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# CONTENTS

I. ABSTRACT .....	xxii
II. KEYWORDS .....	xxii
III. PREFACE .....	xxiii
IV. SECURITY CONSIDERATIONS .....	xxiv
V. SUBMITTERS .....	xxiv
VI. SOURCE OF THE CONTENT FOR THIS OGC DOCUMENT .....	xxiv
VII. VALIDITY OF CONTENT .....	xxiv
VIII. FUTURE WORK .....	xxiv
IX. CONTRIBUTORS .....	xxv
1. SCOPE .....	2
2. CONFORMANCE .....	4
3. NORMATIVE REFERENCES .....	6
4. TERMS AND DEFINITIONS .....	8
5. CONVENTIONS .....	10
5.1. Identifiers .....	10
5.2. Other conventions .....	10
6. CORE .....	12
6.1. Class: geosrs:CoordinateSystem .....	12
6.2. Class: geosrs:CartesianCoordinateSystem .....	12
6.3. Class: geosrs:EllipsoidalCoordinateSystem .....	12
6.4. Class: geosrs:LinearCoordinateSystem .....	13
6.5. Class: geosrs:OrdinalCoordinateSystem .....	13
6.6. Class: geosrs:ParametricCoordinateSystem .....	14
6.7. Class: geosrs:PolarCoordinateSystem .....	14
6.8. Class: geosrs:SphericalCoordinateSystem .....	14
6.9. Class: geosrs:VerticalCoordinateSystem .....	15
6.10. Class: geosrs:CoordinateSystemAxis .....	15

6.11. Class: geosrs:AreaOfUse .....	15
6.12. Class: geosrs:CRS .....	16
6.13. Class: geosrs:EngineeringCRS .....	16
6.14. Class: geosrs:GeodeticCRS .....	16
6.15. Class: geosrs:GeographicCRS .....	17
6.16. Class: geosrs:ProjectedCRS .....	17
6.17. Class: geosrs:SingleCRS .....	17
6.18. Class: geosrs:SpatialReferenceSystem .....	18
6.19. Class: geosrs:CoordinateOperation .....	18
6.20. Class: geosrs:SingleOperation .....	19
6.21. Class: geosrs:Transformation .....	19
6.22. Class: geosrs:Conversion .....	19
6.23. Class: geosrs:OperationMethod .....	20
6.24. Class: geosrs:OperationParameter .....	20
6.25. Class: geosrs:OperationParameterValue .....	20
6.26. Class: geosrs:Datum .....	21
6.27. Class: geosrs:GeodeticDatum .....	21
6.28. Class: geosrs:PrimeMeridian .....	21
6.29. Class: geosrs:Ellipsoid .....	22
6.30. Class: geosrs:VerticalDatum .....	22
6.31. Property: geosrs:semiMajorAxis .....	23
6.32. Property: geosrs:semiMinorAxis .....	23
6.33. Property: geosrs:axis .....	23
6.34. Property: geosrs:baseCRS .....	24
6.35. Property: geosrs:coordinateSystem .....	24
6.36. Property: geosrs:datum .....	25
6.37. Property: geosrs:domainOfValidity .....	25
6.38. Property: geosrs:ellipsoid .....	26
6.39. Property: geosrs:sourceCRS .....	26
6.40. Property: geosrs:targetCRS .....	26
 7. COORDINATE OPERATION MODULE .....	 29
7.1. Property: geosrs:derivingConversion .....	29
7.2. Property: geosrs:method .....	29
7.3. Property: geosrs:parameter .....	29
 8. COORDINATE SYSTEM MODULE .....	 32
8.1. Class: geosrs:1DCoordinateSystem .....	32
8.2. Class: geosrs:3DCoordinateSystem .....	32
8.3. Class: geosrs:AffineCoordinateSystem .....	32
8.4. Class: geosrs:BarycentricCoordinateSystem .....	33
8.5. Class: geosrs:CelestialCoordinateSystem .....	33
8.6. Class: geosrs:ConicalCoordinateSystem .....	33
8.7. Class: geosrs:CurvilinearCoordinateSystem .....	34
8.8. Class: geosrs:CylindricalCoordinateSystem .....	34
8.9. Class: geosrs:EclipticCoordinateSystem .....	34
8.10. Class: geosrs:EngineeringCoordinateSystem .....	35

8.11. Class: geosrs:EquatorialCoordinateSystem .....	35
8.12. Class: geosrs:GalacticCoordinateSystem .....	36
8.13. Class: geosrs:GeodeticCoordinateSystem .....	36
8.14. Class: geosrs:GeographicalCoordinateSystem .....	36
8.15. Class: geosrs:GridCoordinateSystem .....	37
8.16. Class: geosrs:HexagonalCoordinateSystem .....	37
8.17. Class: geosrs:HorizontalCoordinateSystem .....	37
8.18. Class: geosrs:LocalCoordinateSystem .....	38
8.19. Class: geosrs:ObliqueCoordinateSystem .....	38
8.20. Class: geosrs:OrthogonalCoordinateSystem .....	38
8.21. Class: geosrs:PerifocalCoordinateSystem .....	39
8.22. Class: geosrs:PlanarCoordinateSystem .....	39
8.23. Class: geosrs:SkewCoordinateSystem .....	39
8.24. Class: geosrs:DateTimeTemporalCoordinateSystem .....	40
8.25. Class: geosrs:TemporalCountCoordinateSystem .....	40
8.26. Class: geosrs:TemporalCoordinateSystem .....	40
8.27. Class: geosrs:TemporalMeasureCoordinateSystem .....	41
8.28. Class: geosrs:SuperGalacticCS .....	41
8.29. Property: geosrs:axisDirection .....	41
8.30. Property: geosrs:cylindricalCS .....	42
 9. DATUM MODULE .....	 44
9.1. Class: geosrs:DynamicGeodeticReferenceFrame .....	44
9.2. Class: geosrs:TriaxialEllipsoid .....	44
9.3. Class: geosrs:DynamicVerticalDatum .....	44
9.4. Class: geosrs:ParametricDatum .....	45
9.5. Class: geosrs:DefiningParameter .....	45
9.6. Class: geosrs:EngineeringDatum .....	45
9.7. Class: geosrs:TemporalDatum .....	46
9.8. Class: geosrs:DatumEnsemble .....	46
9.9. Property: geosrs:inverseFlattening .....	47
9.10. Property: geosrs:primeMeridian .....	47
 10. SRS APPLICATION MODULE .....	 49
 11. PROJECTIONS MODULE .....	 51
11.1. Class: geosrs:A4Projection .....	51
11.2. Class: geosrs:AdamsProjection .....	51
11.3. Class: geosrs:AdamsWorldInASquareIIProjection .....	51
11.4. Class: geosrs:AdamsWorldInASquareIProjection .....	52
11.5. Class: geosrs:AiryProjection .....	52
11.6. Class: geosrs:AitoffObliqueProjection .....	52
11.7. Class: geosrs:AitoffProjection .....	52
11.8. Class: geosrs:AlbersEqualAreaProjection .....	53
11.9. Class: geosrs:AmericanPolyconicProjection .....	53
11.10. Class: geosrs:ApianGlobularIProjection .....	53
11.11. Class: geosrs:ApianIIProjection .....	54

11.12. Class: geosrs:ArchaicProjection .....	54
11.13. Class: geosrs:ArdenCloseProjection .....	54
11.14. Class: geosrs:ArmadilloProjection .....	54
11.15. Class: geosrs:AtlantisProjection .....	55
11.16. Class: geosrs:AugustEpicycloidalProjection .....	55
11.17. Class: geosrs:AuthaGraphProjection .....	55
11.18. Class: geosrs:AzimuthalEqualAreaProjection .....	55
11.19. Class: geosrs:AzimuthalEquidistantProjection .....	56
11.20. Class: geosrs:AzimuthalProjection .....	56
11.21. Class: geosrs:BSAMCylindricalProjection .....	56
11.22. Class: geosrs:BaconGlobularProjection .....	57
11.23. Class: geosrs:BakerDinomicProjection .....	57
11.24. Class: geosrs:BalthasartProjection .....	57
11.25. Class: geosrs:BaranyillIProjection .....	57
11.26. Class: geosrs:BaranyillIProjection .....	58
11.27. Class: geosrs:BaranyillIProjection .....	58
11.28. Class: geosrs:BaranyillIProjection .....	58
11.29. Class: geosrs:BartholomewProjection .....	59
11.30. Class: geosrs:BehrmannProjection .....	59
11.31. Class: geosrs:BerghausStarProjection .....	59
11.32. Class: geosrs:BertinProjection .....	59
11.33. Class: geosrs:BipolarObliqueConicConformalProjection .....	60
11.34. Class: geosrs:BoggsEumorphicProjection .....	60
11.35. Class: geosrs:BonneProjection .....	60
11.36. Class: geosrs:BottomleyProjection .....	61
11.37. Class: geosrs:BraunPerspectiveProjection .....	61
11.38. Class: geosrs:BraunStereographicProjection .....	61
11.39. Class: geosrs:BreusingGeometricProjection .....	61
11.40. Class: geosrs:BreusingHarmonicProjection .....	62
11.41. Class: geosrs:BriesemeisterProjection .....	62
11.42. Class: geosrs:BromleyProjection .....	62
11.43. Class: geosrs:CabotProjection .....	62
11.44. Class: geosrs:CahillKeyesProjection .....	63
11.45. Class: geosrs:CassiniProjection .....	63
11.46. Class: geosrs:CentralConicProjection .....	63
11.47. Class: geosrs:CentralCylindricalProjection .....	64
11.48. Class: geosrs:ChamberlinTrimetricProjection .....	64
11.49. Class: geosrs:CiricIProjection .....	64
11.50. Class: geosrs:CollignonButterflyProjection .....	64
11.51. Class: geosrs:CollignonProjection .....	65
11.52. Class: geosrs:ColombiaUrbanProjection .....	65
11.53. Class: geosrs:CompactMillerProjection .....	65
11.54. Class: geosrs:CompromiseProjection .....	65
11.55. Class: geosrs:ConformalProjection .....	66
11.56. Class: geosrs:ConicalProjection .....	66
11.57. Class: geosrs:CordiformProjection .....	66
11.58. Class: geosrs:CoxConformalProjection .....	66



11.59. Class: geosrs:CraigRetroazimuthalProjection .....	67
11.60. Class: geosrs:CrasterParabolicProjection .....	67
11.61. Class: geosrs:CupolaProjection .....	67
11.62. Class: geosrs:CylindricalEqualArea .....	67
11.63. Class: geosrs:CylindricalProjection .....	68
11.64. Class: geosrs:CylindricalStereographicProjection .....	68
11.65. Class: geosrs:DeakinMinimumErrorProjection .....	68
11.66. Class: geosrs:DedistortProjection .....	68
11.67. Class: geosrs:DenoyerSemiEllipticalProjection .....	69
11.68. Class: geosrs:DietrichKitadaProjection .....	69
11.69. Class: geosrs:DodecahedralProjection .....	69
11.70. Class: geosrs:DymaxionProjection .....	70
11.71. Class: geosrs:Eckert1Projection .....	70
11.72. Class: geosrs:Eckert2Projection .....	70
11.73. Class: geosrs:Eckert3Projection .....	70
11.74. Class: geosrs:Eckert4Projection .....	71
11.75. Class: geosrs:Eckert5Projection .....	71
11.76. Class: geosrs:Eckert6Projection .....	71
11.77. Class: geosrs:EisenlohrProjection .....	71
11.78. Class: geosrs:EqualAreaProjection .....	72
11.79. Class: geosrs:EqualEarthProjection .....	72
11.80. Class: geosrs:EquallySpacedParallelsProjection .....	72
11.81. Class: geosrs:EquidistantConicProjection .....	72
11.82. Class: geosrs:EquidistantCylindricalProjection .....	73
11.83. Class: geosrs:EquidistantProjection .....	73
11.84. Class: geosrs:EquirectangularProjection .....	73
11.85. Class: geosrs:FaheyProjection .....	74
11.86. Class: geosrs:FairgrieveProjection .....	74
11.87. Class: geosrs:FoucautProjection .....	74
11.88. Class: geosrs:FoucautSinusoidalProjection .....	74
11.89. Class: geosrs:FournierGlobularIProjection .....	75
11.90. Class: geosrs:FournierIIProjection .....	75
11.91. Class: geosrs:FranculaIProjection .....	75
11.92. Class: geosrs:FranculaIVProjection .....	75
11.93. Class: geosrs:FranculaIXProjection .....	76
11.94. Class: geosrs:FranculaVIIIProjection .....	76
11.95. Class: geosrs:FranculaVProjection .....	76
11.96. Class: geosrs:FranculaXIIIProjection .....	77
11.97. Class: geosrs:FranculaXIIProjection .....	77
11.98. Class: geosrs:FranculaXIVProjection .....	77
11.99. Class: geosrs:GS50Projection .....	77
11.100. Class: geosrs:GallStereographicProjection .....	78
11.101. Class: geosrs:GallPetersProjection .....	78
11.102. Class: geosrs:GallStereographicProjection .....	78
11.103. Class: geosrs:GaussKruegerProjection .....	78
11.104. Class: geosrs:GeneralVerticalPerspectiveProjection .....	79
11.105. Class: geosrs:GilbertTwoWorldPerspectiveProjection .....	79

11.106. Class: geosrs:GingeryProjection .....	79
11.107. Class: geosrs:GinzburgIIProjection .....	80
11.108. Class: geosrs:GinzburgIProjection .....	80
11.109. Class: geosrs:GinzburgIVProjection .....	80
11.110. Class: geosrs:GinzburgIXProjection .....	80
11.111. Class: geosrs:GinzburgVIIIProjection .....	81
11.112. Class: geosrs:GinzburgVIPProjection .....	81
11.113. Class: geosrs:GinzburgVProjection .....	81
11.114. Class: geosrs:GlobularProjection .....	81
11.115. Class: geosrs:GnomonicButterflyProjection .....	82
11.116. Class: geosrs:GnomonicCubedSphereProjection .....	82
11.117. Class: geosrs:GnomonicIcosahedronProjection .....	82
11.118. Class: geosrs:GnomonicProjection .....	83
11.119. Class: geosrs:GoodeHomolosineProjection .....	83
11.120. Class: geosrs:GottWagnerProjection .....	83
11.121. Class: geosrs:GringortenProjection .....	83
11.122. Class: geosrs:GringortenQuincuncialProjection .....	84
11.123. Class: geosrs:GuyouProjection .....	84
11.124. Class: geosrs:HEALPixProjection .....	84
11.125. Class: geosrs:HammerProjection .....	84
11.126. Class: geosrs:HammerRetroazimuthalProjection .....	85
11.127. Class: geosrs:HamusoidalProjection .....	85
11.128. Class: geosrs:HatanoAsymmetricalEqualAreaProjection .....	85
11.129. Class: geosrs:HerschelConformalConicProjection .....	86
11.130. Class: geosrs:HillEucyclicProjection .....	86
11.131. Class: geosrs:HoboDyerProjection .....	86
11.132. Class: geosrs:HufnagelIIIProjection .....	86
11.133. Class: geosrs:HufnagelIIProjection .....	87
11.134. Class: geosrs:HufnagelIProjection .....	87
11.135. Class: geosrs:HufnagelIVProjection .....	87
11.136. Class: geosrs:HufnagelIXProjection .....	87
11.137. Class: geosrs:HufnagelProjection .....	87
11.138. Class: geosrs:HufnagelVIIIProjection .....	88
11.139. Class: geosrs:HufnagelVIIProjection .....	88
11.140. Class: geosrs:HufnagelVIPProjection .....	88
11.141. Class: geosrs:HufnagelVProjection .....	88
11.142. Class: geosrs:HufnagelXIIProjection .....	89
11.143. Class: geosrs:HufnagelXIProjection .....	89
11.144. Class: geosrs:HufnagelXProjection .....	89
11.145. Class: geosrs:IcosahedralProjection .....	89
11.146. Class: geosrs:InterruptedGoodeHomolosineOceanicViewProjection .....	90
11.147. Class: geosrs:InterruptedGoodeHomolosineProjection .....	90
11.148. Class: geosrs:InterruptedQuarticAuthalicProjection .....	90
11.149. Class: geosrs:JamesAzimuthalProjection .....	90
11.150. Class: geosrs:KamenetskiyIProjection .....	91
11.151. Class: geosrs:KarchenkoShabanovaProjection .....	91
11.152. Class: geosrs:Kavrayskiy7Projection .....	91



11.153. Class: geosrs:KissProjection .....	92
11.154. Class: geosrs:Krovak .....	92
11.155. Class: geosrs:LaHireProjection .....	92
11.156. Class: geosrs:LabordeProjection .....	92
11.157. Class: geosrs:LagrangeProjection .....	93
11.158. Class: geosrs:LambertAzimuthalEqualArea .....	93
11.159. Class: geosrs:LambertConformalConicProjection .....	93
11.160. Class: geosrs:LambertCylindricalEqualAreaProjection .....	94
11.161. Class: geosrs:LarriveeProjection .....	94
11.162. Class: geosrs:LaskowskiProjection .....	94
11.163. Class: geosrs:LatLonProjection .....	94
11.164. Class: geosrs:LeeProjection .....	95
11.165. Class: geosrs:LenticularProjection .....	95
11.166. Class: geosrs:LittrowProjection .....	95
11.167. Class: geosrs:LonLatProjection .....	95
11.168. Class: geosrs:LorgnaProjection .....	96
11.169. Class: geosrs:LowryProjection .....	96
11.170. Class: geosrs:LoximuthalProjection .....	96
11.171. Class: geosrs:MaurerNo73Projection .....	96
11.172. Class: geosrs:MayrProjection .....	97
11.173. Class: geosrs:McBrydeThomasFlatPolarParabolicProjection .....	97
11.174. Class: geosrs:McBrydeThomasFlatPolarQuarticProjection .....	97
11.175. Class: geosrs:McBrydeThomasFlatPolarSinusoidalProjection .....	98
11.176. Class: geosrs:McBrydeThomasIIProjection .....	98
11.177. Class: geosrs:McBrydeThomasIProjection .....	98
11.178. Class: geosrs:MercatorProjection .....	98
11.179. Class: geosrs:MillerOblatedStereographicProjection .....	99
11.180. Class: geosrs:MillerProjection .....	99
11.181. Class: geosrs:MinimumErrorProjection .....	99
11.182. Class: geosrs:MollweideProjection .....	100
11.183. Class: geosrs:MurdochIIIProjection .....	100
11.184. Class: geosrs:MurdochIIProjection .....	100
11.185. Class: geosrs:MurdochIProjection .....	100
11.186. Class: geosrs:MyrahedalProjection .....	101
11.187. Class: geosrs:NaturalEarth2Projection .....	101
11.188. Class: geosrs:NaturalEarthProjection .....	101
11.189. Class: geosrs:NellHammerProjection .....	102
11.190. Class: geosrs:NellProjection .....	102
11.191. Class: geosrs:NicolosiGlobularProjection .....	102
11.192. Class: geosrs:NordicProjection .....	102
11.193. Class: geosrs:ObliqueCylindricalEqualAreaProjection .....	103
11.194. Class: geosrs:ObliqueMercatorProjection .....	103
11.195. Class: geosrs:ObliquePlateCarreeProjection .....	103
11.196. Class: geosrs:ObliqueProjection .....	104
11.197. Class: geosrs:ObliqueStereographicProjection .....	104
11.198. Class: geosrs:OctantProjection .....	104
11.199. Class: geosrs:OrteliusOvalProjection .....	104

