

**Linköping University
Publishing Infrastructure**

Activity Summary, 2011



Linköpings universitet

February, 2012

Annual report 2011

1. Organisation

Håkan Andersson joined Publishing Infrastructure to work with issues around publication registration and quality control. With increasing publications registered in DiVA (e.g. for bibliometrics, for increasing the visibility of LiU's research...) there has been a significant increase in the requirement for high-quality data in the registration system.

During 2011 an advertisement went out for an additional employee within PI, to work with international university ranking systems. Because of internal complications within LiU, this process was terminated by the Rector, but position is still seen as important to LiU.

The steering group for E-Press gained a representative from LiU's Communication Department, Monica Westman Svenselius. Additionally, the library's representative, Lise-Lotte Thornell retired and was replaced by Axel Tiderman.

2. LiU E-Press

2.1 Publications

2011 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 2011:

Table 1. Number of published publications

Publication type	Number
Undergraduate theses	7362
Ph.D. Theses	1101
Licentiate Theses	360
Research Articles	1975
Book/Anthologies	72
Chapters	174
Reports	444

For 2011, the number of undergraduate theses published in fulltext was 931, which is a significant increase over previous years. This is mainly the result of a concerted effort by Peter Berkesand working with the University's departments and with the Library's contact librarians.

Parallel publishing has also continued to increased, with 790 articles being parallel published in 2011.

Over 2011, there were some 1 200 000 downloads of pdf files from DiVA, a continued and significant increase from the year before.

2.2 Journals

The European Journal for Research on the Education and Learning of Adults (RELA) published two issues in 2011 with a total of 15 articles. International Journal of Ageing and Later Life published 6 articles, Hygiea Internationalis contributed with 8 articles and Culture Unbound published 28 articles.

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

2.3 Conference Proceedings and Series

Eight Conference Proceedings were published during 2011 of which one was the large international proceedings for the World Renewal Energy Conference, with some 650 contributions.

Notable for 2011 is that LiU E-Press' Conference Proceedings Series became ranked as level 1 in the Norwegian database of publishing channels. This means that conference articles published within the series "count" in Norwegian-style bibliometrics analyses.

Many series had continued activity during 2011 and a large number of existing series in print were published electronically in order to increase their accessibility and be more visible.

2.4 Webpages

In 2011, LiU E-Press launched its publication portfolio service, a function with similarities to the "overlay journal" concept. For larger research groups or areas, their publications are displayed in a journal-like format with a "volume" for each year, with free graphic layout. A number of cases have been set up: *Center for Medical Image Science and Visualization (CMIV)*, *Thin Film Physics*, *Forum Scientium* and *Sensor Science and Molecular Physics*. At the end of the year, the idea was extended somewhat for Energy Systems, where it was desired to showcase publications from LiU, Göteborg, Stockholm... and so SwePub is being used as the basis for the latter.

Publication checker is a new service where authors can check that their publications are registered and have complete and correct information. Two options are available: publications can be listed via an LiU-ID or via a unit within LiU/LiO's organization. In both cases, the year range of interest can be specified.

Create Affiliation for an Article is another new service. This was developed from the confusion that existed about how one should write one's LiU affiliation on an article, in light of bibliometrics-type analyses. This service also allows researchers to check whether E-Press has correct and complete affiliation about them in its system.

Hot Articles creates a list of those articles from LiU that have had the most citations in the last three months. A link to Web of Science shows which articles are doing the citing.

E-Press created a summary page for LiU's Communication Department, which collects the latest theses, articles, books etc. from LiU researchers.

E-Press is often asked whether it can produce templates for various publication types. In 2011, a template for Ph.D. theses was created. With time, templates for series reports, conference articles and manuscripts will be created. Templates can be downloaded and then used as is, or modified to suit local needs. The templates include tips on correct referencing and handling of graphics and images.

Through the increased use of bibliometrics analyses, PI was getting increasing numbers of questions from researchers about how to choose a journal for publishing an article in. This information has been collected into a checklist and published. It includes information on known questionable journals.

LiU E-Press' web pages are constantly being updated and improved, to make them as user friendly and useful as possible. The goal in 2011 was to make as much of the material accessible from the menu as possible.

2.5 The Publication System DiVA

LiU E-Press is working for high quality of the registered records and we are very active within the DiVA consortium in order to introduce improvements in the publication system. Several major improvements were carried out during the year to increase the quality of the records. Some of the more significant are:

1. Mandatory fields were introduced to increase the quality of registrations
2. “peer reviewed” was added as an option for books and chapters
3. Improved searching
4. A field for internal notes or comments was added to publication records
5. The list of national subject categories was updated
6. A new field to indicate external collaboration for undergraduate theses was added
7. The possibility to hide work classified as secret
8. Import and export functionality was improved
9. Art was added as a publication category
10. The administrator interface was improved.

LiU E-Press has actively participated in the development work of DiVA, making many suggestions which have been implemented through the close coupling with those using DiVA (e.g. researchers, the bibliometrics group...).

2.5.1 Meetings within the DiVA Consortium

A two-day meeting occurred in Umeå and separate meetings for system owners and the quality group.

2.5.2 Print-on-Demand

The specifications for Print-on-Demand (POD) were finalized in 2011. LiU E-Press has worked closely with LiU’s printing service to sketch a system from order through to printing and delivery, for a reasonable price. It is planned to implement the system under 2012.

2.5.3 Import of undergraduate theses to the library catalog

On an initiative from LiU E-Press, a small script was developed which allows student theses published at LiU E-Press to be catalogued with only minimal manual intervention.

