

Acquisition and distribution of conference proceedings and technical reports on science and technology in Korea

Seon-Hee Lee, Soon-Young Kim,
Beom-Jong You, Heeyoon Choi

Korea Institute of Science and Technology Informa-
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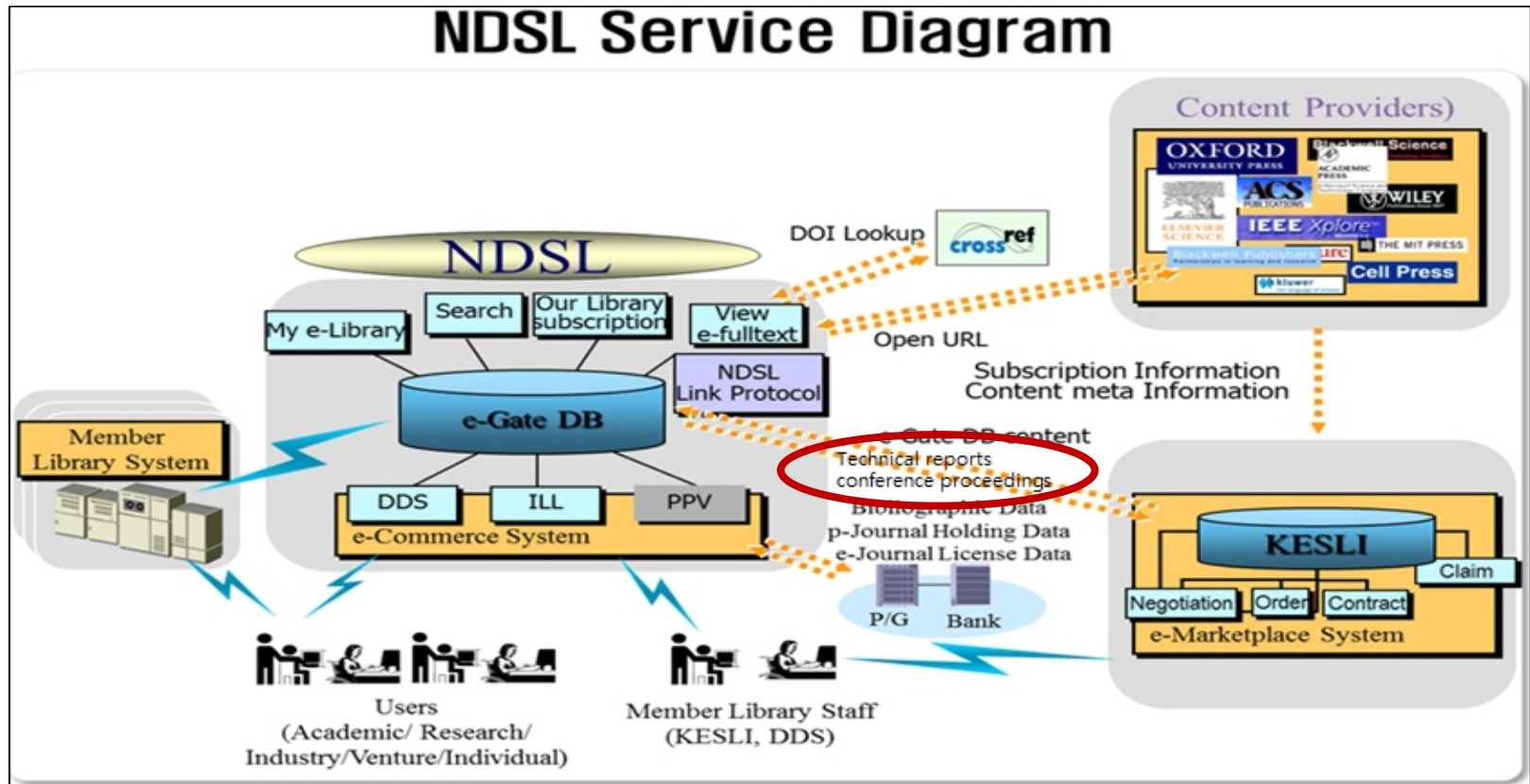
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Needs for GL in Korea

- Survey for grey literature(KISTI, 2006)
 - 38 science & technology institutes participated
 - Grey literature contains cutting-edge STI for research product
 - Important types of GL: technical reports, conference proceedings
 - Difficulties for GL
 - : acquisition 36.5%, identifying & accessing 27.3%, bibliographic control 27.3%
 - : managing 89.5%
 - Most desirable GL: technical reports 32%
 - Most desirable format: electronic format(web) 74.5%(> print format)
 - Most desirable level of records
 - : full-text 57.7%, metadata & abstracts : 32.7%
 - Changing users' needs and research patterns
 - New ways of distributing GL through Social Networking Services
- ⇒ Providing digital and print GL through traditional and new media
- ⇒ Effort to assist R&D researchers in Korea

