

GEO DATA 발간현황 및 확대 전략

국내 최초의 데이터 저널
정확하고 다양한 지구과학분야 데이터를 공유합니다

eISSN 2713-5004
<https://geodata.kr>
<https://geodata.kr/submission>

National Institute of Ecology

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2024. 6. 27.



Contents

I. Open Science

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IV. DataON

■ Open Science

- 과학 연구(출판물, 데이터, 물리적 샘플 및 소프트웨어 포함)와 그 보급을 사회의 모든 수준, 아마추어 또는 전문가가 접근할 수 있도록 하려는 운동(위키백과)
- Open Access : digital, online, 무료, 개방형 저작권과 라이선스 등
- Open Data : 데이터 접근(access)과 출판(publication)



UNESCO, 2021



UNEP, 2019



Neuro, Canada

UNESCO, 2021
Wikipedia

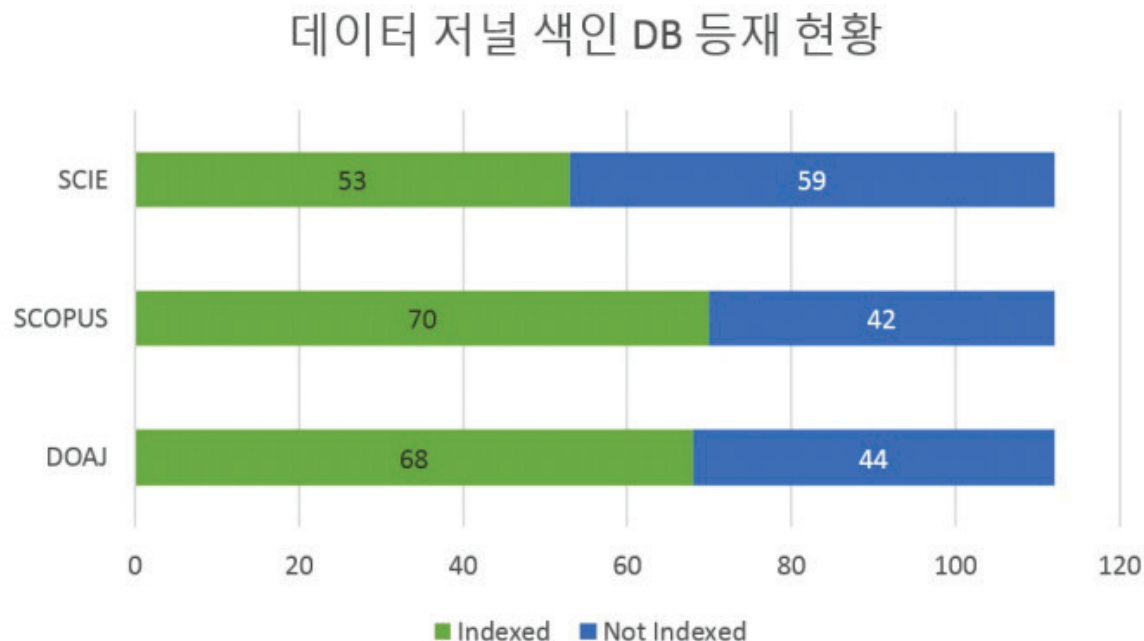
Elsevier

▪ Data journal 색인 DB 등재 현황

- 기 공개 데이터 저널 목록에서 추출한 데이터 저널 **112종** 기준(정영임, 2022)

- DOAJ, SCOPUS, WoS SCIE 등재 저널 통계 산출
- 112종 데이터 저널 중 DOAJ, SCOPUS DB에 색인된 저널은 60% 이상, **SCIE 등재 저널은 약 50%**를 차지

Index DB	Indexed	Not Indexed
DOAJ	68	44
SCOPUS	70	42
SCIE	53	59



[About GEO DATA]

저널명	GEO DATA
저널 약어	GEO DATA
창간	2019년 12월호
발행주기	분기(3월 31일, 6월 30일, 9월 30일, 12월 31일)
출판사	(사)GeoAI데이터학회
언어	국문, 영문
eISSN	2713-5004(Electronic-only)
DOI Prefix	10.22761
Open Access	OA-NC(https://creativecommons.org/licenses/by-nc/3.0/)

■ GEO DATA journal(geodata.kr)

