, articles, recent level 2 articles* and *articles from LiU staff highly cited in the last 3 months*. Clickable images of the cover are shown in a list for the Ph.D., Licentiate theses and the books with the possible to scroll horizontally in order to see more. All data are collected from the publication system DiVA.

Three new [publication portfolios](#) were published during the year. The portfolios collect and organize the publications published within some of the excellent research areas at LiU.

2.5 The Publication System DiVA

The DiVA Consortium had 30 Universities and Colleges as members from all over Sweden and one in Norway in 2012. DiVA is the largest and most developed publications system in the country with many leading Swedish Universities and Colleges as members.

2.5.1 Meetings within the DiVA Consortium

Two meetings were held: one day meeting at Uppsala University and a two days meeting at the Royal Technical Institute (KTH) in Stockholm.

Several different matters were discussed at the meetings and the most important was:

- Launch Print-on-Demand in DiVA,
- New functional and improvements of the system,
- A proposal and demo presentation of a new search interface,
- Discussion how to amend the quality of published metadata,
- Increase the number of full texts,
- Common bibliographic records in DiVA,
- Personal author records with information about personal ID:s and affiliation,
- Register research projects and couple publications to a certain project.

At each meeting there were over 50 participants from all members in DiVA. The interest of DiVA is also growing because of the usage of the DiVA facilities but also the fact that bibliometric analyses and valuations is used as a tool for quantitative studies of scientific publications by LiU and many of the DiVA members.

Within the DiVA consortium LiU had most downloaded DiVA web pages, 3.5 million the past year.

2.5.2 Print-on-Demand

At the DiVA meeting in May the new Print-on-Demand (POD) system was demonstrated. POD makes it possible to order a printed copy of a publication at reasonable price. LiU E-Press has a very close co-operation with LiU's Printing service and a local work flow has been prepared. This will be presented for the LiU management in January 2013.

2.5.3 Import of Undergraduate Theses to the Library Catalogue

From 2013 undergraduate theses will no longer be registered in the University library catalogue after a decision taken by the *University Library Board*. However, the electronic published thesis will automatically be registered in the catalogue by importing the record directly from DiVA into the catalogue system. A script, developed by LiU E-Press, is run every fortnight and takes care of the automatic import.

2.5.4 Import Undergraduate Theses into DiVA

In order to aid the publishing of undergraduate theses, a direct import of thesis records, with full texts, from the electronic archive of student theses at the Department of science and technology into DiVA, will start in early 2013. Tests have been carried out in the late autumn of 2012 with good result.

Three departments at LiU use a work flow system, WexUpp, where student theses are registered and work began in 2012 to make it possible to export records from the work flow system and import them into DiVA.

Using the export/import facilities means that the students only have to log into **one** system in order to publish their theses instead of two as it is organized now.

2.5.5 Proposal for Increasing Electronic Publishing of Student Theses

Electronic publishing of student theses in full text is slowly increasing at LiU. The number of published theses in full text could be much higher. To increase the published volume LiU E-Press presented a proposal with background data and objective suggestions how this will be carried out. The proposal, written by Peter Berkesand, was first presented to the Steering Group and later for the University Library Board. The department prefects have also discussed the contents and later in 2013 we will know if the proposal had any effect.

2.6 Quality Work

A part of our quality work is to keep a high standard of the records registered in DiVA. To maintain the high quality, LiU E-Press has developed special programmes that check the records in DiVA. If there is any missing data, the programme creates a list with information what is missing and these records are then corrected.

When the old publication database was closed all records were imported into DiVA and among the records there were about 800 records with Ph.D. theses. These records were poorly filled in with a lot of missing information. In 2012 LiU E-Press began to go through these records correcting and filling in missing data. In December 2012 the smaller series and two of the main series were completed and the rest will be finished in the early spring of 2013.

In February 2012 a [registration policy](#) (in Swedish) was created and published on LiU E-press web site as a pdf file. The policy is an important tool for authors and staff at LiU, to make the registrations registered material consistent and preserve the records on a high quality level. The document is continuously updated.

