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# **Publishing in Perpetuity;**

*The scholarly communication chain as part of the  
e-Science Infrastructure*

**Eefke Smit**



**Director, Standards and Technology**

**International Association of Scientific, Technical  
and Medical Publishers**

***stm***

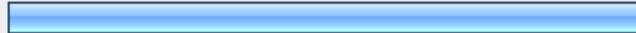
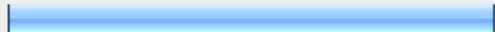





# What do scientist want.....

**43. Do you think it is useful to link underlying digital research data with formal literature?**




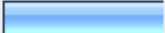


	Response Percent	Response Count
Yes 	84.2%	858
No 	15.8%	161
<i>answered question</i>		<b>1019</b>
<i>skipped question</i>		<b>179</b>

**44. Do you want to be credited when your underlying digital research data is used by others?**

	Response Percent	Response Count
Yes 	92.1%	939
No 	7.9%	80
<i>answered question</i>		<b>1012</b>
<i>skipped question</i>		<b>186</b>

17. How do you locate and access digital research data? (multiple answers possible)			
		Response Percent	Response Count
Via colleagues		72.9%	784
Via institutional database and search facilities		56.4%	606
Via general search engines (Google, Yahoo, etc.)		60.9%	655
Via data centers or archives (World Data Center, DANS, National Archives, etc.)		26.1%	281
Via formal literature (articles and book chapters)		61.5%	661
N/A (I do not use data from others)		7.4%	80
Other (please specify)		2.2%	24
<b>answered question</b>			<b>1076</b>
<b>skipped question</b>			<b>123</b>

**29. To which of the following facilities would you be willing to submit digital research data in the near future? (multiple answers possible)**

		Response Percent	Response Count
Digital archive of organisation		62.6%	645
Digital archive (data centre) of your discipline		58.0%	598
Publisher (data combined enclosed with scientific paper).		47.1%	486
External web service (e.g. Google Base, Mozy)		18.2%	188
I do not want to submit digital research data to external facilities		13.2%	136
Other (please specify)		4.1%	42
		<b>answered question</b>	<b>1031</b>
		<b>skipped question</b>	<b>167</b>

# Preservation by Publishers



From the Parse Survey (137/ 186 publishers):

- Total of approx **8800 journals** covered
- **Preservation** is in place for 96 % of journals (8500 titles)
  - 89 % of **large** publishers
  - 56 % of small publishers
- What **should** be preserved:
  - 93 - **95** % of publishers say: research articles
  - **80** - 89 % of publishers say: books
  - **55** - 59 % of publishers say: data and supplementary material
- Are **raw research data** preserved by publishers ?:
  - 1 % yes: via special archive (75 journals)
  - 24 % yes, in the same way as our publications (> 2000 journals)
  - 74 % no: no special arrangements (> 6000 journals)