- 대한민국 **최초**이며, 현재 까지는 **유일**한 데이터 학술지(2019.12~)

- **G**eology + **E**cology + **O**ceanography and Polar, Remote sensing research **D**ATA

The screenshot shows the GEO DATA journal homepage. The header includes the journal logo, 'Peer Review System GEO DATA', and navigation links: About, Submission & Review, Archive, and Search. A central section titled 'GEO DATA' lists key information: ISSN, Frequency (Quarterly), Publisher (지오에이아이데이터학회), Open Access, Copyright (지오에이아이데이터학회), and pISSN (2713-5004). A prominent announcement box states: 'Sending Thank-you Mail for reviewers. A Thank-you mail function has been added for reviewers who conducted the review. Read More'. Below this, the 'About The Journal' section describes the journal as a platform for geoscientific data research, published by the Korea Research Institute of Geoscience and Mineral Resources (KIGAM) and other institutions. The footer contains links for Authors Guide, Editor's & Reviewer's Guide, Publication Ethics, and Privacy Policy.

[History]

2019년 11월
지구과학분야연구데이터
활용 활성화를 위한 MOU 체결
NIE, KIGAM, KIOST, KOPRI, KARI

2022년 11월
(사)GeoAI데이터학회로 출판 이전
학문적 위상 상승
Official Journal of GeoAI Data Society

2023년 3월
국제화를 위한 학술지 전면
개편

2023년 9월
국제화 첫 걸음, DOAJ 등재
2024년 1월 과총 SC 기탁
2024년 6월, 등재학술지 평가 신청
Scopus, SCIE

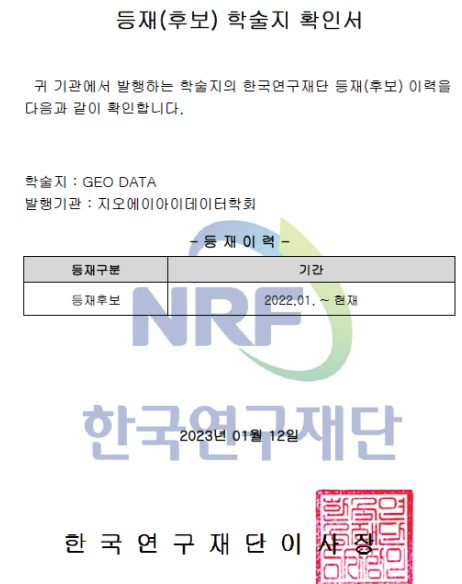
2019년 12월
지구과학분야연구데이터 공유를 위한
GEO DATA 창간호 발행
국내 최초의 데이터 저널

2022년 11월
한국연구재단
등재후보학술지 선정
학술적 가치 상승

[History]



2019년 11월
생태, 지질, 해양, 극지, 항공우주분야 MOU 체결



2022년 11월
한국연구재단 등재후보지 선정

(Indexing)

in a Month

First Decision

within 3 Months

Submission to Publication

**Immediately
as 'Forthcoming'**

Publication after Acceptance



Metrics

Metrics 실시

MOST VIEWED

- 1,251 Quantitative Study of Butterfly Diversity in Wando Quercus acuta Forest Over 5 Years (2017-2021)

- 1,008 Evaluation of Calibration Using Corner Reflector with Ground-Based Interferometric Radar

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- 972 GeoAI Dataset for Rural Hazardous Facilities Segmentation from KOMPSAT Ortho Mosaic Imagery

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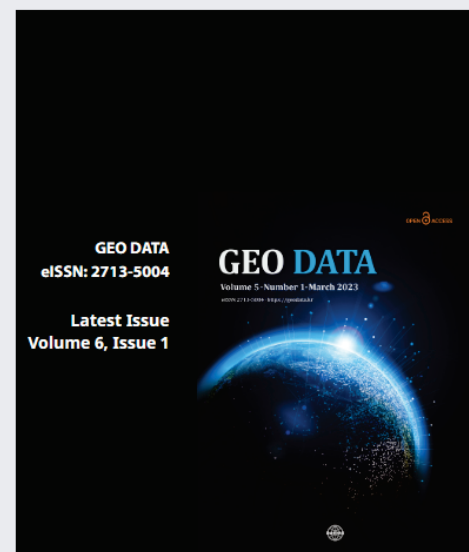
- 1 Estimation of Equivalent Rainfall for Ungauged Reservoir Using Satellite-Based High-Resolution Terrain Data