Acquisition and Distribution of ST GL on NDSL



* NDSL(National Discovery for Science Leaders)

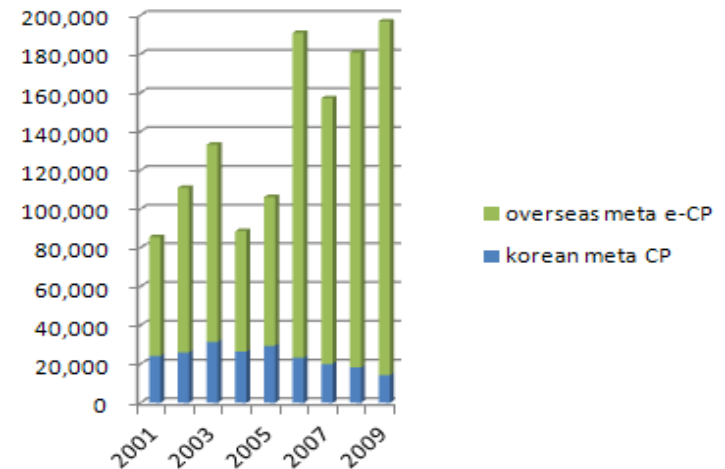
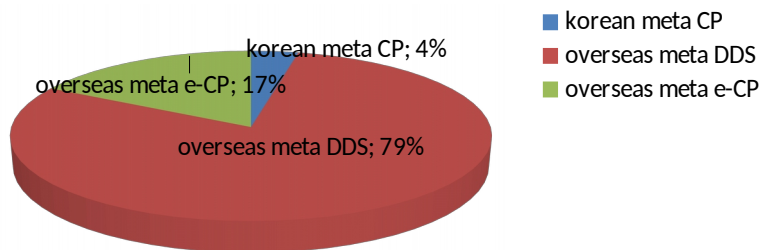
ST Conference Proceedings

<Table 1> Metadata of ST Conference Proceedings

Format	E-Conference Proceedings		Print Conference Proceedings*
Metadata	Metadata of Korean CP	Metadata of Overseas CP	Metadata of Overseas CP for DDS
No. of Metadata	304,935	1,479,345	6,913,399

*KISTI print CP holdings: 16,051 titles

Meta data of conference proceedings at NDSL

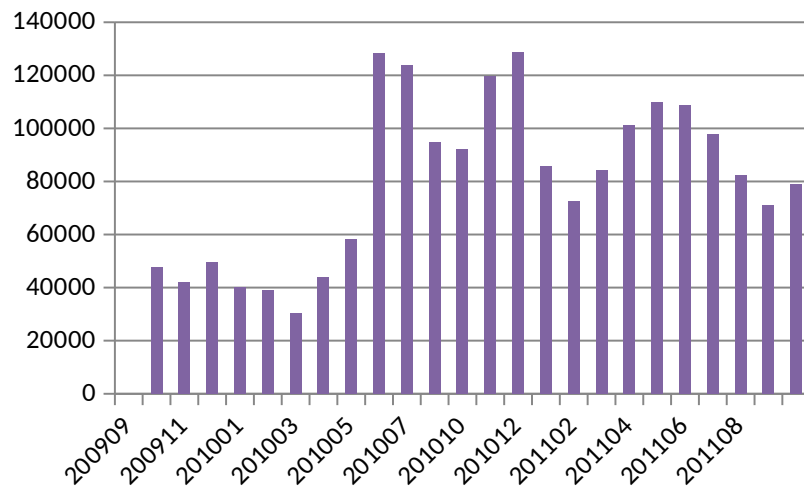


Usage of Conference Proceedings

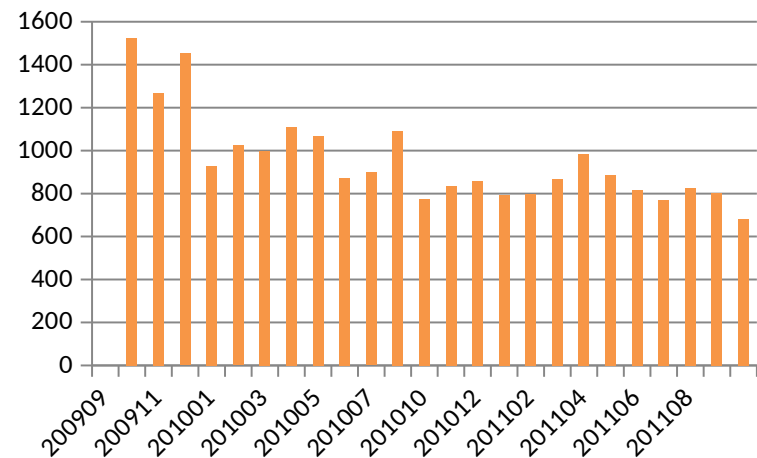
<Table 2> Full-Text Linking vs. DDS on NDSL (2009-2011)