2.7 Databases

Another historical database was added to LiU E-Press' collection: [Soldier's Register](#). The Soldier's register is a national database freely available for all with an Internet connection (Open Access). All registering is done on a none-profit base by associations or private persons around Sweden. The database comprises *The Younger Allotment System* with soldiers enlisted between 1682 and 1901 and contains circa 446 409 records. The database is not complete and new soldiers are registered continuously and new information is added about already register soldiers.

2.8 Initiatives

2.8.1 OA monographs

LiU E-Press is leading a project jointly funded by VR, RJ and KB with participants from Lund University, Gothenburg University, Stockholm University and Uppsala University to propose a national solution to issues with academic book publishing in Sweden. The project started at the beginning of 2012 and a [Progress Report](#) was released in October. The objective of the project is to propose a national-level system that will allow books produced from Swedish universities to be Open Access and to have gone through a peer-review quality-control process (and hence to get national and international recognition). Workshops with many of the key actors including funding agencies, Swedish publishers, Boards (nämnd) for *Acta Series* were held and the response has been very positive on all fronts. Because of the paradigm shift being proposed, a number of university managements (universitetsledning) are now closely following the project in Sweden. Furthermore the project has led to invitations to participate in the development of an EU-level project with similar objectives and an invitation from the Austrian national research funding agency to set up a workshop with Austrian funding agencies, publishers and universities to hear about the E-Press-led project and to explore solutions for open access academic book publishing (the workshop is planned for March 6th, 2013, in Vienna).

2.8.2 ISI Corrections

The bibliometrics group, through its work with ISI and with its contact with LiU's researchers, noticed that there is a significant error rate in ISI's citation database. Examples include missing publications, incorrect/missing affiliation, missing authors, missing citations. All of these cause Linköping University's results in bibliometrics analyses to be lower than they could be. All universities suffer from the same problem, presumably to similar extents; however, looking from another angle, if LiU could correct a significant fraction of these problems, then it would have a definite advantage over other universities. While we have no way of knowing the extent of this problem precisely, we estimate, from international studies of ISI and its error rate, that a 5% increase is not unrealistic.

When problems exemplified above are known, the bibliometrics group has successful experience with getting corrections implemented at ISI. The challenge is identifying the problems. To date this has been randomly, either the bibliometric group has noticed issues in ISI or researchers have contacted the group after noticing inconsistencies themselves. A more systematic approach is needed: a person is needed to work their way through the publications for LiU's researchers (or at least as a beginning, the more productive ones), comparing rec-

ords in DiVA with those in ISI, comparing source documents against ISI and comparing Scopus records (including citations) with those in ISI. Discrepancies would be reported to ISI in the standard manner (they have a web form).

2.8.3 Extended Parallel Publishing

One of the bigger (real) stumbling blocks for parallel publishing is the lack of information about what a lot of HSS journals and publishers have for self-archiving policy. At the same time we have built up (*ad hoc*) a small database of “not in Sherpa”. Towards the end of 2012 we started a more structured approach by listing from DiVA all journal articles for which a match in Sherpa/Romeo could not be found. The journals involved are currently being contacted to determine their self-archiving policies. At a later date this will be extended to publishers. Once the information is collected, the email reminder system that we use (currently based on ISI publications) will be developed to use newly registered publications in DiVA.

2.9 SwePub

LiU E-Press participates in a national working group for the development of format specifications for import to and export from SwePub. The working group began its work at the beginning of 2011 under *Sveriges universitets- och högskoleförbund* (SUHF). Three meetings were held in 2012. LiU E-Press is probably the first to make systematic use of SwePub, in its publication portfolio for Energy Systems.

2.10 ScienceNet

[Sweden ScienceNet](#) is an initiative to improve the management of information on Swedish research activities and results. LiU E-Press is participating in the work with a member in the operational group. The group had three meetings during 2012, two in Stockholm and one via Skype.

