

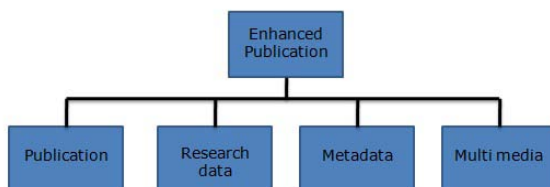


Enhanced Publications

The possibilities offered by the Internet have given researchers and teaching staff broad and easy access to scientific/scholarly sources. It is not only publications that have become available but also such elements as the underlying data, models and algorithms. Adding the underlying research data and models to a publication makes it easier to verify, reproduce, and re-use the results of research.

What is an Enhanced Publication?

An enhanced publication is a publication – usually a text – that has been enhanced with additional material. The publication may be an article in a journal, a thesis, a report, a memorandum or a chapter in a book. It must involve scientific or scholarly research and contain an interpretation or analysis of primary data or something derived from it. The supplementary material may consist, for example, of research data, models, algorithms, illustrative images, metadata sets or post-publication data such as comments or rankings. The option of changing post-publication data allows an enhanced publication to develop over the course of time.



An enhanced publication may also make use of other enhanced publications and the associated data sources. One enhanced publication can therefore form part of another.

Collaborating on the infrastructure

SURFshare collaborates with universities, Data Archiving and Network Services (DANS), the National Library of the Netherlands (KB), the 3TU Data Centre and other relevant organisations and institutions in developing an infrastructure for enhanced publications. There is also a great deal of collaboration with international partners in the context of Knowledge Exchange (JISC in the United Kingdom, DFG in Germany, DEFF in Denmark) and within the DRIVER II project, which is financed in the context of the European Commission's Seventh Framework Programme (FP7).

Projects

As part of the SURFshare programme, two projects started in 2007 and five in 2008 that involve experimentation with enhanced publications: how to create them, store them, access them, etc. More information about these projects can be found at www.surffoundation.nl/surfshare/tenders.

Publishing an enhanced publication

A number of scholarly journals are investigating the options offered by enhanced publication. If you are interested in publishing your work in the form of an enhanced publication, you can get advice and support from your university library or media centre, or from SURFfoundation.

Want to know more?

Web: www.surffoundation.nl/surfshare

Contact: project coordinator John Doove at doove@surf.nl or on +31 (0)30 234 6600.

Onderzoek, zowel wetenschappelijk als toegepast onderzoek, is onder invloed van ICT aan veel verandering onderhevig. Met ICT en internet zijn er veel mogelijkheden bijgekomen voor het doen van onderzoek, het toegankelijk maken en verspreiden van de resultaten, het hergebruiken en voortbouwen op eerdere resultaten. Het SURFshare programma ondersteunt dit door een infrastructuur te realiseren die de toegankelijkheid en de uitwisseling van onderzoeksinformatie bevordert.

SURFshare werkt aan vernieuwing van de samenwerking op het gebied van onderzoek, het samenstellen van complexe ('verrijkte') publicaties en het review- en publicatieproces. In dit proces veranderen de rollen en taken van onderzoekers, lectoren, instellingen, universiteits- en hbo-bibliotheken en uitgeverijen. Het onderzoek- en publicatieproces raakt nog meer verweven. Hierdoor en door de toegenomen mogelijkheden op het gebied van kennisdeling en disseminatie, verdwijnt het harde onderscheid tussen onderzoeksdata en de 'traditionele' publicatie als onderzoeksoutput.

Om de volle potentie van onderzoek te benutten, streeft SURFshare naar open toegang tot onderzoeksresultaten. Zeker daar waar onderzoek is uitgevoerd met publieke middelen.

SURFshare is een vierjarig programma van SURFfoundation. In SURFfoundation werken hogescholen, universiteiten en onderzoeksinstellingen samen aan grensverleggende ICT-innovaties om de kwaliteit van hoger onderwijs en onderzoek te verbeteren.

Meer informatie is te vinden op www.surffoundation.nl/surfshare

Research - whether scientific, scholarly or applied research - is, due to IT, subject to extensive change. IT and the Internet have opened up many possibilities for research, for distributing the results and making them accessible, and for reusing and building on previous results. The SURFshare programme contributes to creating an infrastructure for modern scholarly communication and open access to research results.

For SURFshare, a system of repositories forms the basis for further innovation in scholarly communication and collaboration in research, for the construction of complex ('enhanced') publications, and for the process of reviewing and publication.

SURFshare is a four-year programme organised by SURFfoundation. SURFfoundation unites research universities, universities of applied sciences and research institutions. All of these collaborate on innovative ICT projects to improve the quality of higher education and research.

For more information, check www.surffoundation.nl/en/surfshare

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