

Repository Profile:

TU Delft Repository

History of the Repository

TU Delft Repository started as an online database for dissertations in 2003. This online database can be seen as the predecessor of the current Institutional Repository. The movement to Open Access was pushed forwards through the National project Digital Academic Repositories (DARE) in 2004, under supervision of SURF. TU Delft Repositories are the digital source of public scientific publications (full text) of TU Delft and partners. Repositories make an important contribution to the national and international profile of TU Delft and the pursuit of knowledge valorisation and internationalisation. The Institutional Repository was enlarged over the years with subject- and hosted repositories. The [TU Delft Image Archive](#), the online storage and sharing facility for multimedia materials at TU Delft was established in 2009. This collection contains 27.000 digital photographs, digital images, audio and video files and features both recent and historical materials. All images are in one way or the other connected to the TU Delft.



<http://repository.tudelft.nl>

Approximately 72.500 items currently housed in the repositories, including all types of institutional materials except learning objects.

Platform: Fedora

TU Delft Repositories are built entirely with open source software components. Administrative and user interfaces are build with Django, a Python web framework. The search engine is SOLR/Lucene. The OAI-PMH data provider is based on Infrac's MOAI server (also Python). Everything runs on Linux servers.

TU Delft does not have an institutional mandate for self archiving.

“...Repositories make an important contribution to the national and international profile of TU Delft and the pursuit of knowledge valorisation and internationalisation...”

Current Efforts

The scope of the repositories changed over time. Started as a single source for dissertations, this year there will be 10 repositories with different metadata, workflows and technical implications managed by TU Delft Library. The overall challenge will be the set-up of a clear distinction and presentation between scientific content, educational content, heritage content and raw data in a coherent way. The repositories will maintain an individual interface but are aggregated in [Discover, the online interface of all TU Delft Library content](#).



The screenshot shows the TU Delft Institutional Repository homepage. It features the TU Delft logo and the text 'Institutional Repository'. There are three bullet points: 'Submit a Student Thesis (BSc/MSc)', 'Submit a Dissertation (PhD)', and 'Submit a Publication'. Below these is a search bar with a 'Search' button and an 'Options' link. A link for 'Help and search tips' is also present. The 'Recent submissions' section lists several articles and dissertations with their titles and authors.

COAR Repository Observatory

<http://www.coar-repositories.org/working-groups/repository-observatory/>

TU Delft Repository

Promoting Open Access & the Repository

TU Delft has a variety of activities in order to promote Open Access. These efforts are made visible through the Library website, corporate website, during meetings of researchers, presentations, courses on information skills, use of social media as Facebook, Twitter, Flickr, on national and international conferences.

TU Delft has one of the most unusual programs connected to Open Access: for every 2,000th publication deposited in the repository, the institution donates a goat to a family in Bangladesh through Oxfam Novib. As they explain:

Scientists fill the Repository with knowledge, but they can also make use of the knowledge it contains for the further benefit of science and humanity. TU Delft also reaps the rewards of making scientific material available through greater name recognition both on and off campus. The benefits are so great, that we want to give something back to the world... A great deal of thought went into the decision to donate goats through this charity: goats mow the grass and fertilize it so that it grows again and they can continue eating. Goats are a great benefit to these Bangladeshi families: they invest in the goat and they get something in return.

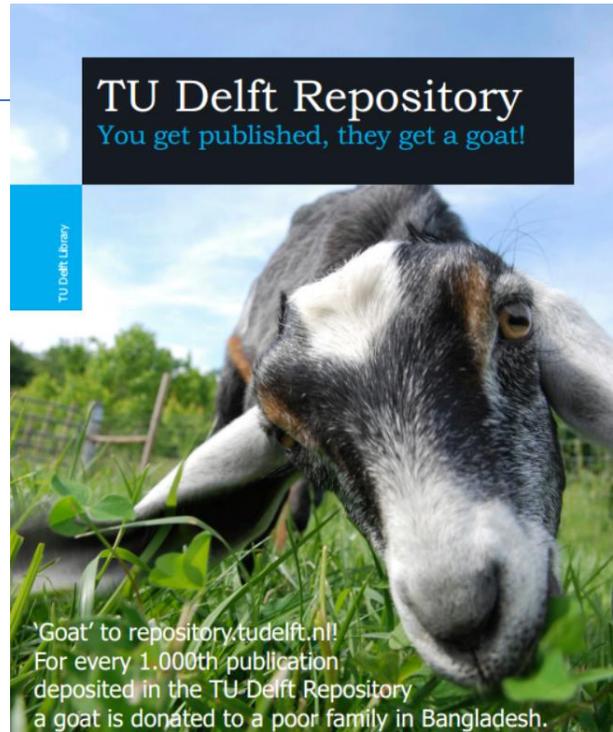
Through these donations, the library makes Open Access personal by celebrating milestones with active participants. So far, 11 animals have been donated to Oxfam through this program. [The photo shoots and quotes from researchers](#) about the donations are made public in the Delft Repository Image Archive.

TU Delft is an active partner at the annual Open Access week in October. In this period of the year lectures and other activities are organized at local and national level. In 2012 during the OA week the symposium [Participation in Research: Open Access for scientists in the global south](#) at the National Library was partly organized and co-financed by TU Delft Library.

TU Delft is also a participating member of the Open Education Week. The purpose of the Open Education Week is to raise awareness of the open education movement and its impact on teaching and learning worldwide. Participation in all events and use of all resources is free and open to anyone. TU Delft is a proud member of [Open Course Ware](#), free and open digital publications of high quality university-level educational materials.

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“...We make Open Access personal....”

Additional Resources

[Providing Digital Object Identifiers \(DOIs\) for different types of digital content in the repositories](#)

[Customized Copyright website with lots of attention on Open Access issues](#)

[Open Access Fund in in order to promote Open Access](#)

[Use of aggregators that show the work at a national scale, as is done in NARCIS, the portal of scientific research in The Netherlands](#)

[TU Delft Repository policies](#)