11.200. Class: geosrs:OrthographicProjection .....	105
11.201. Class: geosrs:OvalProjection .....	105
11.202. Class: geosrs:PattersonCylindricalProjection .....	105
11.203. Class: geosrs:PavlovProjection .....	105
11.204. Class: geosrs:PeirceQuincuncialProjection .....	106
11.205. Class: geosrs:PerspectiveConicProjection .....	106
11.206. Class: geosrs:PerspectiveProjection .....	106
11.207. Class: geosrs:PetermannStarProjection .....	106
11.208. Class: geosrs:PlateCarreeProjection .....	107
11.209. Class: geosrs:PoleLineProjection .....	107
11.210. Class: geosrs:PolyconicProjection .....	107
11.211. Class: geosrs:PolyhedralProjection .....	107
11.212. Class: geosrs:Projection .....	108
11.213. Class: geosrs:PseudoAzimuthalProjection .....	108
11.214. Class: geosrs:PseudoConicalProjection .....	108
11.215. Class: geosrs:PseudoCylindricalProjection .....	108
11.216. Class: geosrs:PseudoOrthographicProjection .....	109
11.217. Class: geosrs:PtolemyIIProjection .....	109
11.218. Class: geosrs:PtolemyIProjection .....	109
11.219. Class: geosrs:PutninsP1Projection .....	109
11.220. Class: geosrs:PutninsP2Projection .....	110
11.221. Class: geosrs:PutninsP3Projection .....	110
11.222. Class: geosrs:PutninsP5Projection .....	110
11.223. Class: geosrs:PutninsP6Projection .....	110
11.224. Class: geosrs:QuadrilateralizedSphericalCubeProjection .....	111
11.225. Class: geosrs:QuarticAuthalicProjection .....	111
11.226. Class: geosrs:RectangularPolyconicProjection .....	111
11.227. Class: geosrs:RetroazimuthalProjection .....	112
11.228. Class: geosrs:RobinsonProjection .....	112
11.229. Class: geosrs:RoussilheProjection .....	112
11.230. Class: geosrs:SchjernerIProjection .....	112
11.231. Class: geosrs:SinusoidalProjection .....	113
11.232. Class: geosrs:SmythEqualSurfaceProjection .....	113
11.233. Class: geosrs:SpaceObliqueMercatorProjection .....	113
11.234. Class: geosrs:SpilhausOceanicProjection .....	113
11.235. Class: geosrs:StabiusWernerIIIProjection .....	114
11.236. Class: geosrs:StabiusWernerIIProjection .....	114
11.237. Class: geosrs:StabiusWernerIProjection .....	114
11.238. Class: geosrs:StereographicProjection .....	114
11.239. Class: geosrs:Strebe1995Projection .....	115
11.240. Class: geosrs:TheTimesProjection .....	115
11.241. Class: geosrs:TiltedPerspectiveProjection .....	115
11.242. Class: geosrs:ToblerCylindricalIProjection .....	115
11.243. Class: geosrs:ToblerCylindricalIIProjection .....	116
11.244. Class: geosrs:ToblerG1Projection .....	116
11.245. Class: geosrs:ToblerHyperellipticalProjection .....	116
11.246. Class: geosrs:ToblerWorldInASquareProjection .....	117

11.247. Class: geosrs:TransverseCylindricalEqualAreaProjection .....	117
11.248. Class: geosrs:TransverseMercatorProjection .....	117
11.249. Class: geosrs:TrystanEdwardsProjection .....	117
11.250. Class: geosrs:TwoPointEquidistantProjection .....	118
11.251. Class: geosrs:UniversalTransverseMercatorProjection .....	118
11.252. Class: geosrs:UrmayevIIIProjection .....	118
11.253. Class: geosrs:VanDerGrintenIIIProjection .....	119
11.254. Class: geosrs:VanDerGrintenIIProjection .....	119
11.255. Class: geosrs:VanDerGrintenIProjection .....	119
11.256. Class: geosrs:VanDerGrintenIVProjection .....	119
11.257. Class: geosrs:VerticalPerspectiveProjection .....	120
11.258. Class: geosrs:VitkovskylIProjection .....	120
11.259. Class: geosrs:WagnerIIIProjection .....	120
11.260. Class: geosrs:WagnerIIProjection .....	120
11.261. Class: geosrs:WagnerIProjection .....	121
11.262. Class: geosrs:WagnerIVProjection .....	121
11.263. Class: geosrs:WagnerIXProjection .....	121
11.264. Class: geosrs:WagnerVIIIProjection .....	122
11.265. Class: geosrs:WagnerVIIProjection .....	122
11.266. Class: geosrs:WagnerVIProjection .....	122
11.267. Class: geosrs:WagnerVProjection .....	122
11.268. Class: geosrs:WatermanButterflyProjection .....	123
11.269. Class: geosrs:WebMercatorProjection .....	123
11.270. Class: geosrs:WerenskioldIProjection .....	123
11.271. Class: geosrs:WernerProjection .....	123
11.272. Class: geosrs:WiechelProjection .....	124
11.273. Class: geosrs:WinkelIIIProjection .....	124
11.274. Class: geosrs:WinkelIIProjection .....	124
11.275. Class: geosrs:WinkelSnyderProjection .....	125
11.276. Class: geosrs:WinkelTripelProjection .....	125
11.277. Class: geosrs:PutninsP3'Projection .....	125
11.278. Class: geosrs:PutninsP4'Projection .....	125
11.279. Class: geosrs:PutninsP5'Projection .....	126
11.280. Class: geosrs:PutninsP6'Projection .....	126
11.281. Class: geosrs:MollweideWagnerProjection .....	126
 12. PLANET MODULE .....	 128
 ANNEX A (INFORMATIVE) ALIGNMENTS .....	 130
Overview .....	
A.1. IGN Ontology .....	130
 ANNEX B (INFORMATIVE) SHACL SHAPES .....	 134
Overview .....	
 ANNEX C (INFORMATIVE) REVISION HISTORY .....	 136

BIBLIOGRAPHY .....	138
--------------------	-----

## LIST OF TABLES

---

Table 1 – geosrs:CoordinateSystem .....	12
Table 2 – geosrs:CartesianCoordinateSystem .....	12
Table 3 – geosrs:EllipsoidalCoordinateSystem .....	13
Table 4 – geosrs:LinearCoordinateSystem .....	13
Table 5 – geosrs:OrdinalCoordinateSystem .....	13
Table 6 – geosrs:ParametricCoordinateSystem .....	14
Table 7 – geosrs:PolarCoordinateSystem .....	14
Table 8 – geosrs:SphericalCoordinateSystem .....	14
Table 9 – geosrs:VerticalCoordinateSystem .....	15
Table 10 – geosrs:CoordinateSystemAxis .....	15
Table 11 – geosrs:AreaOfUse .....	16
Table 12 – geosrs:CRS .....	16
Table 13 – geosrs:EngineeringCRS .....	16
Table 14 – geosrs:GeodeticCRS .....	17
Table 15 – geosrs:GeographicCRS .....	17
Table 16 – geosrs:ProjectedCRS .....	17
Table 17 – geosrs:SingleCRS .....	18
Table 18 – geosrs:SpatialReferenceSystem .....	18
Table 19 – geosrs:CoordinateOperation .....	18
Table 20 – geosrs:SingleOperation .....	19
Table 21 – geosrs:Transformation .....	19
Table 22 – geosrs:Conversion .....	19
Table 23 – geosrs:OperationMethod .....	20
Table 24 – geosrs:OperationParameter .....	20
Table 25 – geosrs:OperationParameterValue .....	20
Table 26 – geosrs:Datum .....	21
Table 27 – geosrs:GeodeticDatum .....	21
Table 28 – geosrs:PrimeMeridian .....	22
Table 29 – geosrs:Ellipsoid .....	22
Table 30 – geosrs:VerticalDatum .....	22
Table 31 – geosrs:semiMajorAxis .....	23
Table 32 – geosrs:semiMinorAxis .....	23
Table 33 – geosrs:axis .....	24
Table 34 – geosrs:baseCRS .....	24
Table 35 – geosrs:coordinateSystem .....	24

Table 36 – geosrs:datum .....	25
Table 37 – geosrs:domainOfValidity .....	25
Table 38 – geosrs:ellipsoid .....	26
Table 39 – geosrs:sourceCRS .....	26
Table 40 – geosrs:targetCRS .....	27
Table 41 – geosrs:derivingConversion .....	29
Table 42 – geosrs:method .....	29
Table 43 – geosrs:parameter .....	30
Table 44 – geosrs:1DCoordinateSystem .....	32
Table 45 – geosrs:3DCoordinateSystem .....	32
Table 46 – geosrs:AffineCoordinateSystem .....	32
Table 47 – geosrs:BarycentricCoordinateSystem .....	33
Table 48 – geosrs:CelestialCoordinateSystem .....	33
Table 49 – geosrs:ConicalCoordinateSystem .....	33
Table 50 – geosrs:CurvilinearCoordinateSystem .....	34
Table 51 – geosrs:CylindricalCoordinateSystem .....	34
Table 52 – geosrs:EclipticCoordinateSystem .....	35
Table 53 – geosrs:EngineeringCoordinateSystem .....	35
Table 54 – geosrs:EquatorialCoordinateSystem .....	35
Table 55 – geosrs:GalacticCoordinateSystem .....	36
Table 56 – geosrs:GeodeticCoordinateSystem .....	36
Table 57 – geosrs:GeographicalCoordinateSystem .....	36
Table 58 – geosrs:GridCoordinateSystem .....	37
Table 59 – geosrs:HexagonalCoordinateSystem .....	37
Table 60 – geosrs:HorizontalCoordinateSystem .....	37
Table 61 – geosrs:LocalCoordinateSystem .....	38
Table 62 – geosrs:ObliqueCoordinateSystem .....	38
Table 63 – geosrs:OrthogonalCoordinateSystem .....	38
Table 64 – geosrs:PerifocalCoordinateSystem .....	39
Table 65 – geosrs:PlanarCoordinateSystem .....	39
Table 66 – geosrs:SkewCoordinateSystem .....	39
Table 67 – geosrs:DateTimeTemporalCoordinateSystem .....	40
Table 68 – geosrs:TemporalCountCoordinateSystem .....	40
Table 69 – geosrs:TemporalCoordinateSystem .....	40
Table 70 – geosrs:TemporalMeasureCoordinateSystem .....	41
Table 71 – geosrs:SuperGalacticCS .....	41
Table 72 – geosrs:axisDirection .....	41
Table 73 – geosrs:cylindricalCS .....	42
Table 74 – geosrs:DynamicGeodeticReferenceFrame .....	44
Table 75 – geosrs:TriaxialEllipsoid .....	44
Table 76 – geosrs:DynamicVerticalDatum .....	44

Table 77 – geosrs:ParametricDatum .....	45
Table 78 – geosrs:DefiningParameter .....	45
Table 79 – geosrs:EngineeringDatum .....	46
Table 80 – geosrs:TemporalDatum .....	46
Table 81 – geosrs:DatumEnsemble .....	46
Table 82 – geosrs:inverseFlattening .....	47
Table 83 – geosrs:primeMeridian .....	47
Table 84 – geosrs:A4Projection .....	51
Table 85 – geosrs:AdamsProjection .....	51
Table 86 – geosrs:AdamsWorldInASquareIIProjection .....	51
Table 87 – geosrs:AdamsWorldInASquareIProjection .....	52
Table 88 – geosrs:AiryProjection .....	52
Table 89 – geosrs:AitoffObliqueProjection .....	52
Table 90 – geosrs:AitoffProjection .....	53
Table 91 – geosrs:AlbersEqualAreaProjection .....	53
Table 92 – geosrs:AmericanPolyconicProjection .....	53
Table 93 – geosrs:ApianGlobularIProjection .....	53
Table 94 – geosrs:ApianIIProjection .....	54
Table 95 – geosrs:ArchaicProjection .....	54
Table 96 – geosrs:ArdenCloseProjection .....	54
Table 97 – geosrs:ArmadilloProjection .....	54
Table 98 – geosrs:AtlantisProjection .....	55
Table 99 – geosrs:AugustEpicycloidalProjection .....	55
Table 100 – geosrs:AuthaGraphProjection .....	55
Table 101 – geosrs:AzimuthalEqualAreaProjection .....	56
Table 102 – geosrs:AzimuthalEquidistantProjection .....	56
Table 103 – geosrs:AzimuthalProjection .....	56
Table 104 – geosrs:BSAMCylindricalProjection .....	56
Table 105 – geosrs:BaconGlobularProjection .....	57
Table 106 – geosrs:BakerDinomicProjection .....	57
Table 107 – geosrs:BalthasartProjection .....	57
Table 108 – geosrs:BaranyiIIIProjection .....	58
Table 109 – geosrs:BaranyiIIProjection .....	58
Table 110 – geosrs:BaranyiIProjection .....	58
Table 111 – geosrs:BaranyiIVProjection .....	58
Table 112 – geosrs:BartholomewProjection .....	59
Table 113 – geosrs:BehrmannProjection .....	59
Table 114 – geosrs:BerghausStarProjection .....	59
Table 115 – geosrs:BertinProjection .....	60
Table 116 – geosrs:BipolarObliqueConicConformalProjection .....	60
Table 117 – geosrs:BoggsEumorphicProjection .....	60



Table 118 – geosrs:BonneProjection .....	60
Table 119 – geosrs:BottomleyProjection .....	61
Table 120 – geosrs:BraunPerspectiveProjection .....	61
Table 121 – geosrs:BraunStereographicProjection .....	61
Table 122 – geosrs:BreusingGeometricProjection .....	61
Table 123 – geosrs:BreusingHarmonicProjection .....	62
Table 124 – geosrs:BriesemeisterProjection .....	62
Table 125 – geosrs:BromleyProjection .....	62
Table 126 – geosrs:CabotProjection .....	63
Table 127 – geosrs:CahillKeyesProjection .....	63
Table 128 – geosrs:CassiniProjection .....	63
Table 129 – geosrs:CentralConicProjection .....	63
Table 130 – geosrs:CentralCylindricalProjection .....	64
Table 131 – geosrs:ChamberlinTrimetricProjection .....	64
Table 132 – geosrs:CiricIProjection .....	64
Table 133 – geosrs:CollignonButterflyProjection .....	64
Table 134 – geosrs:CollignonProjection .....	65
Table 135 – geosrs:ColombiaUrbanProjection .....	65
Table 136 – geosrs:CompactMillerProjection .....	65
Table 137 – geosrs:CompromiseProjection .....	66
Table 138 – geosrs:ConformalProjection .....	66
Table 139 – geosrs:ConicalProjection .....	66
Table 140 – geosrs:CordiformProjection .....	66
Table 141 – geosrs:CoxConformalProjection .....	66
Table 142 – geosrs:CraigRetroazimuthalProjection .....	67
Table 143 – geosrs:CrasterParabolicProjection .....	67
Table 144 – geosrs:CupolaProjection .....	67
Table 145 – geosrs:CylindricalEqualArea .....	67
Table 146 – geosrs:CylindricalProjection .....	68
Table 147 – geosrs:CylindricalStereographicProjection .....	68
Table 148 – geosrs:DeakinMinimumErrorProjection .....	68
Table 149 – geosrs:DedistortProjection .....	69
Table 150 – geosrs:DenoyerSemiEllipticalProjection .....	69
Table 151 – geosrs:DietrichKitadaProjection .....	69
Table 152 – geosrs:DodecahedralProjection .....	69
Table 153 – geosrs:DymaxionProjection .....	70
Table 154 – geosrs:Eckert1Projection .....	70
Table 155 – geosrs:Eckert2Projection .....	70
Table 156 – geosrs:Eckert3Projection .....	70
Table 157 – geosrs:Eckert4Projection .....	71
Table 158 – geosrs:Eckert5Projection .....	71

Table 159 – geosrs:Eckert6Projection .....	71
Table 160 – geosrs:EisenlohrProjection .....	72
Table 161 – geosrs:EqualAreaProjection .....	72
Table 162 – geosrs:EqualEarthProjection .....	72
Table 163 – geosrs:EquallySpacedParallelsProjection .....	72
Table 164 – geosrs:EquidistantConicProjection .....	73
Table 165 – geosrs:EquidistantCylindricalProjection .....	73
Table 166 – geosrs:EquidistantProjection .....	73
Table 167 – geosrs:EquirectangularProjection .....	73
Table 168 – geosrs:FaheyProjection .....	74
Table 169 – geosrs:FairgrieveProjection .....	74
Table 170 – geosrs:FoucautProjection .....	74
Table 171 – geosrs:FoucautSinusoidalProjection .....	74
Table 172 – geosrs:FournierGlobularIProjection .....	75
Table 173 – geosrs:FournierIIProjection .....	75
Table 174 – geosrs:FranculaIProjection .....	75
Table 175 – geosrs:FranculaIVProjection .....	76
Table 176 – geosrs:FranculaIXProjection .....	76
Table 177 – geosrs:FranculaVIIIProjection .....	76
Table 178 – geosrs:FranculaVProjection .....	76
Table 179 – geosrs:FranculaXIIIProjection .....	77
Table 180 – geosrs:FranculaXIIProjection .....	77
Table 181 – geosrs:FranculaXIVProjection .....	77
Table 182 – geosrs:GS50Projection .....	77
Table 183 – geosrs:GallIsographicProjection .....	78
Table 184 – geosrs:GallPetersProjection .....	78
Table 185 – geosrs:GallStereographicProjection .....	78
Table 186 – geosrs:GaussKruegerProjection .....	79
Table 187 – geosrs:GeneralVerticalPerspectiveProjection .....	79
Table 188 – geosrs:GilbertTwoWorldPerspectiveProjection .....	79
Table 189 – geosrs:GingeryProjection .....	79
Table 190 – geosrs:GinzburgIIProjection .....	80
Table 191 – geosrs:GinzburgIProjection .....	80
Table 192 – geosrs:GinzburgIVProjection .....	80
Table 193 – geosrs:GinzburgIXProjection .....	80
Table 194 – geosrs:GinzburgVIIIProjection .....	81
Table 195 – geosrs:GinzburgVIProjection .....	81
Table 196 – geosrs:GinzburgVProjection .....	81
Table 197 – geosrs:GlobularProjection .....	82
Table 198 – geosrs:GnomonicButterflyProjection .....	82
Table 199 – geosrs:GnomonicCubedSphereProjection .....	82

Table 200 – geosrs:GnomonicCosahedronProjection .....	82
Table 201 – geosrs:GnomonicProjection .....	83
Table 202 – geosrs:GoodeHomolosineProjection .....	83
Table 203 – geosrs:GottWagnerProjection .....	83
Table 204 – geosrs:GringortenProjection .....	83
Table 205 – geosrs:GringortenQuincuncialProjection .....	84
Table 206 – geosrs:GuyouProjection .....	84
Table 207 – geosrs:HEALPixProjection .....	84
Table 208 – geosrs:HammerProjection .....	85
Table 209 – geosrs:HammerRetroazimuthalProjection .....	85
Table 210 – geosrs:HamusoidalProjection .....	85
Table 211 – geosrs:HatanoAsymmetricalEqualAreaProjection .....	85
Table 212 – geosrs:HerschelConformalConicProjection .....	86
Table 213 – geosrs:HillEucyclicProjection .....	86
Table 214 – geosrs:HoboDyerProjection .....	86
Table 215 – geosrs:HufnagelIIIProjection .....	86
Table 216 – geosrs:HufnagelIIProjection .....	87
Table 217 – geosrs:HufnagelIProjection .....	87
Table 218 – geosrs:HufnagelIVProjection .....	87
Table 219 – geosrs:HufnagelIXProjection .....	87
Table 220 – geosrs:HufnagelProjection .....	88
Table 221 – geosrs:HufnagelVIIIProjection .....	88
Table 222 – geosrs:HufnagelVIIProjection .....	88
Table 223 – geosrs:HufnagelVIProjection .....	88
Table 224 – geosrs:HufnagelVProjection .....	88
Table 225 – geosrs:HufnagelXIIProjection .....	89
Table 226 – geosrs:HufnagelXIProjection .....	89
Table 227 – geosrs:HufnagelXProjection .....	89
Table 228 – geosrs:IcosahedralProjection .....	89
Table 229 – geosrs:InterruptedGoodeHomolosineOceanicViewProjection .....	90
Table 230 – geosrs:InterruptedGoodeHomolosineProjection .....	90
Table 231 – geosrs:InterruptedQuarticAuthalicProjection .....	90
Table 232 – geosrs:JamesAzimuthalProjection .....	91
Table 233 – geosrs:KamenetskiyIProjection .....	91
Table 234 – geosrs:KarchenkoShabanovaProjection .....	91
Table 235 – geosrs:Kavrayskiy7Projection .....	91
Table 236 – geosrs:KissProjection .....	92
Table 237 – geosrs:Krovak .....	92
Table 238 – geosrs:LaHireProjection .....	92
Table 239 – geosrs:LabordeProjection .....	92
Table 240 – geosrs:LagrangeProjection .....	93

