

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

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Information

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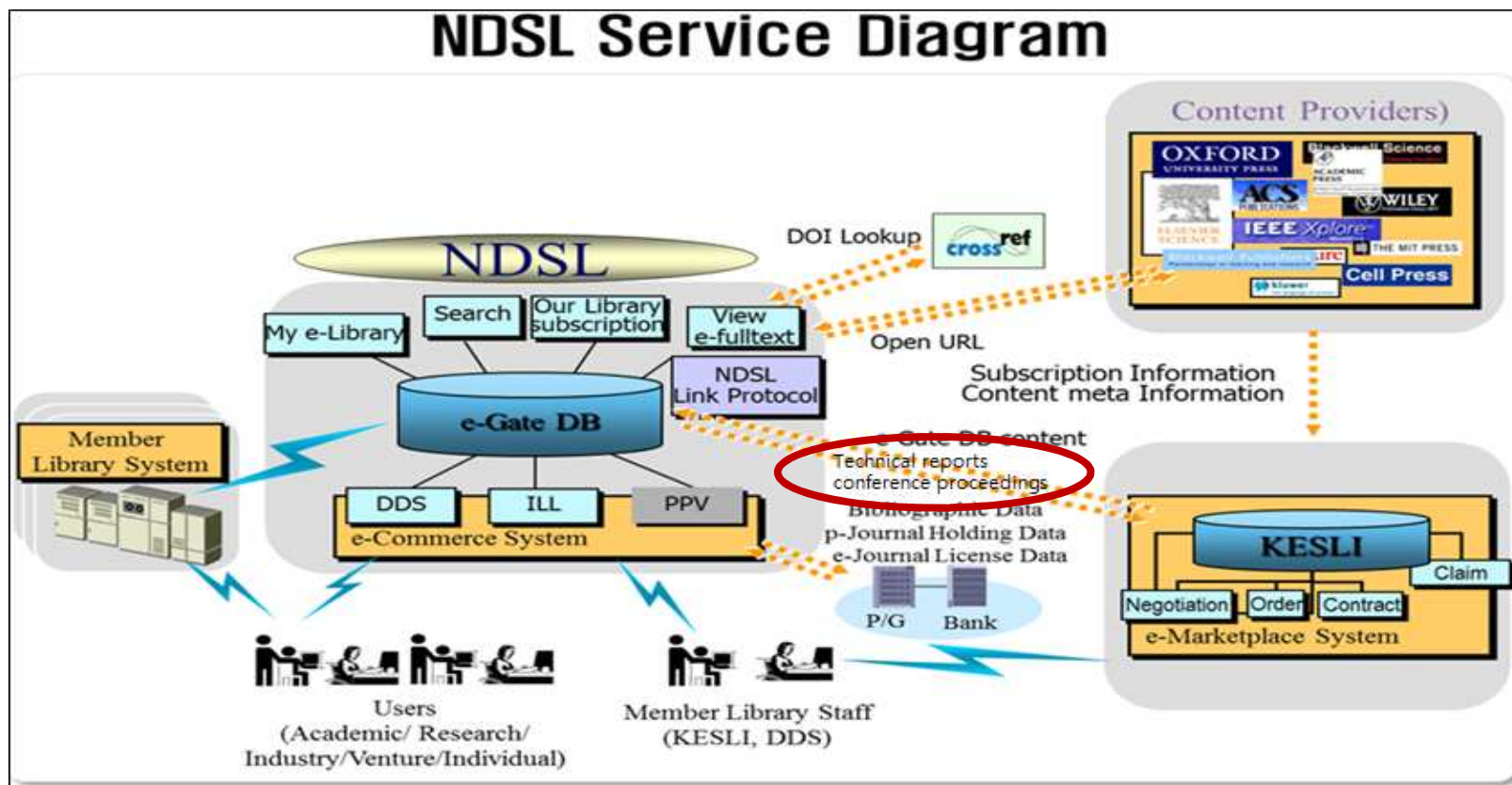
- Needs for Grey Literature (GL) in Korea
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# Needs for GL in Korea