Type of Use	Full-Text Linking	DDS	Total
No. of Records	1,921,150	22,520	1,943,670

No. of linking records



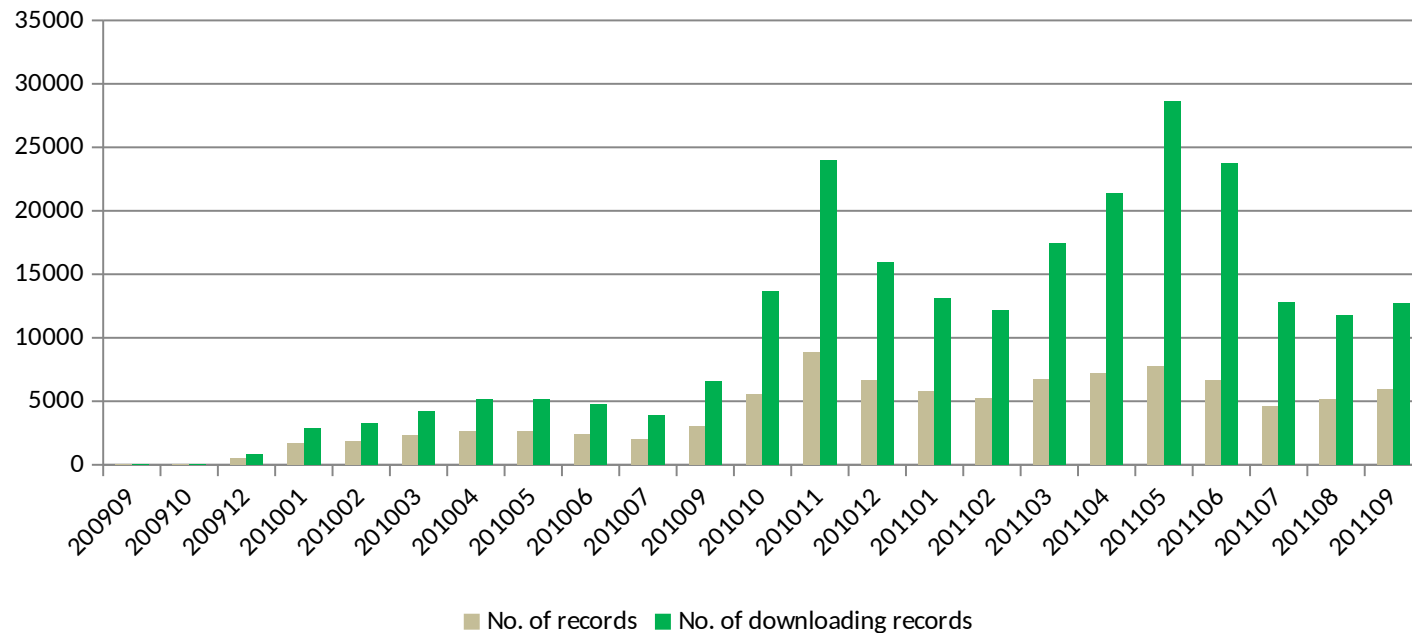
No. of DDS



ST Technical Reports

- Domestic E-Technical Report : 132,732 Records(1983~)
from NTIS(National Science and Technology Information Service)

- Usage of E-Technical Reports(2009-2011)



*from OLAP (Online Analytical Processing, KISTI Statistics System)