Table 241 – geosrs:LambertAzimuthalEqualArea .....	93
Table 242 – geosrs:LambertConformalConicProjection .....	93
Table 243 – geosrs:LambertCylindricalEqualAreaProjection .....	94
Table 244 – geosrs:LarriveeProjection .....	94
Table 245 – geosrs:LaskowskiProjection .....	94
Table 246 – geosrs:LatLonProjection .....	95
Table 247 – geosrs:LeeProjection .....	95
Table 248 – geosrs:LenticularProjection .....	95
Table 249 – geosrs:LittrowProjection .....	95
Table 250 – geosrs:LonLatProjection .....	96
Table 251 – geosrs:LorgnaProjection .....	96
Table 252 – geosrs:LowryProjection .....	96
Table 253 – geosrs:LoximuthalProjection .....	96
Table 254 – geosrs:MaurerNo73Projection .....	97
Table 255 – geosrs:MayrProjection .....	97
Table 256 – geosrs:McBrydeThomasFlatPolarParabolicProjection .....	97
Table 257 – geosrs:McBrydeThomasFlatPolarQuarticProjection .....	97
Table 258 – geosrs:McBrydeThomasFlatPolarSinusoidalProjection .....	98
Table 259 – geosrs:McBrydeThomasIIProjection .....	98
Table 260 – geosrs:McBrydeThomasIProjection .....	98
Table 261 – geosrs:MercatorProjection .....	99
Table 262 – geosrs:MillerOblatedStereographicProjection .....	99
Table 263 – geosrs:MillerProjection .....	99
Table 264 – geosrs:MinimumErrorProjection .....	99
Table 265 – geosrs:MollweideProjection .....	100
Table 266 – geosrs:MurdochIIIProjection .....	100
Table 267 – geosrs:MurdochIIProjection .....	100
Table 268 – geosrs:MurdochIProjection .....	100
Table 269 – geosrs:MyrahedalProjection .....	101
Table 270 – geosrs:NaturalEarth2Projection .....	101
Table 271 – geosrs:NaturalEarthProjection .....	101
Table 272 – geosrs:NellHammerProjection .....	102
Table 273 – geosrs:NellProjection .....	102
Table 274 – geosrs:NicolosiGlobularProjection .....	102
Table 275 – geosrs:NordicProjection .....	102
Table 276 – geosrs:ObliqueCylindricalEqualAreaProjection .....	103
Table 277 – geosrs:ObliqueMercatorProjection .....	103
Table 278 – geosrs:ObliquePlateCarreeProjection .....	103
Table 279 – geosrs:ObliqueProjection .....	104
Table 280 – geosrs:ObliqueStereographicProjection .....	104
Table 281 – geosrs:OctantProjection .....	104

Table 282 – geosrs:OrteliusOvalProjection .....	104
Table 283 – geosrs:OrthographicProjection .....	105
Table 284 – geosrs:OvalProjection .....	105
Table 285 – geosrs:PattersonCylindricalProjection .....	105
Table 286 – geosrs:PavlovProjection .....	105
Table 287 – geosrs:PeirceQuincuncialProjection .....	106
Table 288 – geosrs:PerspectiveConicProjection .....	106
Table 289 – geosrs:PerspectiveProjection .....	106
Table 290 – geosrs:PetermannStarProjection .....	106
Table 291 – geosrs:PlateCarreeProjection .....	107
Table 292 – geosrs:PoleLineProjection .....	107
Table 293 – geosrs:PolyconicProjection .....	107
Table 294 – geosrs:PolyhedralProjection .....	107
Table 295 – geosrs:Projection .....	108
Table 296 – geosrs:PseudoAzimuthalProjection .....	108
Table 297 – geosrs:PseudoConicalProjection .....	108
Table 298 – geosrs:PseudoCylindricalProjection .....	108
Table 299 – geosrs:PseudoOrthographicProjection .....	109
Table 300 – geosrs:PtolemyIIProjection .....	109
Table 301 – geosrs:PtolemyIProjection .....	109
Table 302 – geosrs:PutninsP1Projection .....	109
Table 303 – geosrs:PutninsP2Projection .....	110
Table 304 – geosrs:PutninsP3Projection .....	110
Table 305 – geosrs:PutninsP5Projection .....	110
Table 306 – geosrs:PutninsP6Projection .....	110
Table 307 – geosrs:QuadrilateralizedSphericalCubeProjection .....	111
Table 308 – geosrs:QuarticAuthalicProjection .....	111
Table 309 – geosrs:RectangularPolyconicProjection .....	111
Table 310 – geosrs:RetroazimuthalProjection .....	112
Table 311 – geosrs:RobinsonProjection .....	112
Table 312 – geosrs:RoussilheProjection .....	112
Table 313 – geosrs:SchjernerIProjection .....	112
Table 314 – geosrs:SinusoidalProjection .....	113
Table 315 – geosrs:SmythEqualSurfaceProjection .....	113
Table 316 – geosrs:SpaceObliqueMercatorProjection .....	113
Table 317 – geosrs:SpilhausOceanicProjection .....	113
Table 318 – geosrs:StabiusWernerIIIProjection .....	114
Table 319 – geosrs:StabiusWernerIIProjection .....	114
Table 320 – geosrs:StabiusWernerIProjection .....	114
Table 321 – geosrs:StereographicProjection .....	114
Table 322 – geosrs:Strebe1995Projection .....	115

Table 323 – geosrs:TheTimesProjection .....	115
Table 324 – geosrs:TiltedPerspectiveProjection .....	115
Table 325 – geosrs:ToblerCylindricalIIIProjection .....	116
Table 326 – geosrs:ToblerCylindricalIIProjection .....	116
Table 327 – geosrs:ToblerG1Projection .....	116
Table 328 – geosrs:ToblerHyperellipticalProjection .....	116
Table 329 – geosrs:ToblerWorldInASquareProjection .....	117
Table 330 – geosrs:TransverseCylindricalEqualAreaProjection .....	117
Table 331 – geosrs:TransverseMercatorProjection .....	117
Table 332 – geosrs:TrystanEdwardsProjection .....	118
Table 333 – geosrs:TwoPointEquidistantProjection .....	118
Table 334 – geosrs:UniversalTransverseMercatorProjection .....	118
Table 335 – geosrs:UrmayevIIIProjection .....	118
Table 336 – geosrs:VanDerGrintenIIIProjection .....	119
Table 337 – geosrs:VanDerGrintenIIProjection .....	119
Table 338 – geosrs:VanDerGrintenIProjection .....	119
Table 339 – geosrs:VanDerGrintenIVProjection .....	119
Table 340 – geosrs:VerticalPerspectiveProjection .....	120
Table 341 – geosrs:VitkovskyIProjection .....	120
Table 342 – geosrs:WagnerIIIProjection .....	120
Table 343 – geosrs:WagnerIIProjection .....	121
Table 344 – geosrs:WagnerIProjection .....	121
Table 345 – geosrs:WagnerIVProjection .....	121
Table 346 – geosrs:WagnerIXProjection .....	121
Table 347 – geosrs:WagnerVIIIProjection .....	122
Table 348 – geosrs:WagnerVIIProjection .....	122
Table 349 – geosrs:WagnerVIProjection .....	122
Table 350 – geosrs:WagnerVProjection .....	122
Table 351 – geosrs:WatermanButterflyProjection .....	123
Table 352 – geosrs:WebMercatorProjection .....	123
Table 353 – geosrs:WerenskioldIProjection .....	123
Table 354 – geosrs:WernerProjection .....	124
Table 355 – geosrs:WiechelProjection .....	124
Table 356 – geosrs:WinkelIIIProjection .....	124
Table 357 – geosrs:WinkelIIProjection .....	124
Table 358 – geosrs:WinkelSnyderProjection .....	125
Table 359 – geosrs:WinkelTripelProjection .....	125
Table 360 – geosrs:PutninsP3'Projection .....	125
Table 361 – geosrs:PutninsP4'Projection .....	125
Table 362 – geosrs:PutninsP5'Projection .....	126
Table 363 – geosrs:PutninsP6'Projection .....	126



Table 364 – geosrs:MollweideWagnerProjection .....	126
Table A.1 – Alignment: Namespaces .....	130
Table A.2 – Alignment: IGN Ontology .....	131
Table A.3 – Alignment: IFC Ontology .....	131



## ABSTRACT

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## KEYWORDS

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1

# SCOPE

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2

# CONFORMANCE

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## 2

## CONFORMANCE

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**NOTE:** Provide a short description of the content approached in subsequent sections and the main subject of the document



3

# NORMATIVE REFERENCES

---

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

*Identification of Common Molecular Subsequences.* Smith, T.F., Waterman, M.S., J. Mol. Biol. 147, 195–197 (1981)

*ZIB Structure Prediction Pipeline: Composing a Complex Biological Workflow through Web Services.* May, P., Ehrlich, H.C., Steinke, T. In: Nagel, W.E., Walter, W.V., Lehner, W. (eds.) Euro-Par 2006. LNCS, vol. 4128, pp. 1148–1158. Springer, Heidelberg (2006)

*The Grid: Blueprint for a New Computing Infrastructure.*, Foster, I., Kesselman, C.. Morgan Kaufmann, San Francisco (1999).

*Grid Information Services for Distributed Resource Sharing.* Czajkowski, K., Fitzgerald, S., Foster, I., Kesselman, C. In: 10th IEEE International Symposium on High Performance Distributed Computing, pp. 181–184. IEEE Press, New York (2001)



4

# TERMS AND DEFINITIONS

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This document uses the terms defined in OGC Policy Directive 49, which is based on the ISO/IEC Directives, Part 2, Rules for the structure and drafting of International Standards. In particular, the word “shall” (not “must”) is the verb form used to indicate a requirement to be strictly followed to conform to this document and OGC documents do not use the equivalent phrases in the ISO/IEC Directives, Part 2.

This document also uses terms defined in the OGC Standard for Modular specifications (OGC 08-131r3), also known as the ‘ModSpec’. The definitions of terms such as standard, specification, requirement, and conformance test are provided in the ModSpec.

For the purposes of this document, the following additional terms and definitions apply.

## 4.1. example term

---

term used for exemplary purposes

**Note 1 to entry:** An example note.

Example      Here’s an example of an example term.

[SOURCE: ]



5

# CONVENTIONS

---

**NOTE:** This section provides details and examples for any conventions used in the document. Examples of conventions are symbols, abbreviations, use of XML schema, or special notes regarding how to read the document.

## 5.1. Identifiers

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The normative provisions in this standard are denoted by the URI

<http://www.opengis.net/spec/{standard}/{m.n}>

All requirements and conformance tests that appear in this document are denoted by partial URIs which are relative to this base.

## 5.2. Other conventions

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<Place any other convention needed with its corresponding title>



6

# CORE

---

This clause establishes the **Core** Requirements class, with IRI /req/core, which has a corresponding Conformance Class, **Core**, with IRI /conf/core.

## 6.1. Class: geosrs:CoordinateSystem

**Table 1** — geosrs:CoordinateSystem

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/cs/CoordinateSystem">https://w3id.org/geosrs/cs/CoordinateSystem</a>
Definition	Set of axes that spans a given coordinate space and of mathematical rules for specifying how coordinates are to be assigned to points. Cf. ISO 19111:2007:2007-07, part 9.2, table 17 and annex B.2.

## 6.2. Class: geosrs:CartesianCoordinateSystem

**Table 2** — geosrs:CartesianCoordinateSystem

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/cs/CartesianCoordinateSystem">https://w3id.org/geosrs/cs/CartesianCoordinateSystem</a>
Definition	Coordinate system which gives the position of points relative to n mutually perpendicular axes. Cf. ISO 19111:2007:2007-07, tables 15 and 18.
Super-classes	<a href="#">PseudoCylindricalProjection</a>

## 6.3. Class: geosrs:EllipsoidalCoordinateSystem

**Table 3** — geosrs:EllipsoidalCoordinateSystem

Type	<a href="#"><u>owl:Class</u></a>
URI	<a href="https://w3id.org/geosrs/cs/EllipsoidalCoordinateSystem"><u>https://w3id.org/geosrs/cs/EllipsoidalCoordinateSystem</u></a>
Definition	Coordinate system which gives the position is specified by geodetic latitude, geodetic longitude and (in the three-dimensional case) ellipsoidal height. Cf. ISO 19111:2007:2007-07, tables 15 and 20.
Super-classes	<a href="#"><u>PseudoCylindricalProjection</u></a>

## 6.4. Class: geosrs:LinearCoordinateSystem

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**Table 4** — geosrs:LinearCoordinateSystem

Type	<a href="#"><u>owl:Class</u></a>
URI	<a href="https://w3id.org/geosrs/cs/LinearCoordinateSystem"><u>https://w3id.org/geosrs/cs/LinearCoordinateSystem</u></a>
Definition	One-dimensional coordinate system in which a linear feature forms the axis.

## 6.5. Class: geosrs:OrdinalCoordinateSystem

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**Table 5** — geosrs:OrdinalCoordinateSystem

Type	<a href="#"><u>owl:Class</u></a>
URI	<a href="https://w3id.org/geosrs/cs/OrdinalCoordinateSystem"><u>https://w3id.org/geosrs/cs/OrdinalCoordinateSystem</u></a>
Definition	n-dimensional coordinate system in which every axis uses integers.
Super-classes	<a href="#"><u>GeodeticCoordinateSystem</u></a>

## 6.6. Class: geosrs:ParametricCoordinateSystem

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**Table 6** — geosrs:ParametricCoordinateSystem

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/cs/ParametricCoordinateSystem">https://w3id.org/geosrs/cs/ParametricCoordinateSystem</a>
Definition	One-dimensional coordinate system where the axis units are parameter values which are not inherently spatial.
Super-classes	<a href="#">GeodeticCoordinateSystem</a>

## 6.7. Class: geosrs:PolarCoordinateSystem

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**Table 7** — geosrs:PolarCoordinateSystem

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/cs/PolarCoordinateSystem">https://w3id.org/geosrs/cs/PolarCoordinateSystem</a>
Definition	Two-dimensional coordinate system in Euclidean space in which position is specified by one distance coordinate and one angular coordinate.
Super-classes	<a href="#">GeodeticCoordinateSystem</a>

## 6.8. Class: geosrs:SphericalCoordinateSystem

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**Table 8** — geosrs:SphericalCoordinateSystem

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/cs/SphericalCoordinateSystem">https://w3id.org/geosrs/cs/SphericalCoordinateSystem</a>

Definition	Three-dimensional coordinate system in Euclidean space with one distance measured from the origin and two angular coordinates
Super-classes	<a href="#"><u>GeodeticCoordinateSystem</u></a>

## 6.9. Class: geosrs:VerticalCoordinateSystem

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**Table 9** — geosrs:VerticalCoordinateSystem

Type	<a href="#"><u>owl:Class</u></a>
URI	<a href="https://w3id.org/geosrs/cs/VerticalCoordinateSystem"><u>https://w3id.org/geosrs/cs/VerticalCoordinateSystem</u></a>
Definition	One-dimensional coordinate system used for gravity related height or depth measurements. Cf. ISO 19111:2007:2007-07, tables 15 and 25.
Super-classes	<a href="#"><u>3DCoordinateSystem</u></a>

## 6.10. Class: geosrs:CoordinateSystemAxis

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**Table 10** — geosrs:CoordinateSystemAxis

Type	<a href="#"><u>owl:Class</u></a>
URI	<a href="https://w3id.org/geosrs/cs/CoordinateSystemAxis"><u>https://w3id.org/geosrs/cs/CoordinateSystemAxis</u></a>
Definition	Axis relative to which a coordinate of a point is specified in a coordinate system. See ISO 19111:2007:2007-07, part 9.3, table 27 and annex B.2.2.

## 6.11. Class: geosrs:AreaOfUse

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**Table 11** — geosrs:AreaOfUse

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/srs/AreaOfUse">https://w3id.org/geosrs/srs/AreaOfUse</a>

## 6.12. Class: geosrs:CRS

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**Table 12** — geosrs:CRS

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/srs/CRS">https://w3id.org/geosrs/srs/CRS</a>
Definition	Depending on the spatial dimension of coordinates (1D, 2D, 3D), this piece of metadata is used for specifying the elements of definition associated to a given set of coordinates: its datum, its ellipsoid, its prime meridian, the type of coordinates (geocentric, geographic, projected,...), the coordinates units of measure, when appropriate the cartographic projection used, the vertical coordinate reference system.
Super-classes	<a href="#">3DCoordinateSystem</a>

## 6.13. Class: geosrs:EngineeringCRS

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**Table 13** — geosrs:EngineeringCRS

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/srs/EngineeringCRS">https://w3id.org/geosrs/srs/EngineeringCRS</a>

## 6.14. Class: geosrs:GeodeticCRS

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**Table 14** — geosrs:GeodeticCRS

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/srs/GeodeticCRS">https://w3id.org/geosrs/srs/GeodeticCRS</a>
Definition	Coordinate reference system associated with a geodetic datum. Cf. ISO 19111:2007:2007-07, part 8.2.2.a, table 10 and annex B.1.2.1.a.

## 6.15. Class: geosrs:GeographicCRS

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**Table 15** — geosrs:GeographicCRS

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/srs/GeographicCRS">https://w3id.org/geosrs/srs/GeographicCRS</a>

## 6.16. Class: geosrs:ProjectedCRS

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**Table 16** — geosrs:ProjectedCRS

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/srs/ProjectedCRS">https://w3id.org/geosrs/srs/ProjectedCRS</a>
Definition	Coordinate reference system derived from a two-dimensional geodetic coordinate reference system by applying a map projection. Cf. ISO 19111:2007:2007-07, part 8.2.3.b, table 11 and annex B.1.2.3.

## 6.17. Class: geosrs:SingleCRS

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**Table 17** — geosrs:SingleCRS

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/srs/SingleCRS">https://w3id.org/geosrs/srs/SingleCRS</a>
Definition	Coordinate reference system consisting of one coordinate system and one datum. Cf. ISO 19111:2007:2007-07, table 5.