- 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

# Overview of GL in Korea :

Acquisition and Distribution of ST GL on NDSL



\* NDSL(National Discovery for Science Leaders)

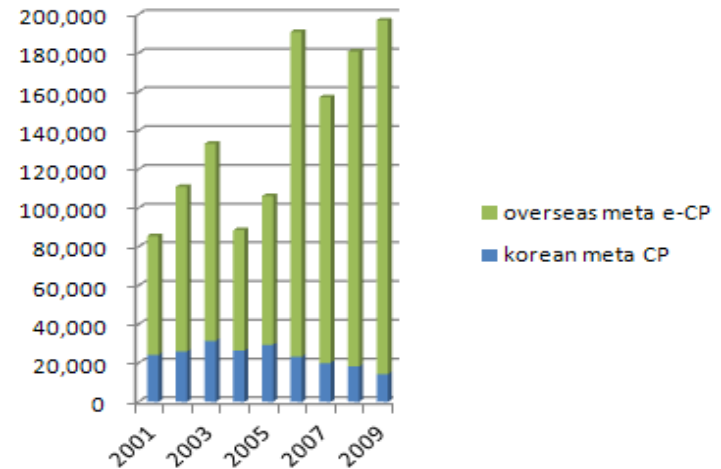
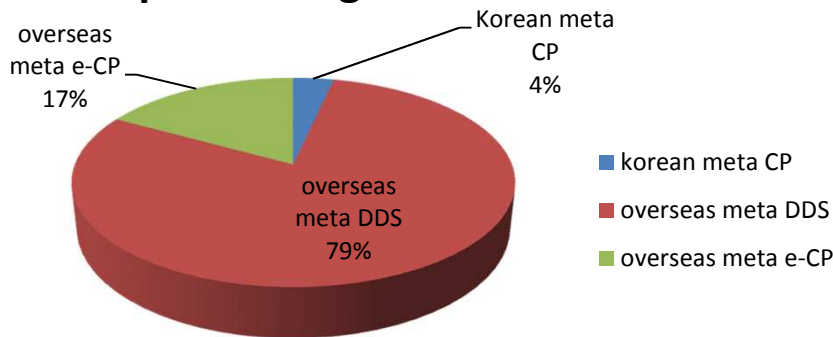
# ST Conference Proceedings

