

# Abkürzungsverzeichnis

## A

AARC	Authentication and Authorisation for Research and Collaboration
ADeX	Archäologischer Datenexport-Standard
ADOCHS	Auditing Digitalization Outputs in the Cultural Heritage Sector
AGA	Annotated Model Grant Agreement
AI	Artificial Intelligence (s. a. KI)
AIP	Archival Information Package
AK	Arbeitskreis
AMOS	Advanced Multi User Operating System
APA	American Psychological Association
API	Application Programming Interface
AR	Ausführungsreglement
AWI	Alfred-Wegener-Institut für Polar- und Meeresforschung

## B

BA	Bachelor (s. a. BSc)
BASE	Bielefeld Academic Search Engine
BayDSG	Bayerisches Datenschutzgesetz
BayHSchG	Bayerisches Hochschulgesetz
BbgHG	Brandenburgisches Hochschulgesetz
BDSG	Bundesdatenschutzgesetz
BERT	Bidirectional Encoder Representations from Transformers
BfDI	Bundesbeauftragter für den Datenschutz und die Informationsfreiheit
BGB	Bürgerliches Gesetzbuch
BGH	Bundesgerichtshof
BIO	Biological Sciences Directorate
BIR	Binary Independence Retrieval
BlnDSG	Berliner Datenschutzgesetz
BLV	Bund-Länder-Vereinbarung
BM	Best Matching
BMBF	Bundesministerium für Bildung und Forschung
BMWi	Bundesministerium für Wirtschaft und Energie
BPA	Blueprint Architecture
BremDSGVOAG	Bremisches Ausführungsgesetz zur EU-Datenschutz-Grundverordnung
BSc	Bachelor of Science (s. a. BA)
BT	Bundestag
BT-Drucks	Bundestagsdrucksache

## C

CC	Creative Commons
CCSDS	Consultative Committee for Space Data Systems
CDS	Climate Data Store
CESAER	Conference of European Schools for Advanced Engineering Education and Research
CESSDA	Consortium of European Social Science Data Archives

CIDOC	Comité international pour la documentation
CISE	Computer & Information Sciences & Engineering
CKAN	Comprehensive Knowledge Archive Network
CLARIN	Common Language Resources and Technology Infrastructure
CMIP	Coupled Model Intercomparison Project bzw. Climate Model Intercomparison Project
CMOR	Climate Model Output Rewriter
COD	Crystallography Open Database
CODATA	Committee on Data for Science and Technology
CONQUAIRE	Continuous quality control for research data to ensure reproducibility
CO-OPERAS	Open Access in the European Research Area through Scholarly Communication
COPEDES	Coalition for Publishing Data in the Earth and Space Sciences
COPE	Committee on Publication Ethics
CORDIS	Community Research and Development Information Service
COS	Center for Open Science
CPU	Central Processing Unit
CQL	Contextual Query Language
CRedit	Contributor Roles Taxonomy
CRM	Conceptual Reference Model
CSIC	Consejo Superior de Investigaciones Científicas
CTS	CoreTrustSeal

**D**

DARIAH	Digital Research Infrastructure for the Arts and Humanities
DART	Data Management Plans as a Research Tool
DBLP	Digital Bibliography & Library Project
DCAT	Data Catalog Vocabulary
DCC	Digital Curation Centre
DCMI	Dublin Core Metadata Initiative
DDC	Data Distribution Center
DDI	Data Documentation Initiative
DDM	Digitales Datenmanagement
DFG	Deutsche Forschungsgemeinschaft
DFN	Deutsches Forschungsnetz e.V.
DH	Digital Humanities
DIF	Datenintensive Forschung
DIF	Directory Interchange Format, NASA-Metadatenstandard
DIL	Data Information Literacy
DIM	Daten- und Informationsmanagement
DINI	Deutsche Initiative für Netzwerkinformation e.V.
DIP	Dissemination Information Packages
DIPIR	Dissemination Information Packages for Information Reuse
DLF	Digital Library Federation
DM	Datenmanagement (s. a. RDM und FDM)
DMP	Datenmanagementplan
DOA	Digital Object Architecture
DOBES	Dokumentation bedrohter Sprachen
DOI	Digital Object Identifier