## 6.18. Class: geosrs:SpatialReferenceSystem

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**Table 18** — geosrs:SpatialReferenceSystem

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/srs/SpatialReferenceSystem">https://w3id.org/geosrs/srs/SpatialReferenceSystem</a>
Definition	A reference system allowing the description of a position.
Super-classes	CRS[CRS]

## 6.19. Class: geosrs:CoordinateOperation

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**Table 19** — geosrs:CoordinateOperation

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/co/CoordinateOperation">https://w3id.org/geosrs/co/CoordinateOperation</a>
Definition	Mathematical operation on coordinates, based on one-to-one relationship, that changes coordinates from one coordinate reference system to another. Cf. ISO 19111:2007:2007-07, part 11.1, table 42 and annex B.4.
Super-classes	CRS[CRS]

## 6.20. Class: geosrs:SingleOperation

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**Table 20** — geosrs:SingleOperation

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/co/SingleOperation">https://w3id.org/geosrs/co/SingleOperation</a>
Definition	A non concatenated coordinate operation. Cf. ISO 19111:2007:2007-07, table 43.
Super-classes	CRS[CRS]

## 6.21. Class: geosrs:Transformation

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**Table 21** — geosrs:Transformation

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/co/Transformation">https://w3id.org/geosrs/co/Transformation</a>
Definition	Coordinate operation in which the two coordinate reference systems are based on different datums. Cf. ISO 19111:2007:2007-07, table 44.
Super-classes	CRS[CRS]

## 6.22. Class: geosrs:Conversion

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**Table 22** — geosrs:Conversion

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/co/Conversion">https://w3id.org/geosrs/co/Conversion</a>

Definition	Coordinate operation in which both coordinate reference systems are based on the same datum. Cf. ISO 19111:2007:2007-07, table 45 and annex B.4.2.
Super-classes	CRS[CRS]

## 6.23. Class: geosrs:OperationMethod

**Table 23** — geosrs:OperationMethod

Type	<u>owl:Class</u>
URI	<a href="https://w3id.org/geosrs/co/OperationMethod">https://w3id.org/geosrs/co/OperationMethod</a>
Definition	Method used to perform an operation on coordinates. See ISO 19111:2007:2007-07, table 48 and annex B.4.5.

## 6.24. Class: geosrs:OperationParameter

**Table 24** — geosrs:OperationParameter

Type	<u>owl:Class</u>
URI	<a href="https://w3id.org/geosrs/co/OperationParameter">https://w3id.org/geosrs/co/OperationParameter</a>
Definition	Parameter used by a method to perform an operation on coordinates. See ISO 19111:2007:2007-07, table 52 and annex B.4.5.

## 6.25. Class: geosrs:OperationParameterValue

**Table 25** — geosrs:OperationParameterValue

Type	<u>owl:Class</u>
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URI	<a href="https://w3id.org/geosrs/co/OperationParameterValue">https://w3id.org/geosrs/co/OperationParameterValue</a>
Definition	Value of a parameter used by a method to perform an operation on coordinates. See ISO 19111:2007:2007-07, table 55.

## 6.26. Class: geosrs:Datum

---

**Table 26** — geosrs:Datum

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/datum/Datum">https://w3id.org/geosrs/datum/Datum</a>
Definition	Parameter or set of parameters that define the position of the origin, the scale and the orientation of a coordinate system. Cf. ISO 19111:2007:2007-07, part 10.1, table 33 and annex B.3.

## 6.27. Class: geosrs:GeodeticDatum

---

**Table 27** — geosrs:GeodeticDatum

Type	<a href="#">owl:Class</a>
URI	<a href="https://w3id.org/geosrs/datum/GeodeticDatum">https://w3id.org/geosrs/datum/GeodeticDatum</a>
Definition	Datum describing the relation of a two- or three-dimensional coordinate system to the Earth. Cf. ISO 19111:2007:2007-07, part 10.2, table 34 and annex B.3.2.

## 6.28. Class: geosrs:PrimeMeridian

---

**Table 28** — geosrs:PrimeMeridian

Type	<a href="#"><u>owl:Class</u></a>
URI	<a href="https://w3id.org/geosrs/datum/PrimeMeridian"><u>https://w3id.org/geosrs/datum/PrimeMeridian</u></a>
Definition	Meridian from which the longitudes of other meridians are quantified. Cf. ISO 19111:2007:2007-07, part 10.2.1, table 35 and annex B.3.2.2.

## 6.29. Class: geosrs:Ellipsoid

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**Table 29** — geosrs:Ellipsoid

Type	<a href="#"><u>owl:Class</u></a>
URI	<a href="https://w3id.org/geosrs/datum/Ellipsoid"><u>https://w3id.org/geosrs/datum/Ellipsoid</u></a>
Definition	Surface formed by the rotation of an ellipse about its minor axis, defined by a semi-major axis and a flattening parameter and fairly geocentric. NB : It is a mathematical model of the geoid, i.e. the Earth without its relief. Many geodetic ellipsoids exist. Cf. ISO 19111:2007:2007-07, part 10.2.2, table 36 and annex B.3.2.3.

## 6.30. Class: geosrs:VerticalDatum

---

**Table 30** — geosrs:VerticalDatum

Type	<a href="#"><u>owl:Class</u></a>
URI	<a href="https://w3id.org/geosrs/datum/VerticalDatum"><u>https://w3id.org/geosrs/datum/VerticalDatum</u></a>
Definition	Datum describing the relation of gravity-related heights or depths to the Earth. Cf. ISO 19111:2007:2007-07, table 41 and annex B.3.3.
Super-classes	Frame[Frame]

## 6.31. Property: geosrs:semiMajorAxis

---

**Table 31** — geosrs:semiMajorAxis

URI	<a href="https://w3id.org/geosrs/semiMajorAxis">https://w3id.org/geosrs/semiMajorAxis</a>
Type	<a href="#">owl:DatatypeProperty</a>
Definition	Indicates the length of the semi major axis of an ellipsoid. Cf. ISO 19111:2007:2007-07, table 36, attribute length of semi-major axis.
Range	xsd:double[xsd:double]
Domain	<a href="#">Ellipsoid</a>

## 6.32. Property: geosrs:semiMinorAxis

---

**Table 32** — geosrs:semiMinorAxis

URI	<a href="https://w3id.org/geosrs/semiMinorAxis">https://w3id.org/geosrs/semiMinorAxis</a>
Type	<a href="#">owl:DatatypeProperty</a>
Definition	Indicates the length of the semi minor axis of an ellipsoid. Cf. ISO 19111:2007:2007-07, table 37, attribute length of semi-minor axis.
Range	xsd:double[xsd:double]
Domain	<a href="#">Ellipsoid</a>

## 6.33. Property: geosrs:axis

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**Table 33** — geosrs:axis

URI	<a href="https://w3id.org/geosrs/axis">https://w3id.org/geosrs/axis</a>
Type	<a href="#">owl:ObjectProperty</a>
Definition	The property relates a coordinate system to one of its axis
Range	<a href="#">Axis</a>
Domain	<a href="#">CoordinateSystem</a>

## 6.34. Property: geosrs:baseCRS

---

**Table 34** — geosrs:baseCRS

URI	<a href="https://w3id.org/geosrs/baseCRS">https://w3id.org/geosrs/baseCRS</a>
Type	<a href="#">owl:ObjectProperty</a>
Definition	The geodetic coordinate reference system on which a projected coordinate reference system is based. Cf. ISO 19111:2007:2007-07, table 11, association role base CRS.
Range	<a href="#">CRS</a>
Domain	<a href="#">CRS</a>

## 6.35. Property: geosrs:coordinateSystem

---

**Table 35** — geosrs:coordinateSystem

URI	<a href="https://w3id.org/geosrs/coordinateSystem">https://w3id.org/geosrs/coordinateSystem</a>
Type	<a href="#">owl:ObjectProperty</a>
Definition	The property relates a coordinate reference system to its coordinate system

Range	<a href="#"><u>CoordinateSystem</u></a>
Domain	<a href="#"><u>CRS</u></a>

## 6.36. Property: geosrs:datum

---

**Table 36** — geosrs:datum

URI	<a href="https://w3id.org/geosrs/datum"><u>https://w3id.org/geosrs/datum</u></a>
Type	<a href="#"><u>owl:ObjectProperty</u></a>
Definition	The property relates a coordinate reference system to a datum
Range	<a href="#"><u>Datum</u></a>
Domain	<a href="#"><u>CRS</u></a>

## 6.37. Property: geosrs:domainOfValidity

---

**Table 37** — geosrs:domainOfValidity

URI	<a href="https://w3id.org/geosrs/domainOfValidity"><u>https://w3id.org/geosrs/domainOfValidity</u></a>
Type	<a href="#"><u>owl:ObjectProperty</u></a>
Definition	Geographic area or time interval in which the referring object is valid. Cf. ISO 19111:2007:2007-07, tables 4, 33 and 42, attribute domainOfValidity.
Range	<a href="#"><u>AreaOfUse</u></a>
Domain	<a href="#"><u>CRS</u></a>

## 6.38. Property: geosrs:ellipsoid

---

**Table 38** — geosrs:ellipsoid

URI	<a href="https://w3id.org/geosrs/ellipsoid">https://w3id.org/geosrs/ellipsoid</a>
Type	<a href="#">owl:ObjectProperty</a>
Definition	The properties relates a datum to its ellipsoid definition
Range	<a href="#">Ellipsoid</a>
Domain	<a href="#">Datum</a>

## 6.39. Property: geosrs:sourceCRS

---

**Table 39** — geosrs:sourceCRS

URI	<a href="https://w3id.org/geosrs/sourceCRS">https://w3id.org/geosrs/sourceCRS</a>
Type	<a href="#">owl:ObjectProperty</a>
Definition	The coordinate reference system associated to the data used as input of a given operation. Cf. ISO 19111:2007:2007-07, table 42, named association Source.
Range	<a href="#">CRS</a>
Domain	<a href="#">CRS</a>

## 6.40. Property: geosrs:targetCRS

---

**Table 40** — geosrs:targetCRS

URI	<a href="https://w3id.org/geosrs/targetCRS">https://w3id.org/geosrs/targetCRS</a>
Type	<a href="#">owl:ObjectProperty</a>
Definition	The coordinate reference system associated to the data obtained as output of a given operation. Cf. ISO 19111:2007:2007-07, table 42, named association Target.
Range	<a href="#">CRS</a>
Domain	<a href="#">CRS</a>

7

# COORDINATE OPERATION MODULE

---

This clause establishes the **Co** Requirements class, with IRI /req/co, which has a corresponding Conformance Class, **Co**, with IRI /conf/co.

## 7.1. Property: geosrs:derivingConversion

**Table 41** — geosrs:derivingConversion

URI	<a href="https://w3id.org/geosrs/co/derivingConversion">https://w3id.org/geosrs/co/derivingConversion</a>
Type	<a href="#">owl:ObjectProperty</a>
Range	<a href="#">CRS</a>
Domain	<a href="#">CRS</a>

## 7.2. Property: geosrs:method

**Table 42** — geosrs:method

URI	<a href="https://w3id.org/geosrs/co/method">https://w3id.org/geosrs/co/method</a>
Type	<a href="#">owl:ObjectProperty</a>
Range	<a href="#">CoordinateOperation</a>
Domain	<a href="#">CRS</a>

## 7.3. Property: geosrs:parameter

**Table 43** — geosrs:parameter

URI	<a href="https://w3id.org/geosrs/co/parameter">https://w3id.org/geosrs/co/parameter</a>
Type	<a href="#">owl:ObjectProperty</a>
Range	<a href="#">OperationParameter</a>
Domain	<a href="#">Conversion</a>



8

# COORDINATE SYSTEM MODULE

---



This clause establishes the **CS** Requirements class, with IRI /req/cs, which has a corresponding Conformance Class, **CS**, with IRI /conf/cs.

## 8.1. Class: geosrs:1DCoordinateSystem

**Table 44** — geosrs:1DCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/1DCoordinateSystem">https://w3id.org/geosrs/cs/1DCoordinateSystem</a>
Definition	Non-repeating sequence of coordinate system axes that spans a given coordinate space in one dimension
Super-classes	<a href="#">1DCoordinateSystem</a>

## 8.2. Class: geosrs:3DCoordinateSystem

**Table 45** — geosrs:3DCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/3DCoordinateSystem">https://w3id.org/geosrs/cs/3DCoordinateSystem</a>
Definition	Non-repeating sequence of coordinate system axes that spans a given coordinate space in three dimensions
Super-classes	<a href="#">3DCoordinateSystem</a>

## 8.3. Class: geosrs:AffineCoordinateSystem

**Table 46** — geosrs:AffineCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/AffineCoordinateSystem">https://w3id.org/geosrs/cs/AffineCoordinateSystem</a>
-----	-------------------------------------------------------------------------------------------------------------------

Definition	Coordinate system in Euclidean space with straight axes that are not necessarily mutually perpendicular
Super-classes	<a href="#"><u>AffineCoordinateSystem</u></a>

## 8.4. Class: geosrs:BarycentricCoordinateSystem

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**Table 47** — geosrs:BarycentricCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/BarycentricCoordinateSystem"><u>https://w3id.org/geosrs/cs/BarycentricCoordinateSystem</u></a>
Definition	A coordinate system in which the location of a point is specified by reference to a simplex (a triangle for points in a plane, a tetrahedron for points in three-dimensional space, etc.)
Super-classes	<a href="#"><u>BarycentricCoordinateSystem</u></a>

## 8.5. Class: geosrs:CelestialCoordinateSystem

---

**Table 48** — geosrs:CelestialCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/CelestialCoordinateSystem"><u>https://w3id.org/geosrs/cs/CelestialCoordinateSystem</u></a>
Definition	A coordinate system for specifying positions of celestial objects relative to physical reference points
Super-classes	<a href="#"><u>CelestialCoordinateSystem</u></a>

## 8.6. Class: geosrs:ConicalCoordinateSystem

---

**Table 49** — geosrs:ConicalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/ConicalCoordinateSystem"><u>https://w3id.org/geosrs/cs/ConicalCoordinateSystem</u></a>
-----	----------------------------------------------------------------------------------------------------------------------------

Definition	A conical coordinate system is a three-dimensional orthogonal coordinate system consisting of concentric spheres (described by their radius $r$ ) and by two families of perpendicular cones, aligned along the $z$ - and $x$ -axes, respectively
Super-classes	<a href="#"><u>ConicalCoordinateSystem</u></a>

## 8.7. Class: geosrs:CurvilinearCoordinateSystem

---

**Table 50** — geosrs:CurvilinearCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/CurvilinearCoordinateSystem"><u>https://w3id.org/geosrs/cs/CurvilinearCoordinateSystem</u></a>
Definition	A coordinate system for the Euclidean space in which the coordinate lines may be curved
Super-classes	<a href="#"><u>CurvilinearCoordinateSystem</u></a>

## 8.8. Class: geosrs:CylindricalCoordinateSystem

---

**Table 51** — geosrs:CylindricalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/CylindricalCoordinateSystem"><u>https://w3id.org/geosrs/cs/CylindricalCoordinateSystem</u></a>
Definition	Three-dimensional coordinate system in Euclidean space in which position is specified by two linear coordinates and one angular coordinate
Super-classes	<a href="#"><u>CylindricalCoordinateSystem</u></a>

## 8.9. Class: geosrs:EclipticCoordinateSystem

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**Table 52** — geosrs:EclipticCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/EclipticCoordinateSystem">https://w3id.org/geosrs/cs/EclipticCoordinateSystem</a>
Definition	An ecliptic coordinate system is used for representing the apparent positions and orbits of solar system objects.
Super-classes	<a href="#">EclipticCoordinateSystem</a>

## 8.10. Class: geosrs:EngineeringCoordinateSystem

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**Table 53** — geosrs:EngineeringCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/EngineeringCoordinateSystem">https://w3id.org/geosrs/cs/EngineeringCoordinateSystem</a>
Definition	Coordinate system used by an engineering coordinate reference system, one of an affine coordinate system, a Cartesian coordinate system, a cylindrical coordinate system, a linear coordinate sytem, an ordinal coordinate system, a polar coordinate system or a spherical coordinate system
Super-classes	<a href="#">EngineeringCoordinateSystem</a>

## 8.11. Class: geosrs:EquatorialCoordinateSystem

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**Table 54** — geosrs:EquatorialCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/EquatorialCoordinateSystem">https://w3id.org/geosrs/cs/EquatorialCoordinateSystem</a>
Definition	A celestial coordinate system in which an object's position on the celestial sphere is described in terms of its north-south declination and east-west right ascension, measured relative to the celestial equator and vernal equinox, respectively.
Super-classes	<a href="#">EquatorialCoordinateSystem</a>

## 8.12. Class: geosrs:GalacticCoordinateSystem

**Table 55** — geosrs:GalacticCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/GalacticCoordinateSystem">https://w3id.org/geosrs/cs/GalacticCoordinateSystem</a>
Definition	A coordinate system with the Sun as its center, the primary direction aligned with the approximate center of the Milky Way Galaxy, and the fundamental plane parallel to an approximation of the galactic plane but offset to its north.
Super-classes	<a href="#">CelestialCoordinateSystem</a> <a href="#">3DCoordinateSystem</a>

## 8.13. Class: geosrs:GeodeticCoordinateSystem

**Table 56** — geosrs:GeodeticCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/GeodeticCoordinateSystem">https://w3id.org/geosrs/cs/GeodeticCoordinateSystem</a>
Definition	Coordinate system used by a Geodetic CRS, one of a Cartesian coordinate system or a spherical coordinate system.
Super-classes	<a href="#">GeodeticCoordinateSystem</a>

## 8.14. Class: geosrs:GeographicalCoordinateSystem

**Table 57** — geosrs:GeographicalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/GeographicalCoordinateSystem">https://w3id.org/geosrs/cs/GeographicalCoordinateSystem</a>
Definition	Spherical or geodetic coordinate system for measuring and communicating positions directly on Earth as latitude and longitude.
Super-classes	<a href="#">SphericalCoordinateSystem</a> <a href="#">GeodeticCoordinateSystem</a>

## 8.15. Class: geosrs:GridCoordinateSystem

**Table 58** — geosrs:GridCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/GridCoordinateSystem">https://w3id.org/geosrs/cs/GridCoordinateSystem</a>
Definition	A grid coordinate system identifies areas within a grid.
Super-classes	<a href="#">GridCoordinateSystem</a>

## 8.16. Class: geosrs:HexagonalCoordinateSystem

**Table 59** — geosrs:HexagonalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/HexagonalCoordinateSystem">https://w3id.org/geosrs/cs/HexagonalCoordinateSystem</a>
Definition	A hexagonal coordinate system identifies areas within a hexagonal lattice.
Super-classes	<a href="#">HexagonalCoordinateSystem</a>

## 8.17. Class: geosrs:HorizontalCoordinateSystem

**Table 60** — geosrs:HorizontalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/HorizontalCoordinateSystem">https://w3id.org/geosrs/cs/HorizontalCoordinateSystem</a>
Definition	A horizontal coordinate system is a celestial coordinate system that uses the observer's local horizon as the fundamental plane.
Super-classes	<a href="#">HorizontalCoordinateSystem</a>

## 8.18. Class: geosrs:LocalCoordinateSystem

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**Table 61** — geosrs:LocalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/LocalCoordinateSystem">https://w3id.org/geosrs/cs/LocalCoordinateSystem</a>
Definition	Coordinate system with a point of local reference.
Super-classes	<a href="#">LocalCoordinateSystem</a>

## 8.19. Class: geosrs:ObliqueCoordinateSystem

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**Table 62** — geosrs:ObliqueCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/ObliqueCoordinateSystem">https://w3id.org/geosrs/cs/ObliqueCoordinateSystem</a>
Definition	A plane coordinate system whose axes are not perpendicular.
Super-classes	<a href="#">ObliqueCoordinateSystem</a>

## 8.20. Class: geosrs:OrthogonalCoordinateSystem

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**Table 63** — geosrs:OrthogonalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/OrthogonalCoordinateSystem">https://w3id.org/geosrs/cs/OrthogonalCoordinateSystem</a>
Definition	A orthogonal coordinate system is a system of curvilinear coordinates in which each family of surfaces intersects the others at right angles.
Super-classes	<a href="#">OrthogonalCoordinateSystem</a>