<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

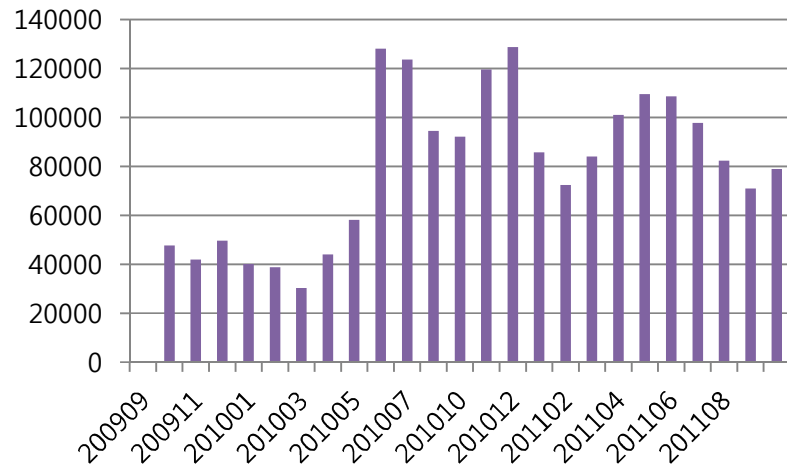


# Usage of Conference Proceedings

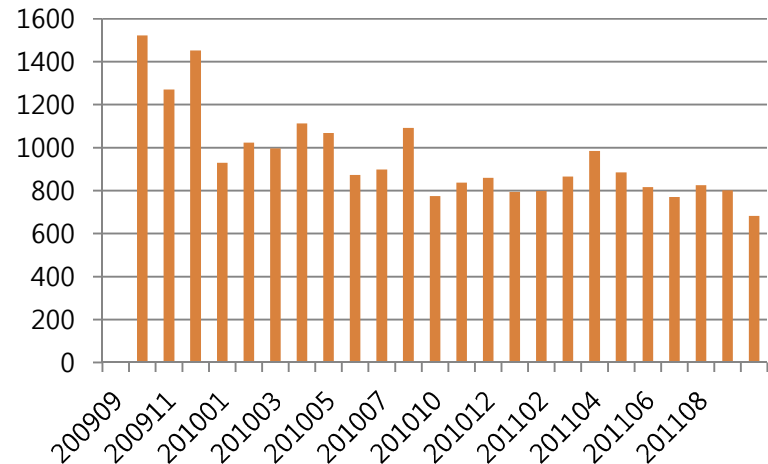
<Table 2> Full-Text Linking vs. DDS on NDSL (2009-2011)