DPMT	Data Project Management Tool
DQC	Data Quality Committee
DROID	Digital Record Object Identification
DSA	Data Seal of Approval
DSGVO	Datenschutzgrundverordnung
DSK	Datenschutzkonferenz
DSP	Data Sharing Plan
DW	Domänenwände
<b>E</b>	
EC	European Commission
EcoSoc-IN	Economic and Social Sciences going FAIR Implementation Network
ECTS	European Credit Transfer System
EEBO	Early English Books Online
EGI	European Grid Initiative
EHR	Education & Human Resources Directorate
EJP	European Joint Programme
ELAG	European Library Automation Group
ENG	Engineering Directorate
ENVRI	Environmental Research Infrastructure
EnWG	Energiewirtschaftsgesetz
EOSC	European Open Science Cloud
ePIC	Persistent Identifiers for eResearch
ERA-Net	European Research Area Networks
ERC	European Research Council
ERIC	European Research Infrastructure Consortium
ESFRI	European Strategy Forum on Research Infrastructures
ESGF	Earth System Grid Federation
ESMValTool	Earth System Model Evaluation Tool
ESO	European Southern Observatory
ESRF	European Synchrotron Radiation Facility
ESSD	Earth System Science Data
ETL	Extract, Transform, Load
EU	Europäische Union
EUDAT	European Data
EUDAT CDI	European Data Collaborative Data Infrastructure
EuGH	Europäischer Gerichtshof
EWIG	Entwicklung von Workflowkomponenten für die Langzeitarchivierung von Forschungsdaten in den Geowissenschaften
ExPaNDS	European Open Science Cloud Photon and Neutron Data Service
<b>F</b>	
FAIR	Findable, Accessible, Interoperable, Reusable
FAIR StRePo	FAIR Standards, Repositories, and Policies
FAIR4S	(Framework for) FAIR Data Stewardship Skills in Science and Scholarship
FCS	Federated Content Search
FD	Forschungsdaten
FDM	Forschungsdatenmanagement (s. a. RDM)
FDR	Forschungsdatenrepositorium

FDZ	Forschungsdatenzentrum
FFP	Fabrikation, Falsifikation und Plagiat
FID	Fachinformationsdienst
FoDaKo	Forschungsdatenmanagement in Kooperation
FOKUS	Forschungsdatenurse für Studierende und Graduierte
FUSE	Filesystem in Userspace
FWF	Fonds zur Förderung der wissenschaftlichen Forschung
<b>G</b>	
GAIA	Global Integrated Earth Data
GARR	Gruppo per l'Armonizzazione delle Reti della Ricerca
GBPS	Gigabit per second
GDPR	General Data Protection Regulation
GEDE	Group of European Data Experts
GEO	Geosciences Directorate
GEOSS	Global Earth Observation System of Systems
GeRDI	Generic Research Data Infrastructure
GeschGehG	Gesetz zum Schutz von Geschäftsgeheimnissen
GFBio	German Federation for Biological Data
GFISCO	Go Fair International Support and Coordination Office
GG	Grundgesetz
GIPS	Giga (Billion) Instructions Per Second
GO	Gene Ontology
GRADE	Goethe Research Academy for Early Career Researchers
GSi	Gesellschaft für Schwerionenforschung (= Helmholtzzentrum für Schwerionenforschung)
GWK	Gemeinsame Wissenschaftskonferenz
GwP	Gute wissenschaftliche Praxis
<b>H</b>	
HCPP	House of Commons Parliamentary Papers
HDF	Helmholtz Data Federation
HDSIG	Hessisches Datenschutz- und Informationsfreiheitsgesetz
HeFDI	Hessische Forschungsdateninfrastrukturen
HG-NRW	Hochschulgesetz Nordrhein-Westfalen
HIFIS	Helmholtz Federated IT Services
HmbDSG	Hamburgisches Datenschutzgesetz
HmbHG	Hamburgisches Hochschulgesetz
HochSchG-RP	Hochschulgesetz Rheinland-Pfalz
HPC	High-Performance Computing
HPSS	High Performance Storage System
HRK	Hochschulrektorenkonferenz
HSG-Bremen	Bremisches Hochschulgesetz
HSG-LSA	Hochschulgesetz des Landes Sachsen-Anhalt
HSG-SH	Hochschulgesetz Schleswig-Holstein
Hz	Hertz