## 8.21. Class: geosrs:PerifocalCoordinateSystem

**Table 64** — geosrs:PerifocalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/PerifocalCoordinateSystem">https://w3id.org/geosrs/cs/PerifocalCoordinateSystem</a>
Definition	A frame of reference centered at the focus of the orbit, i.e. the celestial body about which the orbit is centered.
Super-classes	<a href="#">PerifocalCoordinateSystem</a>

## 8.22. Class: geosrs:PlanarCoordinateSystem

**Table 65** — geosrs:PlanarCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/PlanarCoordinateSystem">https://w3id.org/geosrs/cs/PlanarCoordinateSystem</a>
Definition	A two-dimensional measurement system that locates features on a plane based on their distance from an origin (0,0) along two perpendicular axes.
Super-classes	<a href="#">PlanarCoordinateSystem</a>

## 8.23. Class: geosrs:SkewCoordinateSystem

**Table 66** — geosrs:SkewCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/SkewCoordinateSystem">https://w3id.org/geosrs/cs/SkewCoordinateSystem</a>
Definition	A skew coordinate system is a system of curvilinear coordinates in which each family of surfaces intersects the others at angles other than right angles.
Super-classes	<a href="#">SkewCoordinateSystem</a>



## 8.24. Class: geosrs:DateTimeTemporalCoordinateSystem

**Table 67** — geosrs:DateTimeTemporalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/DateTimeTemporalCoordinateSystem">https://w3id.org/geosrs/cs/DateTimeTemporalCoordinateSystem</a>
Definition	One-dimensional coordinate system used to record time in dateTime representation as defined in ISO 8601.
Super-classes	<a href="#">DateTimeTemporalCoordinateSystem</a>

## 8.25. Class: geosrs:TemporalCountCoordinateSystem

**Table 68** — geosrs:TemporalCountCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/TemporalCountCoordinateSystem">https://w3id.org/geosrs/cs/TemporalCountCoordinateSystem</a>
Definition	One-dimensional coordinate system used to record time as an integer count.
Super-classes	<a href="#">TemporalCountCoordinateSystem</a>

## 8.26. Class: geosrs:TemporalCoordinateSystem

**Table 69** — geosrs:TemporalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/TemporalCoordinateSystem">https://w3id.org/geosrs/cs/TemporalCoordinateSystem</a>
Definition	One-dimensional coordinate system where the axis is time.
Super-classes	<a href="#">TemporalCoordinateSystem</a>

## 8.27. Class: geosrs:TemporalMeasureCoordinateSystem

**Table 70** — geosrs:TemporalMeasureCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/TemporalMeasureCoordinateSystem">https://w3id.org/geosrs/cs/TemporalMeasureCoordinateSystem</a>
Definition	One-dimensional coordinate system used to record a time as a real number.
Super-classes	<a href="#">TemporalMeasureCoordinateSystem</a>

## 8.28. Class: geosrs:SuperGalacticCS

**Table 71** — geosrs:SuperGalacticCS

URI	<a href="https://w3id.org/geosrs/cs/SuperGalacticCS">https://w3id.org/geosrs/cs/SuperGalacticCS</a>
Definition	A reference frame for the supercluster of galaxies that contains the Milky Way galaxy, referenced to a local relatively flat collection of galaxy clusters used to define the supergalactic plane.
Super-classes	<a href="#">CelestialCoordinateSystem</a> <a href="#">3DCoordinateSystem</a>

## 8.29. Property: geosrs:axisDirection

**Table 72** — geosrs:axisDirection

URI	<a href="https://w3id.org/geosrs/cs/axisDirection">https://w3id.org/geosrs/cs/axisDirection</a>
Type	<a href="#">owl:ObjectProperty</a>
Definition	The direction of an axis. Cf. ISO 19111:2007:2007-07, table 27, attribute coordinate system axis direction.
Range	<a href="#">AxisDirection</a>

Domain	<u>Axis</u>
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## 8.30. Property: geosrs:cylindricalCS

**Table 73** — geosrs:cylindricalCS

URI	<a href="https://w3id.org/geosrs/cs/cylindricalCS">https://w3id.org/geosrs/cs/cylindricalCS</a>
Type	<u>owl:ObjectProperty</u>
Definition	Links a coordinate reference system to a cylindrical coordinate system
Range	<u>CS</u>
Domain	<u>CRS</u>

9

# DATUM MODULE

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This clause establishes the **Datum** Requirements class, with IRI /req/datum, which has a corresponding Conformance Class, **Datum**, with IRI /conf/datum.

## 9.1. Class: geosrs:DynamicGeodeticReferenceFrame

**Table 74** — geosrs:DynamicGeodeticReferenceFrame

URI	<a href="https://w3id.org/geosrs/datum/DynamicGeodeticReferenceFrame">https://w3id.org/geosrs/datum/DynamicGeodeticReferenceFrame</a>
Definition	Geodetic reference frame in which some of the parameters describe time evolution of defining station coordinates Example: defining station coordinates having linear velocities to account for crustal motion.
Super-classes	<a href="#">DynamicGeodeticReferenceFrame</a>

## 9.2. Class: geosrs:TriaxialEllipsoid

**Table 75** — geosrs:TriaxialEllipsoid

URI	<a href="https://w3id.org/geosrs/datum/TriaxialEllipsoid">https://w3id.org/geosrs/datum/TriaxialEllipsoid</a>
Definition	Surface of an analytic ellipsoid defined by three axes of different length. Also referred as scalene ellipsoid.

## 9.3. Class: geosrs:DynamicVerticalDatum

**Table 76** — geosrs:DynamicVerticalDatum

URI	<a href="https://w3id.org/geosrs/datum/DynamicVerticalDatum">https://w3id.org/geosrs/datum/DynamicVerticalDatum</a>
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Definition	Vertical reference frame in which some of the defining parameters have time dependency Example: Defining station heights have velocity to account for post-glacial isostatic rebound motion. Cf. ISO 19111:2019 Geographic information — Referencing by coordinates.
Super-classes	<u><a href="#">DynamicVerticalDatum</a></u>

## 9.4. Class: geosrs:ParametricDatum

**Table 77** — geosrs:ParametricDatum

URI	<u><a href="https://w3id.org/geosrs/datum/ParametricDatum">https://w3id.org/geosrs/datum/ParametricDatum</a></u>
Definition	Textual description and/or a set of parameters identifying a particular reference surface used as the origin of a parametric coordinate system, including its position with respect to the Earth. Cf. ISO 19111:2019 Geographic information — Referencing by coordinates.
Super-classes	<u><a href="#">ParametricDatum</a></u>

## 9.5. Class: geosrs:DefiningParameter

**Table 78** — geosrs:DefiningParameter

URI	<u><a href="https://w3id.org/geosrs/datum/DefiningParameter">https://w3id.org/geosrs/datum/DefiningParameter</a></u>
Definition	Parameter value, an ordered sequence of values, or a reference to a file of parameter values that define a paramtric datum. Cf. ISO 19111:2019 Geographic information — Referencing by coordinates.

## 9.6. Class: geosrs:EngineeringDatum

**Table 79** — geosrs:EngineeringDatum

URI	<a href="https://w3id.org/geosrs/datum/EngineeringDatum">https://w3id.org/geosrs/datum/EngineeringDatum</a>
Definition	Definition of the origin and orientation of an engineering coordinate reference systemNote: The origin can be fixed with respect to the Earth (such as a defined point at a construction site), or be a defined point on a moving vehicle (such as on a ship or satellite), or a defined point of an image. Cf. ISO 19111:2019 Geographic information — Referencing by coordinates.
Super-classes	<a href="#">EngineeringDatum</a>

## 9.7. Class: geosrs:TemporalDatum

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**Table 80** — geosrs:TemporalDatum

URI	<a href="https://w3id.org/geosrs/datum/TemporalDatum">https://w3id.org/geosrs/datum/TemporalDatum</a>
Definition	Definition of the relationship of a temporal coordinate system to an objectNote: The object is normally time on the Earth. Cf. ISO 19111:2019 Geographic information — Referencing by coordinates.
Super-classes	<a href="#">TemporalDatum</a>

## 9.8. Class: geosrs:DatumEnsemble

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**Table 81** — geosrs:DatumEnsemble

URI	<a href="https://w3id.org/geosrs/datum/DatumEnsemble">https://w3id.org/geosrs/datum/DatumEnsemble</a>
Definition	A collection of two or more datums (or if geodetic or vertical, a collection of two or more reference frames) that are realizations of one Conventional Reference System and which for all but the highest accuracy requirements may be considered to be insignificantly different from each other. Note: Within the datum ensemble every frame or datum is constrained to be a realization of the same reference system. Cf. ISO

## 9.9. Property: geosrs:inverseFlattening

**Table 82** — geosrs:inverseFlattening

URI	<a href="https://w3id.org/geosrs/datum/inverseFlattening">https://w3id.org/geosrs/datum/inverseFlattening</a>
Type	<a href="#">owl:DatatypeProperty</a>
Definition	Indicates the inverse flattening value of an ellipsoid, expressed as a number or a ratio (percentage rate, parts per million, etc.). Cf. ISO 19111:2007:2007-07, table 37, attribute inverse flattening
Range	xsd:double[xsd:double]
Domain	<a href="#">Ellipsoid</a>

## 9.10. Property: geosrs:primeMeridian

**Table 83** — geosrs:primeMeridian

URI	<a href="https://w3id.org/geosrs/datum/primeMeridian">https://w3id.org/geosrs/datum/primeMeridian</a>
Type	<a href="#">owl:ObjectProperty</a>
Definition	The prime meridian used by a geodetic datum. Cf. ISO 19111:2007:2007-07, table 34, association role prime Meridian.
Range	<a href="#">PrimeMeridian</a>
Domain	<a href="#">Datum</a>



10

# SRS APPLICATION MODULE

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This clause establishes the **SRSAPP** Requirements class, with IRI /req/srsapp, which has a corresponding Conformance Class, **SRSAPP**, with IRI /conf/srsapp.



11

# PROJECTIONS MODULE

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This clause establishes the **PROJ** Requirements class, with IRI /req/proj, which has a corresponding Conformance Class, **PROJ**, with IRI /conf/proj.

### 11.1. Class: geosrs:A4Projection

**Table 84** — geosrs:A4Projection

URI	<a href="https://w3id.org/geosrs/projection/A4Projection">https://w3id.org/geosrs/projection/A4Projection</a>
Super-classes	<a href="#">A4Projection</a>

### 11.2. Class: geosrs:AdamsProjection

**Table 85** — geosrs:AdamsProjection

URI	<a href="https://w3id.org/geosrs/projection/AdamsProjection">https://w3id.org/geosrs/projection/AdamsProjection</a>
Super-classes	<a href="#">AdamsProjection</a>

### 11.3. Class: geosrs:AdamsWorldInASquareIIProjection

**Table 86** — geosrs:AdamsWorldInASquareIIProjection

URI	<a href="https://w3id.org/geosrs/projection/AdamsWorldInASquareIIProjection">https://w3id.org/geosrs/projection/AdamsWorldInASquareIIProjection</a>
Super-classes	<a href="#">AdamsWorldInASquareIIProjection</a>

## 11.4. Class: geosrs:AdamsWorldInASquareProjection

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**Table 87** — geosrs:AdamsWorldInASquareProjection

URI	<a href="https://w3id.org/geosrs/projection/AdamsWorldInASquareProjection">https://w3id.org/geosrs/projection/AdamsWorldInASquareProjection</a>
Super-classes	<a href="#">AdamsWorldInASquareProjection</a>

## 11.5. Class: geosrs:AiryProjection

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**Table 88** — geosrs:AiryProjection

URI	<a href="https://w3id.org/geosrs/projection/AiryProjection">https://w3id.org/geosrs/projection/AiryProjection</a>
Definition	An azimuthal minimum error projection for the region within the small or great circle defined by an angular distance, from the tangency point of the plane
Super-classes	<a href="#">AiryProjection</a>

## 11.6. Class: geosrs:AitoffObliqueProjection

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**Table 89** — geosrs:AitoffObliqueProjection

URI	<a href="https://w3id.org/geosrs/projection/AitoffObliqueProjection">https://w3id.org/geosrs/projection/AitoffObliqueProjection</a>
Super-classes	<a href="#">AitoffObliqueProjection</a>

## 11.7. Class: geosrs:AitoffProjection

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**Table 90** — geosrs:AitoffProjection

URI	<a href="https://w3id.org/geosrs/projection/AitoffProjection">https://w3id.org/geosrs/projection/AitoffProjection</a>
Definition	A modified azimuthal projection whose graticule takes the form of an ellipse
Super-classes	<a href="#">AitoffProjection</a>

## 11.8. Class: geosrs:AlbersEqualAreaProjection

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**Table 91** — geosrs:AlbersEqualAreaProjection

URI	<a href="https://w3id.org/geosrs/projection/AlbersEqualAreaProjection">https://w3id.org/geosrs/projection/AlbersEqualAreaProjection</a>
Super-classes	<a href="#">AlbersEqualAreaProjection</a>

## 11.9. Class: geosrs:AmericanPolyconicProjection

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**Table 92** — geosrs:AmericanPolyconicProjection

URI	<a href="https://w3id.org/geosrs/projection/AmericanPolyconicProjection">https://w3id.org/geosrs/projection/AmericanPolyconicProjection</a>
Super-classes	<a href="#">AmericanPolyconicProjection</a>

## 11.10. Class: geosrs:ApianGlobularIProjection

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**Table 93** — geosrs:ApianGlobularIProjection

URI	<a href="https://w3id.org/geosrs/projection/ApianGlobularIProjection">https://w3id.org/geosrs/projection/ApianGlobularIProjection</a>
Super-classes	<a href="#">ApianGlobularIProjection</a>

## 11.11. Class: geosrs:ApianIIProjection

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**Table 94** — geosrs:ApianIIProjection

URI	<a href="https://w3id.org/geosrs/projection/ApianIIProjection">https://w3id.org/geosrs/projection/ApianIIProjection</a>
Super-classes	<a href="#">ApianIIProjection</a>

## 11.12. Class: geosrs:ArchaicProjection

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**Table 95** — geosrs:ArchaicProjection

URI	<a href="https://w3id.org/geosrs/projection/ArchaicProjection">https://w3id.org/geosrs/projection/ArchaicProjection</a>
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## 11.13. Class: geosrs:ArdenCloseProjection

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**Table 96** — geosrs:ArdenCloseProjection

URI	<a href="https://w3id.org/geosrs/projection/ArdenCloseProjection">https://w3id.org/geosrs/projection/ArdenCloseProjection</a>
Super-classes	<a href="#">ArdenCloseProjection</a>

## 11.14. Class: geosrs:ArmadilloProjection

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**Table 97** — geosrs:ArmadilloProjection

URI	<a href="https://w3id.org/geosrs/projection/ArmadilloProjection">https://w3id.org/geosrs/projection/ArmadilloProjection</a>
Super-classes	<a href="#">ArmadilloProjection</a>

## 11.15. Class: geosrs:AtlantisProjection

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**Table 98** — geosrs:AtlantisProjection

URI	<a href="https://w3id.org/geosrs/projection/AtlantisProjection">https://w3id.org/geosrs/projection/AtlantisProjection</a>
Super-classes	<a href="#">AtlantisProjection</a>

## 11.16. Class: geosrs:AugustEpicycloidalProjection

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**Table 99** — geosrs:AugustEpicycloidalProjection

URI	<a href="https://w3id.org/geosrs/projection/AugustEpicycloidalProjection">https://w3id.org/geosrs/projection/AugustEpicycloidalProjection</a>
Definition	A projection in which every angle between two curves that cross each other on a celestial body is preserved in the image of the projection
Super-classes	<a href="#">AugustEpicycloidalProjection</a>

## 11.17. Class: geosrs:AuthaGraphProjection

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**Table 100** — geosrs:AuthaGraphProjection

URI	<a href="https://w3id.org/geosrs/projection/AuthaGraphProjection">https://w3id.org/geosrs/projection/AuthaGraphProjection</a>
Super-classes	<a href="#">AuthaGraphProjection</a>

## 11.18. Class: geosrs:AzimuthalEqualAreaProjection

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**Table 101** — geosrs:AzimuthalEqualAreaProjection

URI	<a href="https://w3id.org/geosrs/projection/AzimuthalEqualAreaProjection">https://w3id.org/geosrs/projection/AzimuthalEqualAreaProjection</a>
Super-classes	<a href="#">AzimuthalEqualAreaProjection</a>

## 11.19. Class: geosrs:AzimuthalEquidistantProjection

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**Table 102** — geosrs:AzimuthalEquidistantProjection

URI	<a href="https://w3id.org/geosrs/projection/AzimuthalEquidistantProjection">https://w3id.org/geosrs/projection/AzimuthalEquidistantProjection</a>
Super-classes	<a href="#">AzimuthalEquidistantProjection</a>

## 11.20. Class: geosrs:AzimuthalProjection

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**Table 103** — geosrs:AzimuthalProjection

URI	<a href="https://w3id.org/geosrs/projection/AzimuthalProjection">https://w3id.org/geosrs/projection/AzimuthalProjection</a>
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## 11.21. Class: geosrs:BSAMCylindricalProjection

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**Table 104** — geosrs:BSAMCylindricalProjection

URI	<a href="https://w3id.org/geosrs/projection/BSAMCylindricalProjection">https://w3id.org/geosrs/projection/BSAMCylindricalProjection</a>
Super-classes	<a href="#">BSAMCylindricalProjection</a>

## 11.22. Class: geosrs:BaconGlobularProjection

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**Table 105** — geosrs:BaconGlobularProjection

URI	<a href="https://w3id.org/geosrs/projection/BaconGlobularProjection">https://w3id.org/geosrs/projection/BaconGlobularProjection</a>
Super-classes	<a href="#">BaconGlobularProjection</a>

## 11.23. Class: geosrs:BakerDinomicProjection

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**Table 106** — geosrs:BakerDinomicProjection

URI	<a href="https://w3id.org/geosrs/projection/BakerDinomicProjection">https://w3id.org/geosrs/projection/BakerDinomicProjection</a>
Super-classes	<a href="#">BakerDinomicProjection</a>

## 11.24. Class: geosrs:BalthasartProjection

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**Table 107** — geosrs:BalthasartProjection

URI	<a href="https://w3id.org/geosrs/projection/BalthasartProjection">https://w3id.org/geosrs/projection/BalthasartProjection</a>
Definition	A cylindrical equal-area projection that uses a standard parallel of $\phi_s=50$ degrees
Super-classes	<a href="#">BalthasartProjection</a>

## 11.25. Class: geosrs:BaranyIIIProjection

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**Table 108** — geosrs:BaranyillProjection

URI	<a href="https://w3id.org/geosrs/projection/BaranyillProjection">https://w3id.org/geosrs/projection/BaranyillProjection</a>
Super-classes	<a href="#">BaranyillProjection</a>

## 11.26. Class: geosrs:BaranyillProjection

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**Table 109** — geosrs:BaranyillProjection

URI	<a href="https://w3id.org/geosrs/projection/BaranyillProjection">https://w3id.org/geosrs/projection/BaranyillProjection</a>
Super-classes	<a href="#">BaranyillProjection</a>

## 11.27. Class: geosrs:BaranyilProjection

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**Table 110** — geosrs:BaranyilProjection

URI	<a href="https://w3id.org/geosrs/projection/BaranyilProjection">https://w3id.org/geosrs/projection/BaranyilProjection</a>
Super-classes	<a href="#">BaranyilProjection</a>

## 11.28. Class: geosrs:BaranyilVProjection

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**Table 111** — geosrs:BaranyilVProjection

URI	<a href="https://w3id.org/geosrs/projection/BaranyilVProjection">https://w3id.org/geosrs/projection/BaranyilVProjection</a>
Super-classes	<a href="#">BaranyilVProjection</a>