3. Bibliometrics

A significant focus of 2012 for the bibliometrics group was to generate reports to support the Rector’s visits to all of Linköping University’s departments. The Rector’s visits focused mainly on overall analyses and there has been subsequent follow up with a few departments for a more detailed breakdown.

2012 also saw a large number of requests for individual-level analyses, for example for LiU’s “contract professorships” and “research assistants” (FoAss).

In 2012 the bibliometrics groups was also given the continuing assignment to analyze in detail world university ranking lists, to interpret results and provide guidance on possibilities to improve.

A large number of seminars about bibliometrics and publishing strategy were held, each customized for the inviting group. The bibliometrics group also participated in graduate courses at IFM and the Faculty of Health Sciences.

At the national level, Ingegerd Baurén and Johan Toll represented LiU in Sweden Science Net and from the Fall, Ingegerd also represented LiU in SUHF’s bibliometrics working group.

4. Visiting Studies

The work at PI is noticed nationally and two universities performed a visiting study at PI: Karolinska Institute and Royal Technology Institute. It is our work in general which is observed. Particularly many of our services towards our researchers and students is of interests and our work with bibliometrics, quality of metadata in DiVA, parallel publishing and the programme for checking metadata in DiVA.

We have also had close contacts with the Swedish National Road and Transport Research Institute regarding questions joining the DiVA consortium and questions concerning electronic publishing issues in general.

5. Plagiarism and Copyright

The plagiarism group at LiUB provided ongoing advice to students, teachers and researchers about both plagiarism and copyright issues. The group's [information resources](#) under the library's web page were increased in both English and Swedish. Information sessions were held for a large number of groups.

6. External Activities

6.1 Participation in OA.se

David Lawrence represented LiU on OA.se's working group for advising and information. Further, DL was appointed to the steering group for OA.se.

6.2 Information Meetings

A large number of presentations were held during 2012 with the goal to increase the knowledge and about the resources and competence that are available at PI. The purpose of most of these meetings was to inform about electronic publishing, how it is done and about copyright and plagiarism.

6.3 Mötesplats Open Access 2012

Together with the National Library organized PI the conference *Mötesplats Open Access 2012*, in Norrköping, March 14-15, a conference on *OpenAccess/OpenArchive* issues. Two international keynote speakers, Eelco Ferwerda and Peter Millington participated. David Lawrence, Håkan Andersson and Steingrímur Jonsson from PI did one presentation each. In total the conference had 112 participants from all over Sweden.

6.4 Conferences 2012

- SND-meeting (Svensk Nationell Datatjänst). Gothenburg, February 23rd.
- Workshop. Organizer: *LDB centrum* (Långsiktigt Digitalt Bevarande). Luleå, Sweden, April 2nd–3rd.
- Bibliometrics at the Crossroads – Seminary at Chalmers, Gothenburg, Sweden, May 23rd.
- Workshop om den norska modellen (Workshop About the Norwegian Model), University Library, Sweden, June 13th.
- STI Conference and Global Text Mining Conference - Montreal, Canada, September 5th.
- CHALS – Seminar at Chalmers, Gothenburg, Sweden, September 26th.
- DL presented at OA.se Workshop on Parallel Publishing, Stockholm, Sweden, October 4th.
- Nordforsk Workshop on Bibliometrics for the Social Sciences and Humanities – Helsinki, Finland, October 10th–11th.
- Nordic Workshop on Bibliometrics and Reserach Policy – Helsinki, Finland, October, 11th–12th.
- Open access to research data. Seminary organized by Open Acess/DIVA Helpdesk, *Enheten för digital publicering*, Uppsala University Library. Uppsala, October 22nd.

- David Lawrence presented at OA.se Workshop on OA Journals, Stockholm, October 25th.
- DDI-workshop (Data Documentation Initiative). Organizer: SND. Gothenburg November 28th-29th.