Glossary Project / acronyms

1. 3DEP: 3-D Elevation Program
2. AAG: Association of American Geographers
3. AGI: Ambient Geographic Information
4. AGS: American Geographical Society
5. AGU: American Geophysical Union
6. AI: Artificial Intelligence
7. AM/FM: Automated Mapping/Facilities Management
8. API: Application Programming Interface
9. ASPRS: American Society for Photogrammetry and Remote Sensing
10. AURIN: Australian Urban Research Infrastructure Network
11. BBSRC: Biotechnology and Biological Sciences Research Council
12. BDS: BeiDou Navigation Satellite Demonstration System
13. BIM: Building Information Modelling
14. CAADP: Comprehensive African Agricultural Development Program
15. CAD: Computer Aided Design
16. CaGIS: Cartography and Geographic Information Society
17. CCGI: Collaboratively Contributed Geographic Information
18. CEGIS: Center of Excellence for Geospatial Information Science
19. CEOS: Committee on Earth Observation Satellites
20. CI: CyberInfrastructure
21. CLGE: The Council of European Geodetic Surveyors
22. CODATA: Committee on Data for Science and Technology
23. COGO: Coordinate Geometry
24. CRC: Census Research Centre
25. CRS: Coordinate Reference System
26. CSA: Canadian Space Agency
27. CSSTEAP: Center for Space Science & Technology Education in Asia and the Pacific
28. CUDA: Compute Unified Device Architecture
29. DAAC: Distributed Active Archive Center (of NASA)
30. DEM: Digital Elevation Model
31. DSM: Digital Surface Model
32. DWG: Design file format
33. DXF: Drawing Interchange File
34. ECMWF: European Center for Medium range Weather Forecasting
35. EOS: Earth Observation Science
36. EOSDIS: Earth Observing System and Data Information System
37. EPA: Environmental Protection Agency
38. EPSG: European Petrol Survey Group (used in projection IDs)
39. ESA: European Space Agency
40. ESERO: European Space Education Resource Office
41. EUROGI: European Umbrella Organisation for Geographic Information
42. EuroSDR: European Spatial Data Research
43. FOSS: Free and Open Source Software
44. FOSS4G: Free and Open Source Software For Geospatial
45. GCP: Ground Control Point
46. GEO: Group on Earth Observations
47. GEO: Geosynchronous Earth Orbits
48. GloFAS: Global Flood Awareness System
49. GNSS: Global Navigation Satellite System
50. GODAN: Global Open Data for Agriculture and Nutrition
51. GPS: Global Positioning System
52. GPX: GPS Exchange Format
53. GRACE: Gravity Recovery and Climate Experiment (satellite program)
54. GRASPgfs: Geospatial Resource for Agricultural Species and Pests and Pathogens with workflow integrated modeling to support Global Food Security
55. GSoC: Google Summer of Code
56. HLPF: High Level Political Forum (of UN)
57. HOT: Humanitarian OpenStreetMap Team
58. HPC: high-performance computing
59. ICA: International Cartographic Association
60. ICSU-WDS: International Council for Science – World Data System
61. IDE: Spatial Data Infrastructure
62. INSPIRE: Infrastructure for Spatial Information in Europe
63. IPGH: Pan American Institute of Geography and History
64. ISO: International Organization for Standardization
65. ISPRS: International Society for Photogrammetry and Remote Sensing
66. ISRO: Indian Space Research Organization
67. JAXA: Japan Aerospace Exploration Agency
68. KML: Keyhole Markup Language
69. LBS: Location-Based Service
70. LEO: Low Earth Orbits
71. LiDAR: Light Detection And Ranging
72. LOC: Local Organizing Committee
73. LOD: Level Of Detail
74. MEO: Medium Earth Orbits
75. MIL: Media and Information Literacy
76. MoU: Memorandum of Understanding
77. MSS: Multispectral Scanner
78. NAD: North American Datum
79. NCSA: National Center for Supercomputing Applications
80. NED: National Elevation Dataset
81. NEPAD: NEw Partnership for African Development
82. NGA: National Geospatial Intelligence Agency
83. NHD: National Hydrologic Dataset
84. NLCD: National Land Cover Dataset
85. NOOSA: United Nations Office for Outer Space Affairs
86. NRSA: Indian National Remote Sensing Agency
87. NSDI: National Spatial Data Infrastructure
88. NSF: National Science Foundation
89. OECD: Organisation for Economic Co-Operation and Development
90. OER: Open Educational Resources
91. OGC: Open Geospatial Consortium
92. OHI: International Hydrographic Office
93. OSGeo: Open Source Geospatial Foundation
94. OSM: OpenStreetMap
95. OTB: Orfeo Tool Box
96. PPGIS: Public Participation in Geographic Information Systems
97. PPSR: Public Participation in Scientific Research
98. RBV: Return Beam Vidicon
99. RCMRD: Regional Centre for Mapping of Resources for Development
100. RDA: Research Data Alliance
101. ROSCOSMOS: Russian Federal Space Agency
102. ROSHYDROMET: Russian Federal Service for Hydrometeorology and Environmental Monitoring
103. RUFORUM: Regional Universities Forum for capacity building in agriculture
104. SaaS: Software as a Service
105. SAR: Synthetic Aperture Radar
106. SDG: Sustainable Development Goal
107. SDI: Spatial Data Infrastructure
108. SIG: Geographic Information System
109. SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain.
110. SPIDER: open SPatial data Infrastructure eDucation nEtwoRk
111. SQL: Structured Query Language
112. STISA 2024: Science Technology Innovation Strategy for Africa
113. STSM: Short Term Scientific Missions
114. SWIR: Short Wave Infrared
115. TIN: Triangulated Irregular Network
116. UAV: Unmanned Aerial Vehicle
117. UML: Unified Modeling Language
118. UN-GGIM: United Nations Global Geospatial Information Management
119. USGS: U.S. Geological Survey
120. USGIF: United States Geospatial Intelligence Foundation
121. VGI: Volunteered Geographic Information
122. VNIR: Visible Near Infrared
123. XSEDE: Extreme Science and Engineering Discovery Environment
124. WCS: Web Coverage Service
125. WFS: Web Feature Service
126. WGCapD: Working Group on Capacity Building and Data Democracy
127. WGS: World Geodetic System
128. WISERD: Wales Institute of Social & Economic Research, Data & Methods
129. WMO: World Meteorological Organization
130. WMS: Web Map Service
131. WMTS: Web Map Tiles Services
132. WOIS: Water Observation Information System
133. WPS: Web Processing Service