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

**No. of linking records**

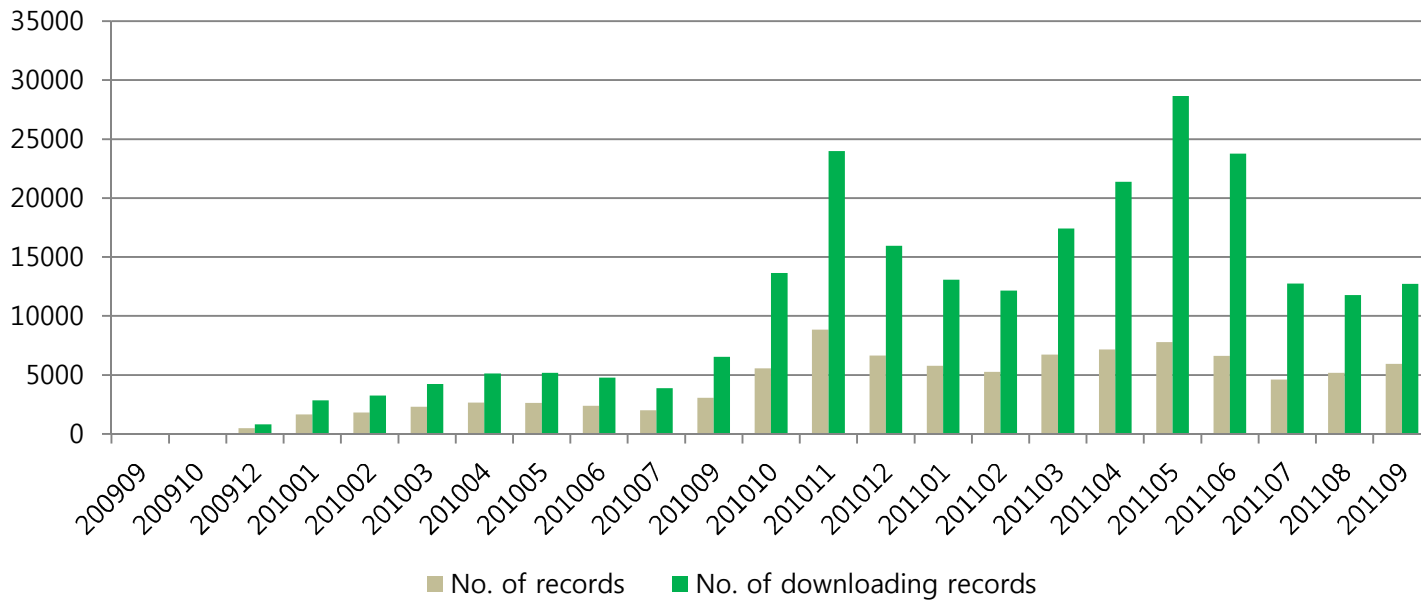


**No. of DDS**



# 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

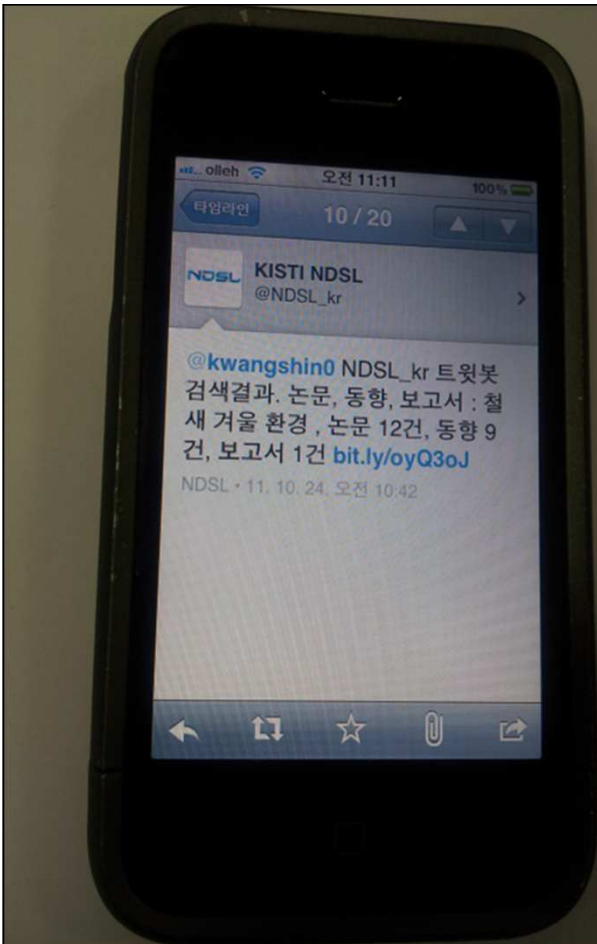
# New Ways for distributing GL : Social Networking Services

Twitter & ndsl\_kr twibort





# Smartphone and Twitter



오후 4:03 100%  
멘션 2 / 4  
NDSL @NDSL\_kr  
@kwangshin0 NDSL\_kr 트윗봇 검색결과. 전체 : Social Networking, 논문 3,542건, 특히 1,727건, 보고서 56건, 동향 213건, 표준 0건 bit.ly/qoBgQ3  
NDSL · 11. 10. 24, 오전 11:23

Search Results

오후 4:03 100%  
트윗 NDSL 논문검색 - 간략목록  
전체 (3,542) | 학제논문 (886) | 해외논문 (3,356)  
전체논문 (3,542 건)  
검색어: BI (Social Networking)  
전체 (3,542 건)  
Designing Persuasive Third Party Applications for Social Networking Services Based on the 3D-RAB Model  
Wiafe I.; Nakata K.; Gulliver S.R.; | Communications in computer and information science v.185, pp.54 - 61, 2011 | 1865-0929  
For the against. Is social networking making us anti-social?  
Edwards C.; Pye A.; | Engineering & technology : IET v.6 no.9, pp.28 - 29, 2011 | 179637  
Localization versus globalization of social networks  
Hamidi Y.; Hamidi Y.; Melfiobak S.; | Procedia computer science v.3, pp.1 - 196, 2011 | 1877-7058  
Why internet users are willing to pay for social networking services?  
Hsiao Kuo-Lun; | Online information review v.35 no.5, pp.770 - 788, 2011 | 1468-45  
Gender influences on mental models of firm strategies  
Xu Yang; | Gender in management: An international journal v.26 no.7, pp.513 - 528

Result Lists

# NDSL Technical Reports on (Mobile)

http://m.ndsl.kr



NDSL Interface

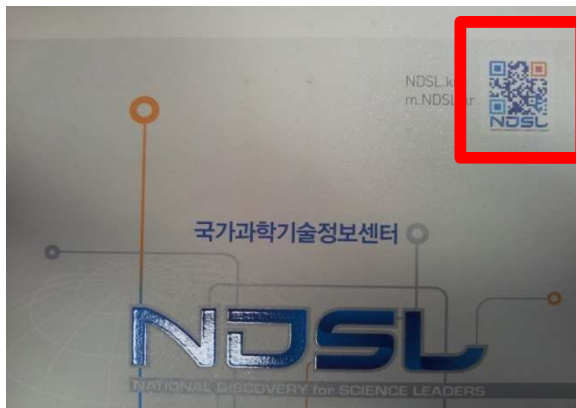


Technical Reports Lists



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