2.5.4 Export of data from DiVA

There has been a significant increase in the use of DiVA and this has brought with it an increase in interest in taking data from DiVA in the form of “custom made” publication lists and files. There is interest from across LiU, but mainly from the Health Sciences Faculty and Landstinget. The latter use the information for internal budget work.

To make it possible for DiVA to be used for this type of activity, PI must work continuously with increasing the quality of registrations in DiVA. It is also important that changes in LiU’s organization are quickly reflected in DiVA.

2.6 Databases

Another historical database was added to LiU E-Press’ collection: Inventory over churches in Linköping parish 2004-2007. Included are more than 450 churches and burial grounds.

2.7 Initiatives

A proposal, led by LiU with involvement from GU, SU, LU and UU, to study the concept of a national quality-control entity for academic monographs in Sweden was made to the OpenAccess.se programme of the Royal Library. With co-funding from *Vetenskapsrådet*, *Riksbankens Jubileumsfond* and the *Royal Library* this project has been approved and work will begin in 2012.

An initiative was also developed to set up a centralized fund for open access publishing at LiU, to be administered by PI. The proposal received wide support from LiU's administration, however, was not funded for a start in 2012.

2.8 SwePub

LiU E-Press is part of the national workgroup for development and format specifications for MODS import and export to/from SwePub. The group began working at the beginning of 2011 under the jurisdiction of *The Association of Swedish Higher Education* (SUHF). The objective is to increase the standards for SwePub's data, under the belief that SwePub will become, at least in part, a key resource for Sweden's national research funding allocation model.

3. Bibliometrics

Activities and the profile of the bibliometrics work have continued to increase. During 2011, workshops/training sessions were held for a number of international groups. A 2-day workshop was given for BalTech in Riga, with participants from Estonia, Latvia and Lithuania. This was followed up with a 2-day consulting session with Riga Technical University. Further, groups from Alto University, Örebro University and Linnaeus and Kalmar visited Linköping to learn more about the bibliometrics work at Linköping. The bibliometrics group was also invited to talk at Helsinki University during their research evaluation day.

Many analyses were performed; the more significant of which being for *Department for Computer and Information Science, Department for Studies of Social Change and Culture, Department of Medical and Health, Department of Mathematics, Tema Institute, Swedish Institute for Disability Research, Hearing and Deafness and Centrum för Kirurgi, Ortopedi och Cancervård*. Additionally, the bibliometrics group participated in the FAS study of Swedish disability research, which was headed by Jerker Rönnerberg.

Any number of seminars was given, some examples being to Remeso, *Department for Computer and Information Science, Department of Medical and Health, Center for Medical Image Science and Visualization, Nursing, Forum Scientium*, graduate courses at the *Department of Physics, Chemistry and Biology* and the *Medical Faculty*.

4. Plagiarism and Copyright

In 2011 the plagiarism group became active. There was some initial flux in membership but by the end of the year had stabilized to include Maria Sveningsson, Kajsa Gustavsson Åman, David Lawrence, Anna Pettersson and Mikael Rosell. The group was developed a set of webpages designed to be of support to students, teachers and researchers. The groups has also given seminars for *Department for Computer and Information Science, Department of Science and Technology, Junior Faculty Club, Department of Physics, Chemistry and Biology, Department of Medical and Health...* and lectures as part of a few undergraduate courses. Contact has been made with LiU's Disciplinary committee, *Centre for Teaching and Learning* and the language labs.

5. Data Archiving

The work with research data archiving started October 1 2010 in cooperation with LiU's Archive Department. Several researchers were contacted, partly through LiU's Grants Office. These researchers were informed about the planned work and asked to participate with their project's research data. The data is of varying type: some huge datasets from visualizing

projects to files containing statistical data in digitized form and even some analogue recordings on analogue tapes and some paper copies of written or printed texts.

Through *Swedish National Data service* (SND) at Gothenburg University together with Swedish Agricultural University the DataVerse-system that has been developed at Harvard University in cooperation with MIT was evaluated. At Harvard, DataVerse is now running with nearly a 1000 datasets. A trial was set up at LiU, however it proved to not be suitable for LiU. Instead focus was set on the university's own archiving system, LiU-DOK as a basic system. Studies of metadata structure are continuing.

6. External Activities

6.1 Information Meetings

A large number of presentations were held during 2011 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.

6.2 Bok & Bibliotek, Göteborg

LiU E-Press participated in *Bok & Bibliotek* in Gothenburg together with the Faculty of Arts and Science, with whom we also shared the display case. We had many visitors, mainly by researchers, teachers from High Schools and an interested general public. The visitors use our databases, our web page about copyright, searching student theses in DiVA and publications about pedagogy and bullying.

6.3 Mötesplats Open Access 2012

PI has been involved, together with the Swedish Royal Library, with the organization of *Mötesplats Open Access 2012*, a conference on *OpenAccess/OpenArchive* issues to be held in Norrköping, March 14-15 2012.

6.4 Conferences 2011

APE 2011, Berlin

ELPUB 2011, Istanbul

COASP, Tallin

PKP conference, Berlin

Metrics-meeting, Lund

Nordic workshop on bibliometrics, Aalborg

NordForsk seminar, Copenhagen

ENID & STI-Conference, Rome

Symposium on University Rankings and Quality Assurance in Europe, Brussels

Creating and Communicating Digital Content, Umeå

EDDI (European Data Documentation Initiative), Gothenburg, SND