**I**

IDCC	International Digital Curation Conference
IEEE	Institute of Electrical and Electronics Engineers
IFDS	Internet of FAIR Data and Services
IGSN	International Geo Sample Number
IKT	Informations- und Kommunikationstechnologie
IN	Implementation Network (GO FAIR)
INDIGO	Integrating Distributed data Infrastructures for Global Exploitation
INSPIRE	Infrastructure for spatial information in Europe
IP	Intellectual property
IPCC	Intergovernmental Panel on Climate Change
IPR	Intellectual property rights
IQ	Informationsqualität
IR	Information Retrieval
ISC	International Science Council
ISO	International Organization for Standardization
IT	Informationstechnologie
IVOA	International Virtual Observatory Alliance

**J**

JHOVE	JSTOR/Harvard Object Validation Environment
JoRD	Journal Research Data Policies

**K**

KBPS	Kilobit per second
KI	Künstliche Intelligenz (s. a. AI)
KMU	Klein- und mittelständische Unternehmen
KOBV	Kooperativer Bibliotheksverbund Berlin-Brandenburg
KOLIMO	Korpus der literarischen Moderne
KoWi	Kooperationsstelle EU der Wissenschaftsorganisationen
KPI	Key Performance Indicator
KUG	Kunsturhebergesetz
KZ	Konzentrationslager

**L**

LAG	Landesarbeitsgericht
LD	Linked Data
LDA	Latent Dirichlet Allocation
LDSG-BW	Landesdatenschutzgesetz Baden-Württemberg
LEARN	Leaders Activating Research Networks
LHG-BW	Landeshochschulgesetz Baden-Württemberg
LIS	(Wissenschaftliche) Literaturversorgungs- und Informationssysteme (DFG)
LMER	Langzeitarchivierungsmetadaten für elektronische Ressourcen
LOD	Linked Open Data
LOEWE	Landes-Offensive zur Entwicklung Wissenschaftlich-ökonomischer Exzellenz (Hessen)
LSDMA	Large Scale Data Management and Analysis
LTA	Long Term Archiving (s. a. LZA)
LZA	Langzeitarchivierung (s. a. LTA)

**M**

MA	Master (s. a. MSc)
MANGAS	Manipulation and Management of Descriptive Metadata
MANTRA	Research Data Management Training
MARC	Machine-Readable Cataloging
MARUM	Zentrum für Marine Umweltwissenschaften
MASi	Metadata Management for Applied Sciences
MAWG	Metadata Assessment Working Group
MD5	Message-Digest Algorithm 5
MeSH	Medical Subject Headings
MIP	Model Intercomparison Project
MIPS	Mega (Million) Instructions Per Second
ML	Machine Learning
MODS	Metadata Object Description Schema
MoM	Memory of Mankind
MOOC	Massive Open Online Course
MPS	Mathematical and Physical Sciences Directorate
MSc	Master of Science (s. a. MA)
MSysV	Messsystemverordnung

**N**

NFDI	Nationale Forschungsdateninfrastruktur
NI4OS Europe	National Initiatives for Open Science in Europe
NISO	National Information Standards Organization
NLP	Natural-Language-Processing
NOMAD	Novel Materials Discovery

**O**

OA	Open Access
OAI	Open Archives Initiative
OAI-PMH	Open Archives Initiative Protocol for Metadata Harvesting
OAIS	Open Archival Information System
OCRE	Open Clouds for Research Environments
OECD	Organisation for Economic Co-operation and Development
OGD	Open Government Data
OKF	Open Knowledge Foundation
OLG	Oberlandesgericht
OMP	Outputs Management Plan
OPAC	Online Public Access Catalogue
ORCID	Open Researcher and Contributor Identifier
ORD	Open Research Data
OSF	Open Science Framework
OSM	Open Science Monitor