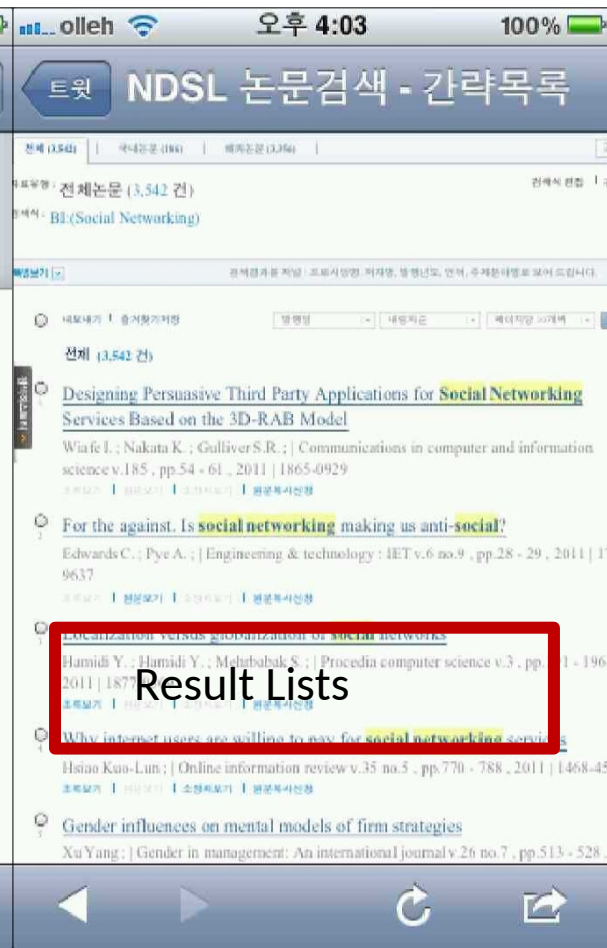
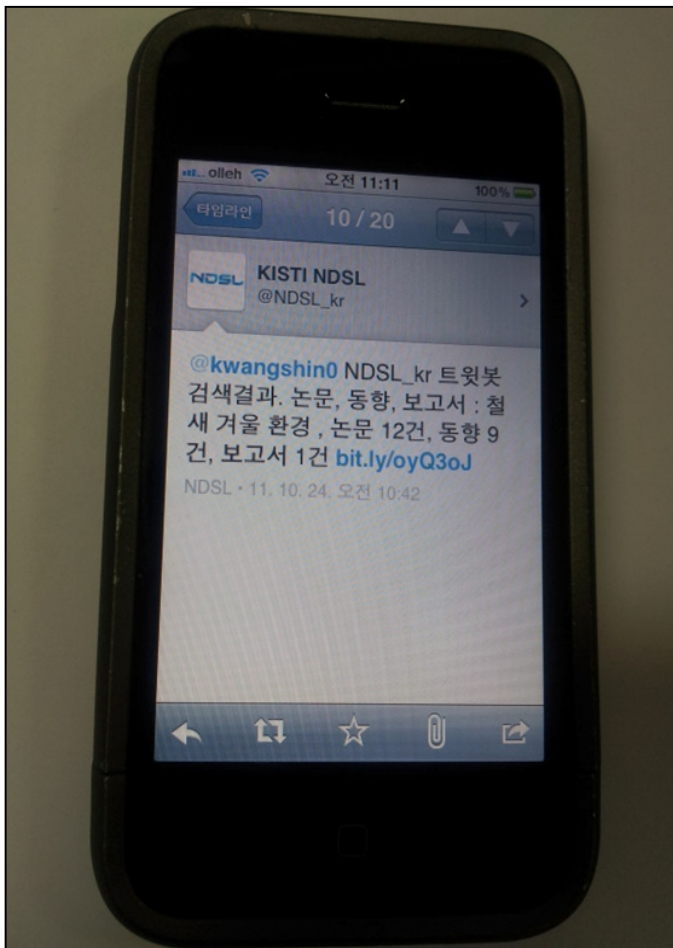
** Print Technical Reports : 53,064 titles, Micro SRIM : 149,955 titles

New Ways for distributing GL : Social Networking Services

Twitter & ndsl_kr twibort



Smartphone and Twitter



NDSL Technical Reports on (Mobile) <http://m.ndsl.kr>



NDSL Interface

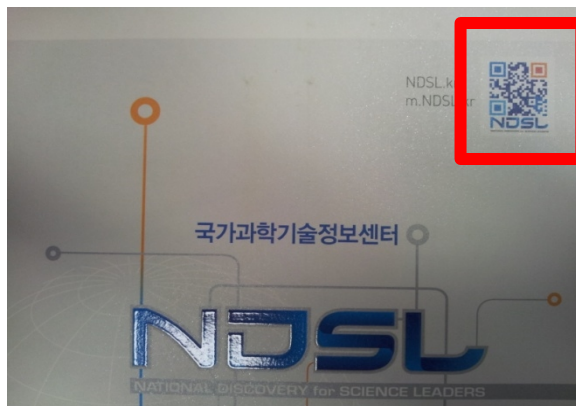


Technical Reports Lists



Abstracts

NDSL Facebook Access using QR code



Book



Website



Smartphone screen



from Grey to White

Issues pertaining to the change from grey to white

- Identifying, making access points and collecting electronic and print GL
- Increasing metadata for GL on the web as an access point
- Providing full-text GL on the web
- Using new tech. and tools for dissemination, e.g., smartphones, iPad
- Participating social networking services: new ways of communication
- Providing other types of GL, e.g., fact data, statistics
- Discovering new types or formats for GL
- Continuing Document Delivery for paper-only GL
- Cooperating with other domestic or overseas GL networks
- Finding and using institutional repository for GL
- Adapting new research environments and channels for ST communication
- Protecting intellectual property

Thank you for listening