## 11.29. Class: geosrs:BartholomewProjection

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**Table 112** — geosrs:BartholomewProjection

URI	<a href="https://w3id.org/geosrs/projection/BartholomewProjection">https://w3id.org/geosrs/projection/BartholomewProjection</a>
Super-classes	<a href="#">BartholomewProjection</a>

## 11.30. Class: geosrs:BehrmannProjection

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**Table 113** — geosrs:BehrmannProjection

URI	<a href="https://w3id.org/geosrs/projection/BehrmannProjection">https://w3id.org/geosrs/projection/BehrmannProjection</a>
Definition	A cylindrical equal-area map projection with standard parallels set at 30° north and south
Super-classes	<a href="#">BehrmannProjection</a>

## 11.31. Class: geosrs:BerghausStarProjection

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**Table 114** — geosrs:BerghausStarProjection

URI	<a href="https://w3id.org/geosrs/projection/BerghausStarProjection">https://w3id.org/geosrs/projection/BerghausStarProjection</a>
Super-classes	<a href="#">BerghausStarProjection</a>

## 11.32. Class: geosrs:BertinProjection

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**Table 115** — geosrs:BertinProjection

URI	<a href="https://w3id.org/geosrs/projection/BertinProjection">https://w3id.org/geosrs/projection/BertinProjection</a>
Super-classes	<a href="#">BertinProjection</a>

### 11.33. Class: geosrs:BipolarObliqueConicConformalProjection

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**Table 116** — geosrs:BipolarObliqueConicConformalProjection

URI	<a href="https://w3id.org/geosrs/projection/BipolarObliqueConicConformalProjection">https://w3id.org/geosrs/projection/BipolarObliqueConicConformalProjection</a>
Super-classes	<a href="#">BipolarObliqueConicConformalProjection</a>

### 11.34. Class: geosrs:BoggsEumorphicProjection

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**Table 117** — geosrs:BoggsEumorphicProjection

URI	<a href="https://w3id.org/geosrs/projection/BoggsEumorphicProjection">https://w3id.org/geosrs/projection/BoggsEumorphicProjection</a>
Super-classes	<a href="#">BoggsEumorphicProjection</a>

### 11.35. Class: geosrs:BonneProjection

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**Table 118** — geosrs:BonneProjection

URI	<a href="https://w3id.org/geosrs/projection/BonneProjection">https://w3id.org/geosrs/projection/BonneProjection</a>
Super-classes	<a href="#">BonneProjection</a>

## 11.36. Class: geosrs:BottomleyProjection

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**Table 119** — geosrs:BottomleyProjection

URI	<a href="https://w3id.org/geosrs/projection/BottomleyProjection">https://w3id.org/geosrs/projection/BottomleyProjection</a>
Super-classes	<a href="#">BottomleyProjection</a>

## 11.37. Class: geosrs:BraunPerspectiveProjection

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**Table 120** — geosrs:BraunPerspectiveProjection

URI	<a href="https://w3id.org/geosrs/projection/BraunPerspectiveProjection">https://w3id.org/geosrs/projection/BraunPerspectiveProjection</a>
Super-classes	<a href="#">BraunPerspectiveProjection</a>

## 11.38. Class: geosrs:BraunStereographicProjection

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**Table 121** — geosrs:BraunStereographicProjection

URI	<a href="https://w3id.org/geosrs/projection/BraunStereographicProjection">https://w3id.org/geosrs/projection/BraunStereographicProjection</a>
Super-classes	<a href="#">BraunStereographicProjection</a>

## 11.39. Class: geosrs:BreusingGeometricProjection

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**Table 122** — geosrs:BreusingGeometricProjection

URI	<a href="https://w3id.org/geosrs/projection/BreusingGeometricProjection">https://w3id.org/geosrs/projection/BreusingGeometricProjection</a>
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Super-classes

[BreusingGeometricProjection](#)

## 11.40. Class: geosrs:BreusingHarmonicProjection

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**Table 123** — geosrs:BreusingHarmonicProjection

URI	<a href="https://w3id.org/geosrs/projection/BreusingHarmonicProjection"><u>https://w3id.org/geosrs/projection/BreusingHarmonicProjection</u></a>
Super-classes	<a href="#"><u>BreusingHarmonicProjection</u></a>

## 11.41. Class: geosrs:BriesemeisterProjection

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**Table 124** — geosrs:BriesemeisterProjection

URI	<a href="https://w3id.org/geosrs/projection/BriesemeisterProjection"><u>https://w3id.org/geosrs/projection/BriesemeisterProjection</u></a>
Super-classes	<a href="#"><u>BriesemeisterProjection</u></a>

## 11.42. Class: geosrs:BromleyProjection

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**Table 125** — geosrs:BromleyProjection

URI	<a href="https://w3id.org/geosrs/projection/BromleyProjection"><u>https://w3id.org/geosrs/projection/BromleyProjection</u></a>
Super-classes	<a href="#"><u>BromleyProjection</u></a>

## 11.43. Class: geosrs:CabotProjection

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**Table 126** — geosrs:CabotProjection

URI	<a href="https://w3id.org/geosrs/projection/CabotProjection">https://w3id.org/geosrs/projection/CabotProjection</a>
Super-classes	<a href="#">CabotProjection</a>

## 11.44. Class: geosrs:CahillKeyesProjection

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**Table 127** — geosrs:CahillKeyesProjection

URI	<a href="https://w3id.org/geosrs/projection/CahillKeyesProjection">https://w3id.org/geosrs/projection/CahillKeyesProjection</a>
Super-classes	<a href="#">CahillKeyesProjection</a>

## 11.45. Class: geosrs:CassiniProjection

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**Table 128** — geosrs:CassiniProjection

URI	<a href="https://w3id.org/geosrs/projection/CassiniProjection">https://w3id.org/geosrs/projection/CassiniProjection</a>
Definition	A map projection first described in an approximate form by César-François Cassini de Thury in 1745
Super-classes	<a href="#">CassiniProjection</a>

## 11.46. Class: geosrs:CentralConicProjection

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**Table 129** — geosrs:CentralConicProjection

URI	<a href="https://w3id.org/geosrs/projection/CentralConicProjection">https://w3id.org/geosrs/projection/CentralConicProjection</a>
Super-classes	<a href="#">CentralConicProjection</a>



## 11.47. Class: geosrs:CentralCylindricalProjection

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**Table 130** — geosrs:CentralCylindricalProjection

URI	<a href="https://w3id.org/geosrs/projection/CentralCylindricalProjection">https://w3id.org/geosrs/projection/CentralCylindricalProjection</a>
Super-classes	<a href="#">CentralCylindricalProjection</a>

## 11.48. Class: geosrs:ChamberlinTrimetricProjection

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**Table 131** — geosrs:ChamberlinTrimetricProjection

URI	<a href="https://w3id.org/geosrs/projection/ChamberlinTrimetricProjection">https://w3id.org/geosrs/projection/ChamberlinTrimetricProjection</a>
Super-classes	<a href="#">ChamberlinTrimetricProjection</a>

## 11.49. Class: geosrs:CiriclProjection

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**Table 132** — geosrs:CiriclProjection

URI	<a href="https://w3id.org/geosrs/projection/CiriclProjection">https://w3id.org/geosrs/projection/CiriclProjection</a>
Super-classes	<a href="#">CiriclProjection</a>

## 11.50. Class: geosrs:CollignonButterflyProjection

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**Table 133** — geosrs:CollignonButterflyProjection

URI	<a href="https://w3id.org/geosrs/projection/CollignonButterflyProjection">https://w3id.org/geosrs/projection/CollignonButterflyProjection</a>
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## 11.51. Class: geosrs:CollignonProjection

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**Table 134** — geosrs:CollignonProjection

URI	<a href="https://w3id.org/geosrs/projection/CollignonProjection">https://w3id.org/geosrs/projection/CollignonProjection</a>
Definition	An equal-area pseudocylindrical projection that maps the sphere onto a triangle or diamond
Super-classes	<a href="#">CollignonProjection</a>

## 11.52. Class: geosrs:ColombiaUrbanProjection

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**Table 135** — geosrs:ColombiaUrbanProjection

URI	<a href="https://w3id.org/geosrs/projection/ColombiaUrbanProjection">https://w3id.org/geosrs/projection/ColombiaUrbanProjection</a>
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## 11.53. Class: geosrs:CompactMillerProjection

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**Table 136** — geosrs:CompactMillerProjection

URI	<a href="https://w3id.org/geosrs/projection/CompactMillerProjection">https://w3id.org/geosrs/projection/CompactMillerProjection</a>
Super-classes	<a href="#">CompactMillerProjection</a>

## 11.54. Class: geosrs:CompromiseProjection

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**Table 137** — geosrs:CompromiseProjection

URI	<a href="https://w3id.org/geosrs/projection/CompromiseProjection">https://w3id.org/geosrs/projection/CompromiseProjection</a>
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## 11.55. Class: geosrs:ConformalProjection

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**Table 138** — geosrs:ConformalProjection

URI	<a href="https://w3id.org/geosrs/projection/ConformalProjection">https://w3id.org/geosrs/projection/ConformalProjection</a>
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## 11.56. Class: geosrs:ConicalProjection

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**Table 139** — geosrs:ConicalProjection

URI	<a href="https://w3id.org/geosrs/projection/ConicalProjection">https://w3id.org/geosrs/projection/ConicalProjection</a>
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## 11.57. Class: geosrs:CordiformProjection

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**Table 140** — geosrs:CordiformProjection

URI	<a href="https://w3id.org/geosrs/projection/CordiformProjection">https://w3id.org/geosrs/projection/CordiformProjection</a>
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## 11.58. Class: geosrs:CoxConformalProjection

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**Table 141** — geosrs:CoxConformalProjection

URI	<a href="https://w3id.org/geosrs/projection/CoxConformalProjection">https://w3id.org/geosrs/projection/CoxConformalProjection</a>
Super-classes	<a href="#">CoxConformalProjection</a>

## 11.59. Class: geosrs:CraigRetroazimuthalProjection

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**Table 142** — geosrs:CraigRetroazimuthalProjection

URI	<a href="https://w3id.org/geosrs/projection/CraigRetroazimuthalProjection">https://w3id.org/geosrs/projection/CraigRetroazimuthalProjection</a>
Super-classes	<a href="#">CraigRetroazimuthalProjection</a>

## 11.60. Class: geosrs:CrasterParabolicProjection

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**Table 143** — geosrs:CrasterParabolicProjection

URI	<a href="https://w3id.org/geosrs/projection/CrasterParabolicProjection">https://w3id.org/geosrs/projection/CrasterParabolicProjection</a>
Super-classes	<a href="#">CrasterParabolicProjection</a>

## 11.61. Class: geosrs:CupolaProjection

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**Table 144** — geosrs:CupolaProjection

URI	<a href="https://w3id.org/geosrs/projection/CupolaProjection">https://w3id.org/geosrs/projection/CupolaProjection</a>
Super-classes	<a href="#">CupolaProjection</a>

## 11.62. Class: geosrs:CylindricalEqualArea

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**Table 145** — geosrs:CylindricalEqualArea

URI	<a href="https://w3id.org/geosrs/projection/CylindricalEqualArea">https://w3id.org/geosrs/projection/CylindricalEqualArea</a>
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## 11.63. Class: geosrs:CylindricalProjection

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**Table 146** — geosrs:CylindricalProjection

URI

<https://w3id.org/geosrs/projection/CylindricalProjection>

## 11.64. Class: geosrs:CylindricalStereographicProjection

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**Table 147** — geosrs:CylindricalStereographicProjection

URI

<https://w3id.org/geosrs/projection/CylindricalStereographicProjection>

Super-classes

[CylindricalStereographicProjection](#)

## 11.65. Class: geosrs:DeakinMinimumErrorProjection

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**Table 148** — geosrs:DeakinMinimumErrorProjection

URI

<https://w3id.org/geosrs/projection/DeakinMinimumErrorProjection>

Super-classes

[DeakinMinimumErrorProjection](#)

## 11.66. Class: geosrs:DedistortProjection

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**Table 149** — geosrs:DedistortProjection

URI	<a href="https://w3id.org/geosrs/projection/DedistortProjection">https://w3id.org/geosrs/projection/DedistortProjection</a>
Super-classes	<a href="#">DedistortProjection</a>

## 11.67. Class: geosrs:DenoyerSemiEllipticalProjection

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**Table 150** — geosrs:DenoyerSemiEllipticalProjection

URI	<a href="https://w3id.org/geosrs/projection/DenoyerSemiEllipticalProjection">https://w3id.org/geosrs/projection/DenoyerSemiEllipticalProjection</a>
Super-classes	<a href="#">DenoyerSemiEllipticalProjection</a>

## 11.68. Class: geosrs:DietrichKitadaProjection

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**Table 151** — geosrs:DietrichKitadaProjection

URI	<a href="https://w3id.org/geosrs/projection/DietrichKitadaProjection">https://w3id.org/geosrs/projection/DietrichKitadaProjection</a>
Super-classes	<a href="#">DietrichKitadaProjection</a>

## 11.69. Class: geosrs:DodecahedralProjection

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**Table 152** — geosrs:DodecahedralProjection

URI	<a href="https://w3id.org/geosrs/projection/DodecahedralProjection">https://w3id.org/geosrs/projection/DodecahedralProjection</a>
Super-classes	<a href="#">DodecahedralProjection</a>

## 11.70. Class: geosrs:DymaxionProjection

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**Table 153** — geosrs:DymaxionProjection

URI	<a href="https://w3id.org/geosrs/projection/DymaxionProjection">https://w3id.org/geosrs/projection/DymaxionProjection</a>
Super-classes	<a href="#">DymaxionProjection</a>

## 11.71. Class: geosrs:Eckert1Projection

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**Table 154** — geosrs:Eckert1Projection

URI	<a href="https://w3id.org/geosrs/projection/Eckert1Projection">https://w3id.org/geosrs/projection/Eckert1Projection</a>
Super-classes	<a href="#">Eckert1Projection</a>

## 11.72. Class: geosrs:Eckert2Projection

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**Table 155** — geosrs:Eckert2Projection

URI	<a href="https://w3id.org/geosrs/projection/Eckert2Projection">https://w3id.org/geosrs/projection/Eckert2Projection</a>
Super-classes	<a href="#">Eckert2Projection</a>

## 11.73. Class: geosrs:Eckert3Projection

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**Table 156** — geosrs:Eckert3Projection

URI	<a href="https://w3id.org/geosrs/projection/Eckert3Projection">https://w3id.org/geosrs/projection/Eckert3Projection</a>
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Super-classes	<a href="#">Eckert3Projection</a>
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## 11.74. Class: geosrs:Eckert4Projection

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**Table 157** — geosrs:Eckert4Projection

URI	<a href="https://w3id.org/geosrs/projection/Eckert4Projection">https://w3id.org/geosrs/projection/Eckert4Projection</a>
Super-classes	<a href="#">Eckert4Projection</a>

## 11.75. Class: geosrs:Eckert5Projection

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**Table 158** — geosrs:Eckert5Projection

URI	<a href="https://w3id.org/geosrs/projection/Eckert5Projection">https://w3id.org/geosrs/projection/Eckert5Projection</a>
Super-classes	<a href="#">Eckert5Projection</a>

## 11.76. Class: geosrs:Eckert6Projection

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**Table 159** — geosrs:Eckert6Projection

URI	<a href="https://w3id.org/geosrs/projection/Eckert6Projection">https://w3id.org/geosrs/projection/Eckert6Projection</a>
Super-classes	<a href="#">Eckert6Projection</a>

## 11.77. Class: geosrs:EisenlohrProjection

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**Table 160** — geosrs:EisenlohrProjection

URI	<a href="https://w3id.org/geosrs/projection/EisenlohrProjection">https://w3id.org/geosrs/projection/EisenlohrProjection</a>
Super-classes	<a href="#">EisenlohrProjection</a>

## 11.78. Class: geosrs:EqualAreaProjection

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**Table 161** — geosrs:EqualAreaProjection

URI	<a href="https://w3id.org/geosrs/projection/EqualAreaProjection">https://w3id.org/geosrs/projection/EqualAreaProjection</a>
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## 11.79. Class: geosrs:EqualEarthProjection

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**Table 162** — geosrs:EqualEarthProjection

URI	<a href="https://w3id.org/geosrs/projection/EqualEarthProjection">https://w3id.org/geosrs/projection/EqualEarthProjection</a>
Super-classes	<a href="#">EqualEarthProjection</a>

## 11.80. Class: geosrs:EquallySpacedParallelsProjection

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**Table 163** — geosrs:EquallySpacedParallelsProjection

URI	<a href="https://w3id.org/geosrs/projection/EquallySpacedParallelsProjection">https://w3id.org/geosrs/projection/EquallySpacedParallelsProjection</a>
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## 11.81. Class: geosrs:EquidistantConicProjection

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**Table 164** — geosrs:EquidistantConicProjection

URI	<a href="https://w3id.org/geosrs/projection/EquidistantConicProjection">https://w3id.org/geosrs/projection/EquidistantConicProjection</a>
Super-classes	<a href="#">EquidistantConicProjection</a>

## 11.82. Class: geosrs:EquidistantCylindricalProjection

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**Table 165** — geosrs:EquidistantCylindricalProjection

URI	<a href="https://w3id.org/geosrs/projection/EquidistantCylindricalProjection">https://w3id.org/geosrs/projection/EquidistantCylindricalProjection</a>
Super-classes	<a href="#">EquidistantCylindricalProjection</a>

## 11.83. Class: geosrs:EquidistantProjection

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**Table 166** — geosrs:EquidistantProjection

URI	<a href="https://w3id.org/geosrs/projection/EquidistantProjection">https://w3id.org/geosrs/projection/EquidistantProjection</a>
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## 11.84. Class: geosrs:EquirectangularProjection

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**Table 167** — geosrs:EquirectangularProjection

URI	<a href="https://w3id.org/geosrs/projection/EquirectangularProjection">https://w3id.org/geosrs/projection/EquirectangularProjection</a>
Super-classes	<a href="#">EquirectangularProjection</a>

## 11.85. Class: geosrs:FaheyProjection

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**Table 168** — geosrs:FaheyProjection

URI	<a href="https://w3id.org/geosrs/projection/FaheyProjection">https://w3id.org/geosrs/projection/FaheyProjection</a>
Super-classes	<a href="#">FaheyProjection</a>

## 11.86. Class: geosrs:FairgrieveProjection

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**Table 169** — geosrs:FairgrieveProjection

URI	<a href="https://w3id.org/geosrs/projection/FairgrieveProjection">https://w3id.org/geosrs/projection/FairgrieveProjection</a>
Super-classes	<a href="#">FairgrieveProjection</a>

## 11.87. Class: geosrs:FoucautProjection

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**Table 170** — geosrs:FoucautProjection

URI	<a href="https://w3id.org/geosrs/projection/FoucautProjection">https://w3id.org/geosrs/projection/FoucautProjection</a>
Super-classes	<a href="#">FoucautProjection</a>

## 11.88. Class: geosrs:FoucautSinusoidalProjection

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**Table 171** — geosrs:FoucautSinusoidalProjection

URI	<a href="https://w3id.org/geosrs/projection/FoucautSinusoidalProjection">https://w3id.org/geosrs/projection/FoucautSinusoidalProjection</a>
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Super-classes

[FoucautSinusoidalProjection](#)

## 11.89. Class: geosrs:FournierGlobularIProjection

**Table 172** — geosrs:FournierGlobularIProjection

URI	<a href="https://w3id.org/geosrs/projection/FournierGlobularIProjection">https://w3id.org/geosrs/projection/FournierGlobularIProjection</a>
Super-classes	<a href="#">FournierGlobularIProjection</a>