- 1 The Dataset of UAV Based High-resolution Tidal Topography at the Nakdong Estuary: Focusing on Jin-u Island and Shin-ja Island

- 1 UAV Photogrammetry and LiDAR Based Dataset of *Spartina anglica* Distribution and High-resolution Topographic Map in Ganghwado

- 1 A Geological Environment Characteristics Dataset of Tidal Flat Surface Sediments: A 2021 Pilot Study of the Gomso Bay Tidal Flat Area to Use of Sediment Type Data

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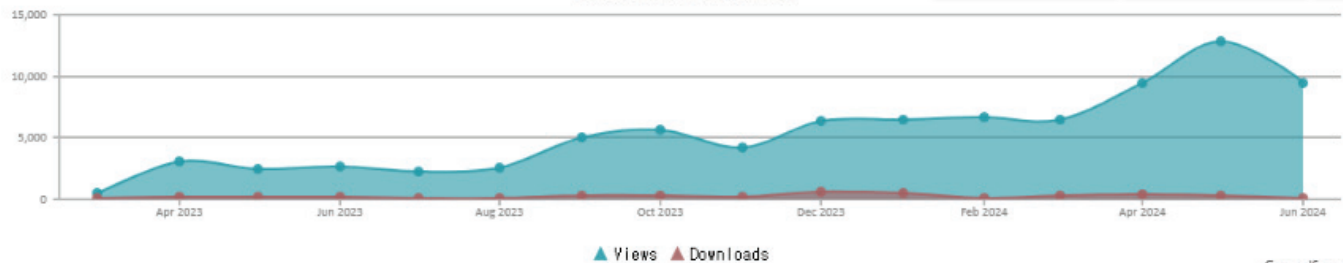


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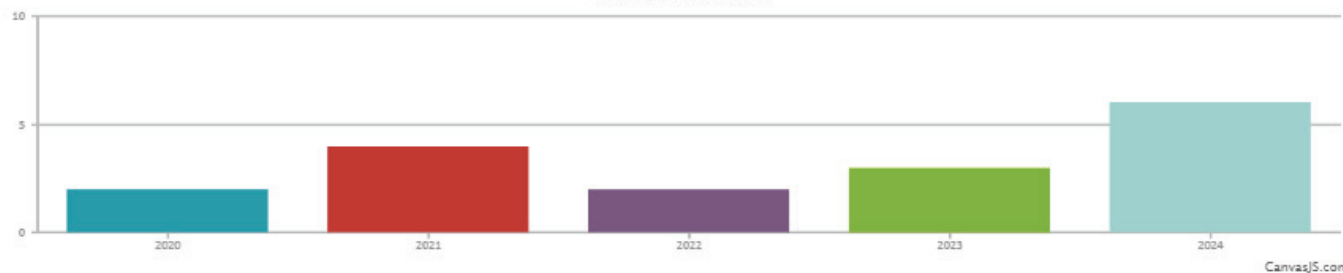
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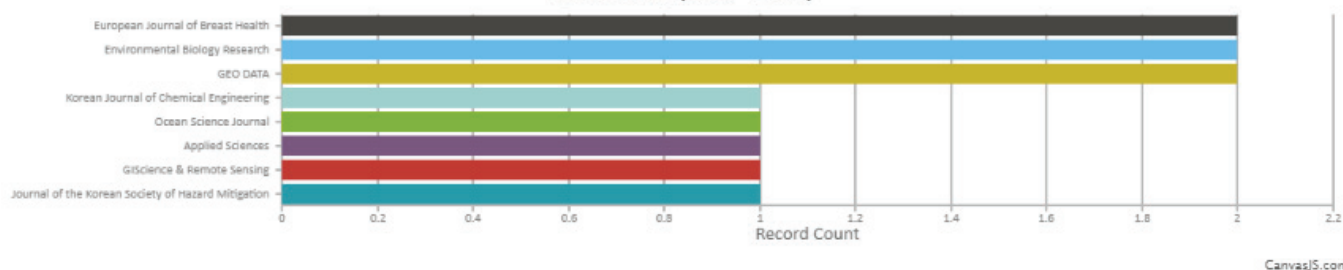
Resolution Report for prefix 10.22761



