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

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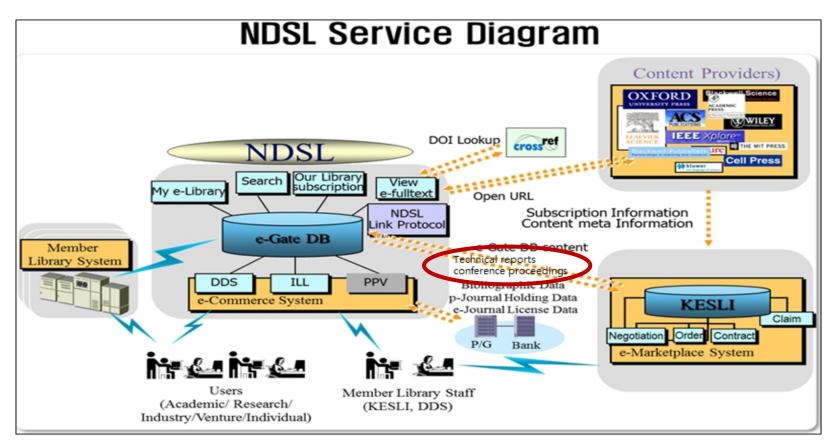
- Needs for Grey Literature (GL) in Korea
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 - : Acquisition and Distribution of GL on NDSL
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Needs for GL in Korea

- 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
- \Rightarrow Providing digital and print GL through traditional and new media
- \Rightarrow Effort to assist R&D researchers in Korea

Overview of GL in Korea :

Acquisition and Distribution of ST GL on NDSL



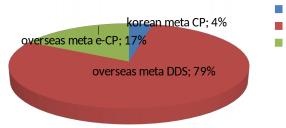
* NDSL(National Discovery for Science Leaders)

ST Conference Proceedings

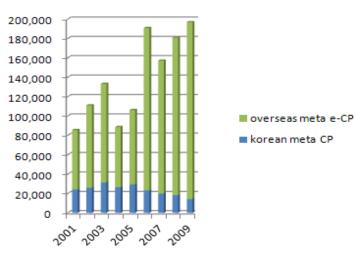
<Table 1> Metadata of ST Conference Proceedings

Format	E-Conference	ce 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		

Meta data of conference proceedings at NDSL



korean meta CP
overseas meta DDS
overseas meta e-CP



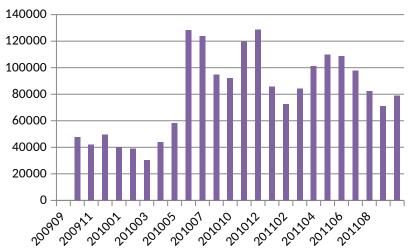
*KISTI print CP holdings: 16,051 titles

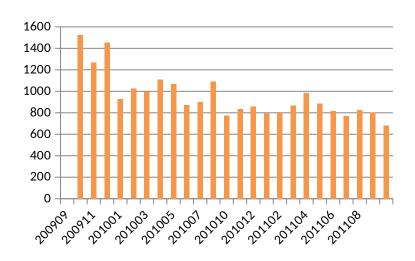
Usage of Conference Proceedings

<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





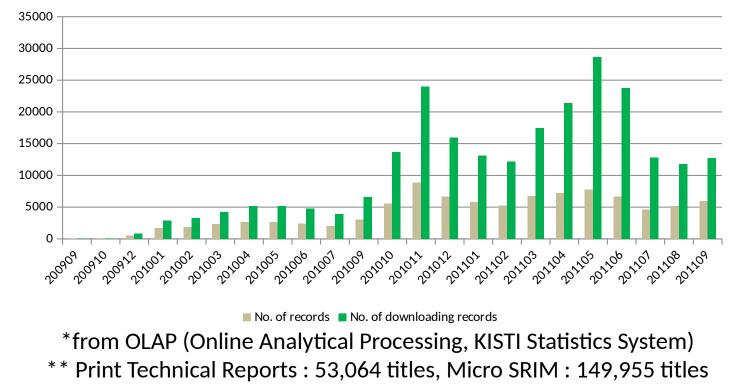
No. of DDS

ST Technical Reports

Domestic E-Technical Report : 132,732 Records(1983~)

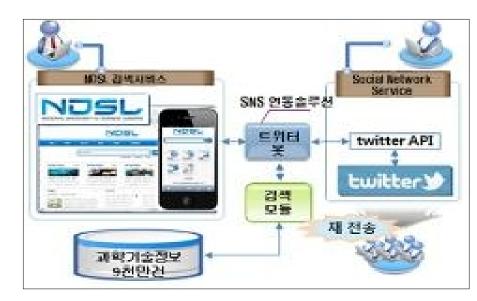
from NTIS(National Science and Technology Information Service)

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



New Ways for distributing GL : Social Networking Services

Twitter & ndsl_kr twibort





Smartphone and Twitter



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

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	논문 최근 보고서	보고서	동향		논문	보고서	동향
해양문제 검색	1. 국제 해양문제 주도권 확대방안 연구(I) 연구책임자 : 김성귀 주관연구기관 : 한국해양수산 >> 개발원(2009-12-00) A Study to Take the Initiative in the Internati onal Maritime Affairs 28문						
	ence) 강화방안	위한 연안지역 레질 호 주관연구기관 : 한))		>	사업명 주관연구기관 연구책임자	경제(한국해양수산개 한국해양수산개발원 김성귀	
논문 보고서 동향	3. 기상정보를 활용한 유통산업 공급사슬 경영의 효 율화 방안 연구: 대형할인점의 단기강수예보 활용사 례를 중심으로 연구책임자 : 이기광 주관연구기관 : 인제대학교 경 영학부(2009-01-00)			>	참여연구원 보고서유형 발행국가 언어	윤진숙;백인기;남정호;장원근;박수진; 신철오;장정인;김민수;목진용;최지연; 정지호;육근형;최희정;최영석 최종보고서 대한민국 한국어	수;목진용;최지연;
Issues NDSL 과학 향기	인자 발굴	서 림프절 전이를 예측 호 주관연구기관 : =		>	발행년일 시작년도 주관부처 사업 관리 기관	2009-12 2009 국토해양부 한국해양수산개발원	
PC버전 KISTI 고객센터(ARS) 080-969-4114	5. 기후변화 대응 물관리 기술 기획연구 연구책임자 : 양현모 주관연구기관 : (주)기술과가 치(2009-03-00)			>	과제고유번호 1105002512 초록 (Abstract)		
	6. 2012 여수 세계박람회 성공적 개최 방안 연구				This study defined "maritime powers which dominated t he world economy with their marine capabilities" and id		

NDSL Interface

Technical Reports Lists

Abstracts

NDSL Facebook Access using QR code



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