## 11.90. Class: geosrs:FournierIIProjection

**Table 173** — geosrs:FournierIIProjection

URI	<a href="https://w3id.org/geosrs/projection/FournierIIProjection">https://w3id.org/geosrs/projection/FournierIIProjection</a>
Super-classes	<a href="#">FournierIIProjection</a>

## 11.91. Class: geosrs:FranculaIIIProjection

**Table 174** — geosrs:FranculaIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/FranculaIIIProjection">https://w3id.org/geosrs/projection/FranculaIIIProjection</a>
Super-classes	<a href="#">FranculaIIIProjection</a>

## 11.92. Class: geosrs:FranculaIVProjection

**Table 175** — geosrs:FraculaIVProjection

URI	<a href="https://w3id.org/geosrs/projection/FraculaIVProjection">https://w3id.org/geosrs/projection/FraculaIVProjection</a>
Super-classes	<a href="#">FraculaIVProjection</a>

## 11.93. Class: geosrs:FraculaXProjection

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**Table 176** — geosrs:FraculaXProjection

URI	<a href="https://w3id.org/geosrs/projection/FraculaXProjection">https://w3id.org/geosrs/projection/FraculaXProjection</a>
Super-classes	<a href="#">FraculaXProjection</a>

## 11.94. Class: geosrs:FraculaVIIIProjection

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**Table 177** — geosrs:FraculaVIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/FraculaVIIIProjection">https://w3id.org/geosrs/projection/FraculaVIIIProjection</a>
Super-classes	<a href="#">FraculaVIIIProjection</a>

## 11.95. Class: geosrs:FraculaVProjection

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**Table 178** — geosrs:FraculaVProjection

URI	<a href="https://w3id.org/geosrs/projection/FraculaVProjection">https://w3id.org/geosrs/projection/FraculaVProjection</a>
Super-classes	<a href="#">FraculaVProjection</a>

## 11.96. Class: geosrs:FraculaXIIIProjection

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**Table 179** — geosrs:FraculaXIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/FraculaXIIIProjection">https://w3id.org/geosrs/projection/FraculaXIIIProjection</a>
Super-classes	<a href="#">FraculaXIIIProjection</a>

## 11.97. Class: geosrs:FraculaXIIProjection

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**Table 180** — geosrs:FraculaXIIProjection

URI	<a href="https://w3id.org/geosrs/projection/FraculaXIIProjection">https://w3id.org/geosrs/projection/FraculaXIIProjection</a>
Super-classes	<a href="#">FraculaXIIProjection</a>

## 11.98. Class: geosrs:FraculaXIVProjection

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**Table 181** — geosrs:FraculaXIVProjection

URI	<a href="https://w3id.org/geosrs/projection/FraculaXIVProjection">https://w3id.org/geosrs/projection/FraculaXIVProjection</a>
Super-classes	<a href="#">FraculaXIVProjection</a>

## 11.99. Class: geosrs:GS50Projection

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**Table 182** — geosrs:GS50Projection

URI	<a href="https://w3id.org/geosrs/projection/GS50Projection">https://w3id.org/geosrs/projection/GS50Projection</a>
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## 11.100. Class: geosrs:GallSographicProjection

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**Table 183** — geosrs:GallSographicProjection

URI	<a href="https://w3id.org/geosrs/projection/GallSographicProjection">https://w3id.org/geosrs/projection/GallSographicProjection</a>
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## 11.101. Class: geosrs:GallPetersProjection

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**Table 184** — geosrs:GallPetersProjection

URI	<a href="https://w3id.org/geosrs/projection/GallPetersProjection">https://w3id.org/geosrs/projection/GallPetersProjection</a>
Super-classes	<a href="#">GallPetersProjection</a>

## 11.102. Class: geosrs:GallStereographicProjection

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**Table 185** — geosrs:GallStereographicProjection

URI	<a href="https://w3id.org/geosrs/projection/GallStereographicProjection">https://w3id.org/geosrs/projection/GallStereographicProjection</a>
Super-classes	<a href="#">GallStereographicProjection</a>

## 11.103. Class: geosrs:GaussKruegerProjection

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**Table 186** — geosrs:GaussKruegerProjection

URI	<a href="https://w3id.org/geosrs/projection/GaussKruegerProjection">https://w3id.org/geosrs/projection/GaussKruegerProjection</a>
Super-classes	<a href="#">GaussKruegerProjection</a>

## 11.104. Class: geosrs:GeneralVerticalPerspectiveProjection

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**Table 187** — geosrs:GeneralVerticalPerspectiveProjection

URI	<a href="https://w3id.org/geosrs/projection/GeneralVerticalPerspectiveProjection">https://w3id.org/geosrs/projection/GeneralVerticalPerspectiveProjection</a>
Super-classes	<a href="#">GeneralVerticalPerspectiveProjection</a>

## 11.105. Class: geosrs:GilbertTwoWorldPerspectiveProjection

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**Table 188** — geosrs:GilbertTwoWorldPerspectiveProjection

URI	<a href="https://w3id.org/geosrs/projection/GilbertTwoWorldPerspectiveProjection">https://w3id.org/geosrs/projection/GilbertTwoWorldPerspectiveProjection</a>
Super-classes	<a href="#">GilbertTwoWorldPerspectiveProjection</a>

## 11.106. Class: geosrs:GingeryProjection

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**Table 189** — geosrs:GingeryProjection

URI	<a href="https://w3id.org/geosrs/projection/GingeryProjection">https://w3id.org/geosrs/projection/GingeryProjection</a>
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## 11.107. Class: geosrs:GinzburgIIProjection

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**Table 190** — geosrs:GinzburgIIProjection

URI	<a href="https://w3id.org/geosrs/projection/GinzburgIIProjection">https://w3id.org/geosrs/projection/GinzburgIIProjection</a>
Super-classes	<a href="#">GinzburgIIProjection</a>

## 11.108. Class: geosrs:GinzburgIProjection

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**Table 191** — geosrs:GinzburgIProjection

URI	<a href="https://w3id.org/geosrs/projection/GinzburgIProjection">https://w3id.org/geosrs/projection/GinzburgIProjection</a>
Super-classes	<a href="#">GinzburgIProjection</a>

## 11.109. Class: geosrs:GinzburgIVProjection

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**Table 192** — geosrs:GinzburgIVProjection

URI	<a href="https://w3id.org/geosrs/projection/GinzburgIVProjection">https://w3id.org/geosrs/projection/GinzburgIVProjection</a>
Super-classes	<a href="#">GinzburgIVProjection</a>

## 11.110. Class: geosrs:GinzburgIXProjection

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**Table 193** — geosrs:GinzburgIXProjection

URI	<a href="https://w3id.org/geosrs/projection/GinzburgIXProjection">https://w3id.org/geosrs/projection/GinzburgIXProjection</a>
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Super-classes	<a href="#">GinzburgIXProjection</a>
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## 11.111. Class: geosrs:GinzburgVIIIProjection

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**Table 194** — geosrs:GinzburgVIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/GinzburgVIIIProjection">https://w3id.org/geosrs/projection/GinzburgVIIIProjection</a>
Super-classes	<a href="#">GinzburgVIIProjection</a>

## 11.112. Class: geosrs:GinzburgVIProjection

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**Table 195** — geosrs:GinzburgVIProjection

URI	<a href="https://w3id.org/geosrs/projection/GinzburgVIProjection">https://w3id.org/geosrs/projection/GinzburgVIProjection</a>
Super-classes	<a href="#">GinzburgVProjection</a>

## 11.113. Class: geosrs:GinzburgVProjection

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**Table 196** — geosrs:GinzburgVProjection

URI	<a href="https://w3id.org/geosrs/projection/GinzburgVProjection">https://w3id.org/geosrs/projection/GinzburgVProjection</a>
Super-classes	<a href="#">GinzburgVProjection</a>

## 11.114. Class: geosrs:GlobularProjection

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**Table 197** — geosrs:GlobularProjection

URI	<a href="https://w3id.org/geosrs/projection/GlobularProjection">https://w3id.org/geosrs/projection/GlobularProjection</a>
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## 11.115. Class: geosrs:GnomonicButterflyProjection

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**Table 198** — geosrs:GnomonicButterflyProjection

URI	<a href="https://w3id.org/geosrs/projection/GnomonicButterflyProjection">https://w3id.org/geosrs/projection/GnomonicButterflyProjection</a>
Super-classes	<a href="#">GnomonicButterflyProjection</a>

## 11.116. Class: geosrs:GnomonicCubedSphereProjection

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**Table 199** — geosrs:GnomonicCubedSphereProjection

URI	<a href="https://w3id.org/geosrs/projection/GnomonicCubedSphereProjection">https://w3id.org/geosrs/projection/GnomonicCubedSphereProjection</a>
Super-classes	<a href="#">GnomonicCubedSphereProjection</a>

## 11.117. Class: geosrs:GnomonicIcosahedronProjection

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**Table 200** — geosrs:GnomonicIcosahedronProjection

URI	<a href="https://w3id.org/geosrs/projection/GnomonicIcosahedronProjection">https://w3id.org/geosrs/projection/GnomonicIcosahedronProjection</a>
Super-classes	<a href="#">GnomonicIcosahedronProjection</a>

## 11.118. Class: geosrs:GnomonicProjection

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**Table 201** — geosrs:GnomonicProjection

URI	<a href="https://w3id.org/geosrs/projection/GnomonicProjection">https://w3id.org/geosrs/projection/GnomonicProjection</a>
Super-classes	<a href="#">GnomonicProjection</a>

## 11.119. Class: geosrs:GoodeHomolosineProjection

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**Table 202** — geosrs:GoodeHomolosineProjection

URI	<a href="https://w3id.org/geosrs/projection/GoodeHomolosineProjection">https://w3id.org/geosrs/projection/GoodeHomolosineProjection</a>
Super-classes	<a href="#">GoodeHomolosineProjection</a>

## 11.120. Class: geosrs:GottWagnerProjection

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**Table 203** — geosrs:GottWagnerProjection

URI	<a href="https://w3id.org/geosrs/projection/GottWagnerProjection">https://w3id.org/geosrs/projection/GottWagnerProjection</a>
Super-classes	<a href="#">GottWagnerProjection</a>

## 11.121. Class: geosrs:GringortenProjection

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**Table 204** — geosrs:GringortenProjection

URI	<a href="https://w3id.org/geosrs/projection/GringortenProjection">https://w3id.org/geosrs/projection/GringortenProjection</a>
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## 11.122. Class: geosrs:GringortenQuincuncialProjection

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**Table 205** — geosrs:GringortenQuincuncialProjection

URI	<a href="https://w3id.org/geosrs/projection/GringortenQuincuncialProjection">https://w3id.org/geosrs/projection/GringortenQuincuncialProjection</a>
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## 11.123. Class: geosrs:GuyouProjection

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**Table 206** — geosrs:GuyouProjection

URI	<a href="https://w3id.org/geosrs/projection/GuyouProjection">https://w3id.org/geosrs/projection/GuyouProjection</a>
Super-classes	<a href="#">GuyouProjection</a>

## 11.124. Class: geosrs:HEALPixProjection

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**Table 207** — geosrs:HEALPixProjection

URI	<a href="https://w3id.org/geosrs/projection/HEALPixProjection">https://w3id.org/geosrs/projection/HEALPixProjection</a>
Super-classes	<a href="#">HEALPixProjection</a>

## 11.125. Class: geosrs:HammerProjection

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**Table 208** — geosrs:HammerProjection

URI	<a href="https://w3id.org/geosrs/projection/HammerProjection">https://w3id.org/geosrs/projection/HammerProjection</a>
Super-classes	<a href="#">HammerProjection</a>

## 11.126. Class: geosrs:HammerRetroazimuthalProjection

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**Table 209** — geosrs:HammerRetroazimuthalProjection

URI	<a href="https://w3id.org/geosrs/projection/HammerRetroazimuthalProjection">https://w3id.org/geosrs/projection/HammerRetroazimuthalProjection</a>
Super-classes	<a href="#">HammerRetroazimuthalProjection</a>

## 11.127. Class: geosrs:HamusoidalProjection

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**Table 210** — geosrs:HamusoidalProjection

URI	<a href="https://w3id.org/geosrs/projection/HamusoidalProjection">https://w3id.org/geosrs/projection/HamusoidalProjection</a>
Super-classes	<a href="#">HamusoidalProjection</a>

## 11.128. Class: geosrs:HatanoAsymmetricalEqualAreaProjection

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**Table 211** — geosrs:HatanoAsymmetricalEqualAreaProjection

URI	<a href="https://w3id.org/geosrs/projection/HatanoAsymmetricalEqualAreaProjection">https://w3id.org/geosrs/projection/HatanoAsymmetricalEqualAreaProjection</a>
Super-classes	<a href="#">HatanoAsymmetricalEqualAreaProjection</a>

## 11.129. Class: geosrs:HerschelConformalConicProjection

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**Table 212** — geosrs:HerschelConformalConicProjection

URI	<a href="https://w3id.org/geosrs/projection/HerschelConformalConicProjection">https://w3id.org/geosrs/projection/HerschelConformalConicProjection</a>
Super-classes	<a href="#">HerschelConformalConicProjection</a>

## 11.130. Class: geosrs:HillEucyclicProjection

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**Table 213** — geosrs:HillEucyclicProjection

URI	<a href="https://w3id.org/geosrs/projection/HillEucyclicProjection">https://w3id.org/geosrs/projection/HillEucyclicProjection</a>
Super-classes	<a href="#">HillEucyclicProjection</a>

## 11.131. Class: geosrs:HoboDyerProjection

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**Table 214** — geosrs:HoboDyerProjection

URI	<a href="https://w3id.org/geosrs/projection/HoboDyerProjection">https://w3id.org/geosrs/projection/HoboDyerProjection</a>
Super-classes	<a href="#">HoboDyerProjection</a>

## 11.132. Class: geosrs:HufnagelIIIProjection

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**Table 215** — geosrs:HufnagelIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagelIIIProjection">https://w3id.org/geosrs/projection/HufnagelIIIProjection</a>
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## 11.133. Class: geosrs:HufnagellProjection

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**Table 216** — geosrs:HufnagellProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagellProjection">https://w3id.org/geosrs/projection/HufnagellProjection</a>
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## 11.134. Class: geosrs:HufnagellProjection

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**Table 217** — geosrs:HufnagellProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagellProjection">https://w3id.org/geosrs/projection/HufnagellProjection</a>
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## 11.135. Class: geosrs:HufnagellVProjection

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**Table 218** — geosrs:HufnagellVProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagellVProjection">https://w3id.org/geosrs/projection/HufnagellVProjection</a>
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## 11.136. Class: geosrs:HufnagellXProjection

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**Table 219** — geosrs:HufnagellXProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagellXProjection">https://w3id.org/geosrs/projection/HufnagellXProjection</a>
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## 11.137. Class: geosrs:HufnagelProjection

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**Table 220** — geosrs:HufnagelProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagelProjection">https://w3id.org/geosrs/projection/HufnagelProjection</a>
Super-classes	<a href="#">HufnagelProjection</a>

## 11.138. Class: geosrs:HufnagelVIIIProjection

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**Table 221** — geosrs:HufnagelVIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagelVIIIProjection">https://w3id.org/geosrs/projection/HufnagelVIIIProjection</a>
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## 11.139. Class: geosrs:HufnagelVIIProjection

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**Table 222** — geosrs:HufnagelVIIProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagelVIIProjection">https://w3id.org/geosrs/projection/HufnagelVIIProjection</a>
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## 11.140. Class: geosrs:HufnagelVIProjection

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**Table 223** — geosrs:HufnagelVIProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagelVIProjection">https://w3id.org/geosrs/projection/HufnagelVIProjection</a>
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## 11.141. Class: geosrs:HufnagelVProjection

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**Table 224** — geosrs:HufnagelVProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagelVProjection">https://w3id.org/geosrs/projection/HufnagelVProjection</a>
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## 11.142. Class: geosrs:HufnagelXIIProjection

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**Table 225** — geosrs:HufnagelXIIProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagelXIIProjection">https://w3id.org/geosrs/projection/HufnagelXIIProjection</a>
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## 11.143. Class: geosrs:HufnagelXIProjection

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**Table 226** — geosrs:HufnagelXIProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagelXIProjection">https://w3id.org/geosrs/projection/HufnagelXIProjection</a>
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## 11.144. Class: geosrs:HufnagelXProjection

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**Table 227** — geosrs:HufnagelXProjection

URI	<a href="https://w3id.org/geosrs/projection/HufnagelXProjection">https://w3id.org/geosrs/projection/HufnagelXProjection</a>
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## 11.145. Class: geosrs:IcosahedralProjection

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**Table 228** — geosrs:IcosahedralProjection

URI	<a href="https://w3id.org/geosrs/projection/IcosahedralProjection">https://w3id.org/geosrs/projection/IcosahedralProjection</a>
Super-classes	<a href="#">IcosahedralProjection</a>

## 11.146. Class: geosrs:InterruptedGoodeHomolosineOceanicViewProjection

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**Table 229** — geosrs:InterruptedGoodeHomolosineOceanicViewProjection

URI	<a href="https://w3id.org/geosrs/projection/InterruptedGoodeHomolosineOceanicViewProjection">https://w3id.org/geosrs/projection/InterruptedGoodeHomolosineOceanicViewProjection</a>
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## 11.147. Class: geosrs:InterruptedGoodeHomolosineProjection

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**Table 230** — geosrs:InterruptedGoodeHomolosineProjection

URI	<a href="https://w3id.org/geosrs/projection/InterruptedGoodeHomolosineProjection">https://w3id.org/geosrs/projection/InterruptedGoodeHomolosineProjection</a>
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## 11.148. Class: geosrs:InterruptedQuarticAuthalicProjection

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**Table 231** — geosrs:InterruptedQuarticAuthalicProjection

URI	<a href="https://w3id.org/geosrs/projection/InterruptedQuarticAuthalicProjection">https://w3id.org/geosrs/projection/InterruptedQuarticAuthalicProjection</a>
Super-classes	<a href="#">InterruptedQuarticAuthalicProjection</a>

## 11.149. Class: geosrs:JamesAzimuthalProjection

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**Table 232** — geosrs:JamesAzimuthalProjection

URI	<a href="https://w3id.org/geosrs/projection/JamesAzimuthalProjection">https://w3id.org/geosrs/projection/JamesAzimuthalProjection</a>
Super-classes	<a href="#">JamesAzimuthalProjection</a>

## 11.150. Class: geosrs:KamenetskiyIProjection

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**Table 233** — geosrs:KamenetskiyIProjection

URI	<a href="https://w3id.org/geosrs/projection/KamenetskiyIProjection">https://w3id.org/geosrs/projection/KamenetskiyIProjection</a>
Super-classes	<a href="#">KamenetskiyIProjection</a>

## 11.151. Class: geosrs:KarchenkoShabanovaProjection

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**Table 234** — geosrs:KarchenkoShabanovaProjection

URI	<a href="https://w3id.org/geosrs/projection/KarchenkoShabanovaProjection">https://w3id.org/geosrs/projection/KarchenkoShabanovaProjection</a>
Super-classes	<a href="#">KarchenkoShabanovaProjection</a>

## 11.152. Class: geosrs:Kavrayskiy7Projection

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**Table 235** — geosrs:Kavrayskiy7Projection

URI	<a href="https://w3id.org/geosrs/projection/Kavrayskiy7Projection">https://w3id.org/geosrs/projection/Kavrayskiy7Projection</a>
Super-classes	<a href="#">Kavrayskiy7Projection</a>

## 11.153. Class: geosrs:KissProjection

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**Table 236** — geosrs:KissProjection

URI	<a href="https://w3id.org/geosrs/projection/KissProjection">https://w3id.org/geosrs/projection/KissProjection</a>
Super-classes	<a href="#">KissProjection</a>