**P**

PaN	Photon and Neutron
PaNOSC	Photon and Neutron Open Science Cloud
PAPPG	Proposal & Award Policies & Procedures Guides
PBPS	Petabit per second

PCM-Chips	Phase-Change-Memory-Chips
PID	Persistenter Identifikator
PLOS	Public Library of Science
PRACE	Partnership for Advanced Computing in Europe
PREMIS	Preservation Metadata: Implementation Strategies
PSI	Public Sector Information
<b>R</b>	
RADAR	Research Data Repository
RAID	Redundant Arrays of Independent Disks
RatSWD	Rat für Sozial- und Wirtschaftsdaten
RCEMIP	Radiative Convective Equilibrium Model Intercomparison Project
RD	Research Data
RDA	Research Data Alliance
RDF	Resource Description Framework
RDM	Research Data Management (s. a. FDM)
RDMO	Research Data Management Organiser
Re3data	Registry of Research Data Repositories
RECODE	Policy Recommendations for Open Access to Research Data in Europe
RePlay-DH	Realisierung einer Plattform und begleitender Dienste zum Forschungsdatenmanagement für die Fachcommunity Digital Humanities
REST	Representational State Transfer
RfII	Rat für Informationsinfrastrukturen
RI	Research Infrastructure
RISE	Research Infrastructure Self-Evaluation Framework
ROARMAP	Registry of Open Access Repository Mandates and Policies
<b>S</b>	
S3	Simple Storage Service
SaaS	Software as a Service
SaxFDM	Forschungsdatenmanagement in Sachsen
SBE	Social, Behavioral and Economic Sciences Directorate
SBIR	Small Business Innovation Research
SchulG	Schulgesetz
SDC	Science Data Centers
SDK	Software Development Kit
SFB	Sonderforschungsbereich
SFB INF	Sonderforschungsbereich Informationsmanagement und Informationsinfrastruktur
SHACL	Shapes Constraint Language
SHARE	Survey of Health, Ageing and Retirement in Europe
SHERPA	Securing a Hybrid Environment for Research Preservation and Access
SIP	Submission Information Package
SKOS	Simple Knowledge Organisation System
SMART	spezifisch, messbar, attraktiv, realistisch und terminiert
SME	Small and Medium-sized Enterprises
SMS	Service Management System
SPARC	Scholarly Publishing and Academic Resources Coalition
SPARQL	SPARQL Protocol And RDF Query Language

SPMT	Service Portfolio/Catalogue Management Tool
SQaaS	Software Quality as a Service
SRU	Search/Retrieve via URL
<b>T</b>	
TEI	Text Encoding Initiative
ThürHG	Thüringer Hochschulgesetz
TIPS	Tera (Trillion) Instructions Per Second
<b>U</b>	
UNEKE	Vom USB-Stick zur NFDI – Entwicklung eines kriteriengeleiteten Entscheidungsmodells für den Aufbau von Forschungsdateninfrastrukturen
UrhG	Urheberrechtsgesetz
<b>V</b>	
VA	Visual Analytics
VerbundFDB	Verbund Forschungsdaten Bildung
<b>W</b>	
W3C	World Wide Web Consortium
WBGU	Wissenschaftlicher Beirat der Bundesregierung Globale Umweltveränderungen
WCRP	World Climate Research Program
WDCC	World Data Center for Climate
WDS	(International Science Council) World Data System
WEF	World Economic Forum
WG	Working Group
WGCM	Working Group on Climate Models
WIP	WGCM Infrastructure Panel
WIS	World Meteorological Organization Information system
WKN	Wissenschaftliche Kommission in Niedersachsen
<b>X</b>	
XFEL	X-Ray Free-Electron Laser
<b>Z</b>	
ZDIN	Zentrum für digitale Innovationen Niedersachsen