Crossref citations



Source Titles (2022 ~ 2024)



(Indexing)

Template, Copyright, Col 등 메인 페이지에서 파일 다운로드

GEO DATA

Template

Copyright Transfer Agreement

Disclosure of Conflict of Interest

Forthcoming articles

Evaluation of the Lateral Connectivity of the Suncheon's Dong Stream Based on Riverside Data

Jeong Ho Hwang, Yeonhui Jang, Jong-Hak Yun

Distribution Status of Invasive Alien Species in the Estuarine Wetlands in East and South Coast, Korea

Yeounsou Chu, Pyoungbeom Kim, Minhyeok Won

The Study of Distribution for the Plants of Alien Species on Specific Islands Monitored by Ministry of Environment, South Korea

Youngjun Park, Donghui Choi, Daeun Kim, et al.

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doaj.org/toc/2713-5004

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2713-5004 (ONLINE)

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📍 Publisher
[GeoAI Data Society](#), Korea, Republic of

Manuscripts accepted in
Korean, English

📁 LCC subjects ⓘ

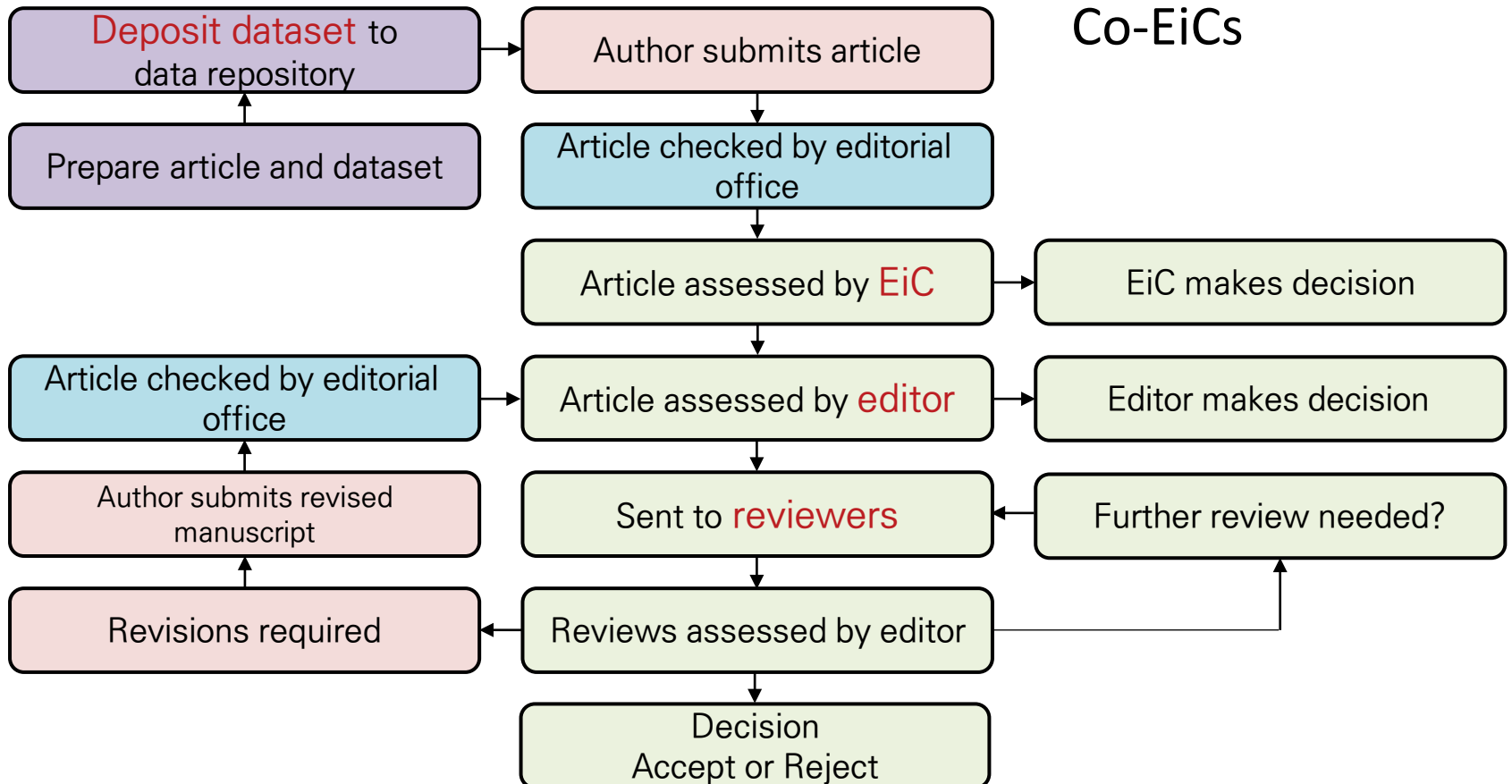
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Dataset deposit
Double blind
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Rules for submitting and publishing papers

