

Geo-Cluster abbreviations

2D	two-dimensional
3D	three-dimensional
AAPG	American Association of Petroleum Geologists
AGU	American Geophysical Union
ALERT	Alliance of Laboratories in Europe for Research and Technology
ALW	NWO Earth and Life Sciences division
A-PPP	Array-aided Precise Point Positioning
BDS	Chinese BeiDou system (GNSS)
BP	British Petrol
BSc	Bachelor of Science
CATO	Research programme on CO ₂ capture, transport, and storage in the Netherlands
CEG	Faculty of Civil Engineering and Geosciences of TU Delft
CESAR	Cabauw Experimental Site for Atmospheric Research
CLRM	Closed-Loop Reservoir Management
COB	Netherlands Center for Underground Construction
COVRA	Dutch Central Organisation for Radioactive Waste
CPT	Core Penetration Test
CSEM	controlled-source electromagnetic
CT	Computed Tomography
CTG	Research School Centre for Technical Geoscience
CUR	Guideline committee (Civieltechnisch Centrum Uitvoering Research en Regelgeving)
DAP	Delft Geothermal Project (Delft Aardwarmte Project)
DARSim	Delft Enhanced Reservoir Simulation
Deltares	Dutch institute for delta technology
DGM	Delft Gravity Model
DMT	Delft Mass Transport
DPGA	Dutch Permanent GNSS Array
E&P	Exploration & Production
EAGE	European Association of Geoscientists and Engineers
EBN	Energie Beheer Nederland (Dutch Gas)
EC	European Commission
ECBM	enhanced coalbed methane
ECN	Netherlands Energy Research Centre
EGU	European Geophysical Union
EGU	European Geosciences Union
EM	electromagnetic
EOR	Enhanced Oil Recovery
ESA	European Space Agency
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ETH	Swiss Federal Institute of Technology (Eidgenössische Technische Hochschule), Zürich, Switzerland
EU	European Union (and its various funding schemes)
FEM	Finite Element Method
FOM	Foundation for Fundamental Research on Matter (Physics division of NWO)
FP	Framework programme of the EU
fte	full time job equivalent (w.r.t. 38 hours per week)
GFZ	German Research Centre for Geosciences
GNSS	Global Navigation Satellite Systems
GPR	Ground penetrating radar
GrIS	Greenland Ice Sheet
GRS	Department of Geoscience and Remote Sensing
GS	Graduate School of TU Delft
GSE	Department of Geoscience and Engineering
GTI	Large Technological Institute
H2020	Horizon 2020 programme of the EU
HR	Human resource (management)
IC	Imperial College, London (UK)
ICDP	International Continental Scientific Drilling Program
IDRA	IRCTR Drizzle Radar (x band)
IFP	IFP Énergies nouvelles, former Institut Français du Pétrole (France)
IMPA	Instituto Nacional de Matemática Pura e Aplicada, Rio de Janeiro, Brazil
InSAR	Interferometric SAR (Synthetic-aperture radar)
IOR	Improved Oil Recovery
IPCC	Intergovernmental Panel on Climate Change
ISAPP	Integrated System Approach Petroleum Production programme
ISES	Netherlands Research Centre for Integrated Solid Earth Science

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ISO International Organisation for Standardisation
ISSMGE International Society for Soil Mechanics and Geotechnical Engineering
ITN International Training Network (funding scheme of the EU)
k kilo, thousand
KIVI The Royal Institute of Engineers in the Netherlands (Koninklijk Instituut Van Ingenieurs)
KIWA Netherlands Waterworks' Testing and Research Institute
KNAW Royal Netherlands Academy of Arts and Sciences
KNGMG Royal Dutch Geological and Mining Society
KNMI Royal Netherlands Meteorological Institute (Koninklijk Nederlands Meteorologisch Instituut)
LAMBDA Least-squares AMBiguity Decorrelation Adjustment method
LES Large-Eddy Simulation
LOFAR Research programme on Low Frequency Array
m million
MIT Massachusetts Institute of Technology (USA)
MRI Magnetic Resonance Imaging
MSc Master of Science
NAC Dutch Earth Sciences congress (Nederlands Aardwetenschappelijk Congres)
NAM Nederlandse Aardolie Maatschappij BV
NCR The Netherlands Centre for River Studies
NEN Nederlands Normalisatie-instituut
NIOO-KNAW Netherlands Institute of Ecology
NIOZ Royal Netherlands Institute for Sea Research
NMR Nuclear Magnetic Resonance
NUFFIC Expertise and service centre for internationalisation in Dutch education
NVAO Dutch-Flemish Organisation for Accreditation in Higher Education (Nederlands-Vlaamse Accreditatieorganisatie)
NWO Netherlands Organisation for Scientific Research
NWO-ALW NWO Earth and Life Sciences division
NWO-WOTRO Global development division of NWO
OMI Ozone Monitoring Instrument
OPERA Research programme of COVRA (Onderzoeksprogramma eindberging radioactief afval)
PhD Doctor of Philosophy, doctoral degree
PI Principle Investigator
PNT Positioning, Navigation and Timing
QZSS Quasi-Zenith Satellite System (GNSS)
R&D Research and Development
RF Recovery Factory programme
RFEM Random Finite Element Method
RIVM National Institute for Public Health and the Environment (Rijksinstituut voor Volksgezondheid en Milieu)
RTK Real Time Kinematic
RWS Directorate-General for Public Works and Water Management (Rijkswaterstaat)
SAR Synthetic-aperture radar
SBIR Small Business Innovation Research
SEG Society of Exploration Geophysics
SEP Standard Evaluation Protocol (for Research Evaluation in the Netherlands)
SPE Society of Petroleum Engineers
STOWA Foundation for Applied Water Research (Stichting Toegepast Onderzoek Waterbeheer)
STW Dutch Technology Foundation (applied science division of NWO and the technology programme of the Ministry of Economic Affairs)
TBM Tunnel-boring machine
TC Technical Committee
TKI Top consortia for Knowledge & Innovation (as part of the top sectors)
TNO Geological Survey of the Netherlands
TRL Technology Readiness Level
UU Utrecht University
VCE Variance component estimation
VSL Dutch Metrology Institute
VU VU University Amsterdam
WRCP World Climate Research Programme
XRF X-ray fluorescence

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