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Enacted December 1, 2019

Amended January 1, 2021

Amended April 14, 2023

Article 1. Purpose

The rules are designed to specify matters related to the submission and publication of papers in GEO DATA of GeoAI Data Society (hereinafter referred to as the "Society").

Article 8. Data Deposit Method

1. Data related to an article shall be deposited in the appropriate data repository.
2. The data repository must support the DOI issuance system to issue DOI addresses to the deposited data.
3. Examples of data repositories are as follows.

- ① Figshare
- ② Zenodo
- ③ Dryad
- ④ EcoBank
- ⑤ GeoBigdata OpenPlatform

[Metadata for Dataset]

1. The data investigated and utilized in this thesis should be described in the following technical items and written in English.
2. The data must be labeled with a Digital Objective Identification (DOI).

Sort	Field
Essential	Title
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	Category
	Abstract
	Temporal coverage
	<u>Spatial coverage</u>
	Personnel
Optional	CC License
	Project Instrument

[Rules]

Instructions to authors

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[Metadata for Dataset]

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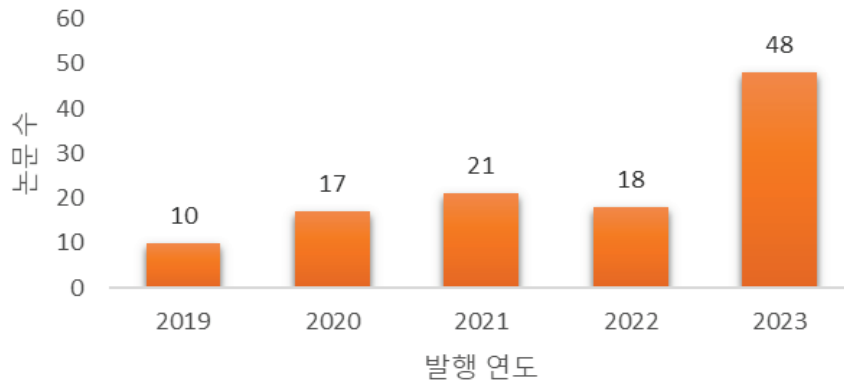
Sort	Field
Essential	Title
	DOI name
	Category
	Abstract → Dataset Format/Type
	Temporal coverage
	Spatial coverage
	Personnel
Optional	CC License
	Project
	Instrument

Sort	Field	Subcategory#1	Subcategory#2	설명	비고
Essential	*Title			데이터 제목	무엇을
	*DOI name			1) 해당 데이터에 발급된 DOI가 있을 경우 저자가 직접 DOI 작성 2) 데이터를 타 리포지터리에 기탁한 경우 해당 URL 작성 (GEO DATA에서 DOI 발급하여 기재예정) 3) 데이터를 리포지터리에 기탁한 적이 없는 경우 논문 투고 시 데이터를 함께 제출 (GEO DATA에서 DOI 발급하여 기재 예정)	
	*Category			ISO 19115 Topic Category 중에서 선택하여 기재	
	Abstract	→ Dataset Format		데이터 요약 설명	어떻게, 왜
	*Temporal Coverage			데이터 수집기간	언제
	*Spatial Coverage	Address		데이터 수집공간 주소	어디서
		WGS84 Coordinates	Point/Line/Polygon	공간정보 (WGS84 권고) Point, Line, Polygon 중 선택	
	*Personnel	Name		데이터 등록자 이름	누가
		Affiliation		소속	
		E-mail		이메일 주소	
	*CC License			CC 라이선스 중 선택 (http://ccl.ckorea.org/about/)	
Optional	*Project			수행과제명	
	*Instrument			수집 장비 개요 (제조사, 모델명, 분해능 등)	

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높이기 위해
수정, 보완 예정

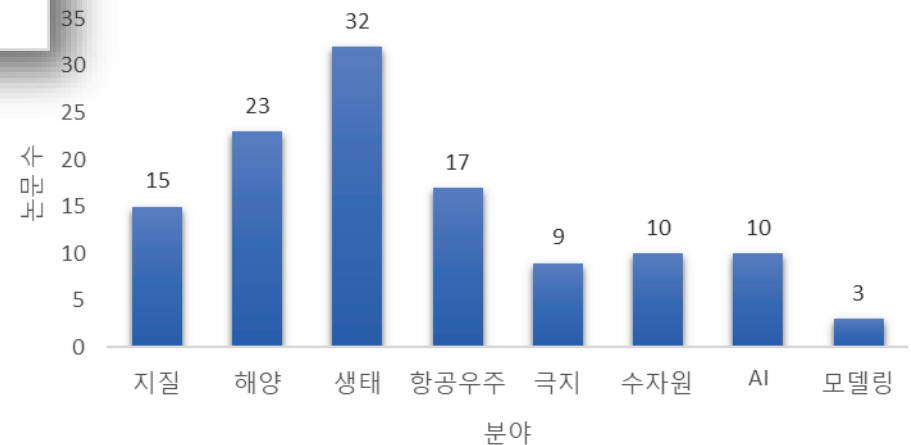
(논문 게재 현황)

연도별 논문 수(2019~2023)



19.12.~23.12., 116편

분야별 논문 수(2019~2023)



8개 분야, 주제의 다양성

(투고 시스템 변경, 2024.7.)

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Double blind(이중 암맹) ➡ Single blind(단일 암맹)

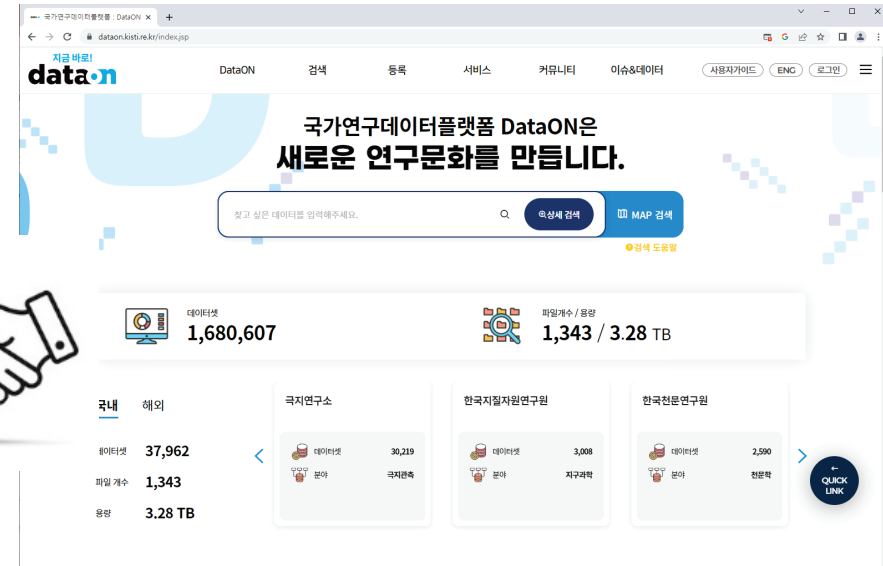
Original / Review / Short ➡ Data Article / Data Analysis / Comments

Article 5 Data Policy(5.1 & 5.2)

Data Articles, GEO DATA's primary article type, describe datasets. These must be made available to editors and reviewers at the time of submission and be shared with the scientific community at final publication.

GEO DATA has an open data policy. The data policy includes **the dataset**. Data Article describes must be made available to editors and reviewers upon submission. **The data set** also must be shared with the scientific community upon final publication.

DataON과 GEO DATA



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- ③ Dryad
- ④ EcoBank
- ⑤ GeoBigdata OpenPlatform

DataON

DataON: 국내최초 CTS 인증 Repository

(1) GEO DATA 투고 데이터의 저장소

- GAIDAS 회원 자동 연계(추진중)

- GEO DATA sub repository 구축(계획중)

(2) Web gis based archiving(query)

국내 최초의 데이터 저널

GEO DATA

많은 관심과 투고 부탁드립니다

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