## 11.154. Class: geosrs:Krovak

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**Table 237** — geosrs:Krovak

URI	<a href="https://w3id.org/geosrs/projection/Krovak">https://w3id.org/geosrs/projection/Krovak</a>
Super-classes	<a href="#">Krovak</a>

## 11.155. Class: geosrs:LaHireProjection

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**Table 238** — geosrs:LaHireProjection

URI	<a href="https://w3id.org/geosrs/projection/LaHireProjection">https://w3id.org/geosrs/projection/LaHireProjection</a>
Super-classes	<a href="#">LaHireProjection</a>

## 11.156. Class: geosrs:LabordeProjection

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**Table 239** — geosrs:LabordeProjection

URI	<a href="https://w3id.org/geosrs/projection/LabordeProjection">https://w3id.org/geosrs/projection/LabordeProjection</a>
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Super-classes	<a href="#">LabordeProjection</a>
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## 11.157. Class: geosrs:LagrangeProjection

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**Table 240** — geosrs:LagrangeProjection

URI	<a href="https://w3id.org/geosrs/projection/LagrangeProjection">https://w3id.org/geosrs/projection/LagrangeProjection</a>
Super-classes	<a href="#">LagrangeProjection</a>

## 11.158. Class: geosrs:LambertAzimuthalEqualArea

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**Table 241** — geosrs:LambertAzimuthalEqualArea

URI	<a href="https://w3id.org/geosrs/projection/LambertAzimuthalEqualArea">https://w3id.org/geosrs/projection/LambertAzimuthalEqualArea</a>
Super-classes	<a href="#">LambertAzimuthalEqualArea</a>

## 11.159. Class: geosrs:LambertConformalConicProjection

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**Table 242** — geosrs:LambertConformalConicProjection

URI	<a href="https://w3id.org/geosrs/projection/LambertConformalConicProjection">https://w3id.org/geosrs/projection/LambertConformalConicProjection</a>
Super-classes	<a href="#">LambertConformalConicProjection</a>

## 11.160. Class: geosrs:LambertCylindricalEqualAreaProjection

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**Table 243** — geosrs:LambertCylindricalEqualAreaProjection

URI	<a href="https://w3id.org/geosrs/projection/LambertCylindricalEqualAreaProjection">https://w3id.org/geosrs/projection/LambertCylindricalEqualAreaProjection</a>
Super-classes	<a href="#">LambertCylindricalEqualAreaProjection</a>

## 11.161. Class: geosrs:LarriveeProjection

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**Table 244** — geosrs:LarriveeProjection

URI	<a href="https://w3id.org/geosrs/projection/LarriveeProjection">https://w3id.org/geosrs/projection/LarriveeProjection</a>
Super-classes	<a href="#">LarriveeProjection</a>

## 11.162. Class: geosrs:LaskowskiProjection

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**Table 245** — geosrs:LaskowskiProjection

URI	<a href="https://w3id.org/geosrs/projection/LaskowskiProjection">https://w3id.org/geosrs/projection/LaskowskiProjection</a>
Super-classes	<a href="#">LaskowskiProjection</a>

## 11.163. Class: geosrs:LatLonProjection

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**Table 246** — geosrs:LatLonProjection

URI	<a href="https://w3id.org/geosrs/projection/LatLonProjection">https://w3id.org/geosrs/projection/LatLonProjection</a>
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## 11.164. Class: geosrs:LeeProjection

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**Table 247** — geosrs:LeeProjection

URI	<a href="https://w3id.org/geosrs/projection/LeeProjection">https://w3id.org/geosrs/projection/LeeProjection</a>
Super-classes	<a href="#">LeeProjection</a>

## 11.165. Class: geosrs:LenticularProjection

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**Table 248** — geosrs:LenticularProjection

URI	<a href="https://w3id.org/geosrs/projection/LenticularProjection">https://w3id.org/geosrs/projection/LenticularProjection</a>
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## 11.166. Class: geosrs:LittrowProjection

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**Table 249** — geosrs:LittrowProjection

URI	<a href="https://w3id.org/geosrs/projection/LittrowProjection">https://w3id.org/geosrs/projection/LittrowProjection</a>
Super-classes	<a href="#">LittrowProjection</a>

## 11.167. Class: geosrs:LonLatProjection

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**Table 250** — geosrs:LonLatProjection

URI	<a href="https://w3id.org/geosrs/projection/LonLatProjection">https://w3id.org/geosrs/projection/LonLatProjection</a>
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## 11.168. Class: geosrs:LorgnaProjection

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**Table 251** — geosrs:LorgnaProjection

URI	<a href="https://w3id.org/geosrs/projection/LorgnaProjection">https://w3id.org/geosrs/projection/LorgnaProjection</a>
Super-classes	<a href="#">LorgnaProjection</a>

## 11.169. Class: geosrs:LowryProjection

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**Table 252** — geosrs:LowryProjection

URI	<a href="https://w3id.org/geosrs/projection/LowryProjection">https://w3id.org/geosrs/projection/LowryProjection</a>
Super-classes	<a href="#">LowryProjection</a>

## 11.170. Class: geosrs:LoximuthalProjection

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**Table 253** — geosrs:LoximuthalProjection

URI	<a href="https://w3id.org/geosrs/projection/LoximuthalProjection">https://w3id.org/geosrs/projection/LoximuthalProjection</a>
Super-classes	<a href="#">LoximuthalProjection</a>

## 11.171. Class: geosrs:MaurerNo73Projection

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**Table 254** — geosrs:MaurerNo73Projection

URI	<a href="https://w3id.org/geosrs/projection/MaurerNo73Projection">https://w3id.org/geosrs/projection/MaurerNo73Projection</a>
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## 11.172. Class: geosrs:MayrProjection

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**Table 255** — geosrs:MayrProjection

URI	<a href="https://w3id.org/geosrs/projection/MayrProjection">https://w3id.org/geosrs/projection/MayrProjection</a>
Super-classes	<a href="#">MayrProjection</a>

## 11.173. Class: geosrs:McBrydeThomasFlatPolarParabolicProjection

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**Table 256** — geosrs:McBrydeThomasFlatPolarParabolicProjection

URI	<a href="https://w3id.org/geosrs/projection/McBrydeThomasFlatPolarParabolicProjection">https://w3id.org/geosrs/projection/McBrydeThomasFlatPolarParabolicProjection</a>
Super-classes	<a href="#">McBrydeThomasFlatPolarParabolicProjection</a>

## 11.174. Class: geosrs:McBrydeThomasFlatPolarQuarticProjection

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**Table 257** — geosrs:McBrydeThomasFlatPolarQuarticProjection

URI	<a href="https://w3id.org/geosrs/projection/McBrydeThomasFlatPolarQuarticProjection">https://w3id.org/geosrs/projection/McBrydeThomasFlatPolarQuarticProjection</a>
Super-classes	<a href="#">McBrydeThomasFlatPolarQuarticProjection</a>

## 11.175. Class: geosrs:McBrydeThomasFlatPolarSinusoidalProjection

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**Table 258** — geosrs:McBrydeThomasFlatPolarSinusoidalProjection

URI	<a href="https://w3id.org/geosrs/projection/McBrydeThomasFlatPolarSinusoidalProjection">https://w3id.org/geosrs/projection/McBrydeThomasFlatPolarSinusoidalProjection</a>
Super-classes	<a href="#">McBrydeThomasFlatPolarSinusoidalProjection</a>

## 11.176. Class: geosrs:McBrydeThomasIIProjection

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**Table 259** — geosrs:McBrydeThomasIIProjection

URI	<a href="https://w3id.org/geosrs/projection/McBrydeThomasIIProjection">https://w3id.org/geosrs/projection/McBrydeThomasIIProjection</a>
Super-classes	<a href="#">McBrydeThomasIIProjection</a>

## 11.177. Class: geosrs:McBrydeThomasIProjection

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**Table 260** — geosrs:McBrydeThomasIProjection

URI	<a href="https://w3id.org/geosrs/projection/McBrydeThomasIProjection">https://w3id.org/geosrs/projection/McBrydeThomasIProjection</a>
Super-classes	<a href="#">McBrydeThomasIProjection</a>

## 11.178. Class: geosrs:MercatorProjection

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**Table 261** — geosrs:MercatorProjection

URI	<a href="https://w3id.org/geosrs/projection/MercatorProjection">https://w3id.org/geosrs/projection/MercatorProjection</a>
Super-classes	<a href="#">MercatorProjection</a>

## 11.179. Class: geosrs:MillerOblatedStereographicProjection

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**Table 262** — geosrs:MillerOblatedStereographicProjection

URI	<a href="https://w3id.org/geosrs/projection/MillerOblatedStereographicProjection">https://w3id.org/geosrs/projection/MillerOblatedStereographicProjection</a>
Super-classes	<a href="#">MillerOblatedStereographicProjection</a>

## 11.180. Class: geosrs:MillerProjection

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**Table 263** — geosrs:MillerProjection

URI	<a href="https://w3id.org/geosrs/projection/MillerProjection">https://w3id.org/geosrs/projection/MillerProjection</a>
Super-classes	<a href="#">MillerProjection</a>

## 11.181. Class: geosrs:MinimumErrorProjection

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**Table 264** — geosrs:MinimumErrorProjection

URI	<a href="https://w3id.org/geosrs/projection/MinimumErrorProjection">https://w3id.org/geosrs/projection/MinimumErrorProjection</a>
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## 11.182. Class: geosrs:MollweideProjection

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**Table 265** — geosrs:MollweideProjection

URI	<a href="https://w3id.org/geosrs/projection/MollweideProjection">https://w3id.org/geosrs/projection/MollweideProjection</a>
Super-classes	<a href="#">EqualAreaProjection</a> <a href="#">PseudoCylindricalProjection</a>

## 11.183. Class: geosrs:MurdochIIIProjection

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**Table 266** — geosrs:MurdochIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/MurdochIIIProjection">https://w3id.org/geosrs/projection/MurdochIIIProjection</a>
Super-classes	<a href="#">MurdochIIIProjection</a>

## 11.184. Class: geosrs:MurdochIIProjection

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**Table 267** — geosrs:MurdochIIProjection

URI	<a href="https://w3id.org/geosrs/projection/MurdochIIProjection">https://w3id.org/geosrs/projection/MurdochIIProjection</a>
Super-classes	<a href="#">MurdochIIProjection</a>

## 11.185. Class: geosrs:MurdochIProjection

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**Table 268** — geosrs:MurdochIProjection

URI	<a href="https://w3id.org/geosrs/projection/MurdochIProjection">https://w3id.org/geosrs/projection/MurdochIProjection</a>
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Super-classes	<a href="#">MurdochIProjection</a>
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## 11.186. Class: geosrs:MyrahedalProjection

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**Table 269** — geosrs:MyrahedalProjection

URI	<a href="https://w3id.org/geosrs/projection/MyrahedalProjection">https://w3id.org/geosrs/projection/MyrahedalProjection</a>
Super-classes	<a href="#">MyrahedalProjection</a>

## 11.187. Class: geosrs:NaturalEarth2Projection

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**Table 270** — geosrs:NaturalEarth2Projection

URI	<a href="https://w3id.org/geosrs/projection/NaturalEarth2Projection">https://w3id.org/geosrs/projection/NaturalEarth2Projection</a>
Super-classes	<a href="#">NaturalEarth2Projection</a>

## 11.188. Class: geosrs:NaturalEarthProjection

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**Table 271** — geosrs:NaturalEarthProjection

URI	<a href="https://w3id.org/geosrs/projection/NaturalEarthProjection">https://w3id.org/geosrs/projection/NaturalEarthProjection</a>
Definition	A pseudocylindrical map projection designed by Tom Patterson and introduced in 2008
Super-classes	<a href="#">NaturalEarthProjection</a>

## 11.189. Class: geosrs:NellHammerProjection

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**Table 272** — geosrs:NellHammerProjection

URI	<a href="https://w3id.org/geosrs/projection/NellHammerProjection">https://w3id.org/geosrs/projection/NellHammerProjection</a>
Super-classes	<a href="#">NellHammerProjection</a>

## 11.190. Class: geosrs:NellProjection

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**Table 273** — geosrs:NellProjection

URI	<a href="https://w3id.org/geosrs/projection/NellProjection">https://w3id.org/geosrs/projection/NellProjection</a>
Super-classes	<a href="#">NellProjection</a>

## 11.191. Class: geosrs:NicolosiGlobularProjection

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**Table 274** — geosrs:NicolosiGlobularProjection

URI	<a href="https://w3id.org/geosrs/projection/NicolosiGlobularProjection">https://w3id.org/geosrs/projection/NicolosiGlobularProjection</a>
Super-classes	<a href="#">NicolosiGlobularProjection</a>

## 11.192. Class: geosrs:NordicProjection

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**Table 275** — geosrs:NordicProjection

URI	<a href="https://w3id.org/geosrs/projection/NordicProjection">https://w3id.org/geosrs/projection/NordicProjection</a>
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## 11.193. Class: geosrs:ObliqueCylindricalEqualAreaProjection

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**Table 276** — geosrs:ObliqueCylindricalEqualAreaProjection

URI	<a href="https://w3id.org/geosrs/projection/ObliqueCylindricalEqualAreaProjection">https://w3id.org/geosrs/projection/ObliqueCylindricalEqualAreaProjection</a>
Super-classes	<a href="#">ObliqueCylindricalEqualAreaProjection</a>

## 11.194. Class: geosrs:ObliqueMercatorProjection

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**Table 277** — geosrs:ObliqueMercatorProjection

URI	<a href="https://w3id.org/geosrs/projection/ObliqueMercatorProjection">https://w3id.org/geosrs/projection/ObliqueMercatorProjection</a>
Super-classes	<a href="#">ObliqueMercatorProjection</a>

## 11.195. Class: geosrs:ObliquePlateCarreeProjection

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**Table 278** — geosrs:ObliquePlateCarreeProjection

URI	<a href="https://w3id.org/geosrs/projection/ObliquePlateCarreeProjection">https://w3id.org/geosrs/projection/ObliquePlateCarreeProjection</a>
Super-classes	<a href="#">ObliquePlateCarreeProjection</a>



## 11.196. Class: geosrs:ObliqueProjection

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**Table 279** — geosrs:ObliqueProjection

URI	<a href="https://w3id.org/geosrs/projection/ObliqueProjection">https://w3id.org/geosrs/projection/ObliqueProjection</a>
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## 11.197. Class: geosrs:ObliqueStereographicProjection

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**Table 280** — geosrs:ObliqueStereographicProjection

URI	<a href="https://w3id.org/geosrs/projection/ObliqueStereographicProjection">https://w3id.org/geosrs/projection/ObliqueStereographicProjection</a>
Super-classes	<a href="#">ObliqueStereographicProjection</a>

## 11.198. Class: geosrs:OctantProjection

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**Table 281** — geosrs:OctantProjection

URI	<a href="https://w3id.org/geosrs/projection/OctantProjection">https://w3id.org/geosrs/projection/OctantProjection</a>
Super-classes	<a href="#">OctantProjection</a>

## 11.199. Class: geosrs:OrteliusOvalProjection

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**Table 282** — geosrs:OrteliusOvalProjection

URI	<a href="https://w3id.org/geosrs/projection/OrteliusOvalProjection">https://w3id.org/geosrs/projection/OrteliusOvalProjection</a>
Super-classes	<a href="#">OrteliusOvalProjection</a>

## 11.200. Class: geosrs:OrthographicProjection

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**Table 283** — geosrs:OrthographicProjection

URI	<a href="https://w3id.org/geosrs/projection/OrthographicProjection">https://w3id.org/geosrs/projection/OrthographicProjection</a>
Super-classes	<a href="#">OrthographicProjection</a>

## 11.201. Class: geosrs:OvalProjection

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**Table 284** — geosrs:OvalProjection

URI	<a href="https://w3id.org/geosrs/projection/OvalProjection">https://w3id.org/geosrs/projection/OvalProjection</a>
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## 11.202. Class: geosrs:PattersonCylindricalProjection

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**Table 285** — geosrs:PattersonCylindricalProjection

URI	<a href="https://w3id.org/geosrs/projection/PattersonCylindricalProjection">https://w3id.org/geosrs/projection/PattersonCylindricalProjection</a>
Super-classes	<a href="#">PattersonCylindricalProjection</a>

## 11.203. Class: geosrs:PavlovProjection

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**Table 286** — geosrs:PavlovProjection

URI	<a href="https://w3id.org/geosrs/projection/PavlovProjection">https://w3id.org/geosrs/projection/PavlovProjection</a>
Super-classes	<a href="#">PavlovProjection</a>

## 11.204. Class: geosrs:PeirceQuincuncialProjection

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**Table 287** — geosrs:PeirceQuincuncialProjection

URI	<a href="https://w3id.org/geosrs/projection/PeirceQuincuncialProjection">https://w3id.org/geosrs/projection/PeirceQuincuncialProjection</a>
Super-classes	<a href="#">PeirceQuincuncialProjection</a>

## 11.205. Class: geosrs:PerspectiveConicProjection

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**Table 288** — geosrs:PerspectiveConicProjection

URI	<a href="https://w3id.org/geosrs/projection/PerspectiveConicProjection">https://w3id.org/geosrs/projection/PerspectiveConicProjection</a>
Super-classes	<a href="#">PerspectiveConicProjection</a>

## 11.206. Class: geosrs:PerspectiveProjection

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**Table 289** — geosrs:PerspectiveProjection

URI	<a href="https://w3id.org/geosrs/projection/PerspectiveProjection">https://w3id.org/geosrs/projection/PerspectiveProjection</a>
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## 11.207. Class: geosrs:PetermannStarProjection

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**Table 290** — geosrs:PetermannStarProjection

URI	<a href="https://w3id.org/geosrs/projection/PetermannStarProjection">https://w3id.org/geosrs/projection/PetermannStarProjection</a>
Super-classes	<a href="#">PetermannStarProjection</a>

## 11.208. Class: geosrs:PlateCarreeProjection

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**Table 291** — geosrs:PlateCarreeProjection

URI	<a href="https://w3id.org/geosrs/projection/PlateCarreeProjection">https://w3id.org/geosrs/projection/PlateCarreeProjection</a>
Super-classes	<a href="#">PlateCarreeProjection</a>

## 11.209. Class: geosrs:PoleLineProjection

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**Table 292** — geosrs:PoleLineProjection

URI	<a href="https://w3id.org/geosrs/projection/PoleLineProjection">https://w3id.org/geosrs/projection/PoleLineProjection</a>
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## 11.210. Class: geosrs:PolyconicProjection

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**Table 293** — geosrs:PolyconicProjection

URI	<a href="https://w3id.org/geosrs/projection/PolyconicProjection">https://w3id.org/geosrs/projection/PolyconicProjection</a>
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## 11.211. Class: geosrs:PolyhedralProjection

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**Table 294** — geosrs:PolyhedralProjection

URI	<a href="https://w3id.org/geosrs/projection/PolyhedralProjection">https://w3id.org/geosrs/projection/PolyhedralProjection</a>
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# 11.212. Class: geosrs:Projection

Table 295 — geosrs:Projection

URI	<a href="https://w3id.org/geosrs/projection/Projection">https://w3id.org/geosrs/projection/Projection</a>
Super-classes	<a href="#">Projection</a>

# 11.213. Class: geosrs:PseudoAzimuthalProjection

Table 296 — geosrs:PseudoAzimuthalProjection

URI	<a href="https://w3id.org/geosrs/projection/PseudoAzimuthalProjection">https://w3id.org/geosrs/projection/PseudoAzimuthalProjection</a>
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# 11.214. Class: geosrs:PseudoConicalProjection

Table 297 — geosrs:PseudoConicalProjection

URI	<a href="https://w3id.org/geosrs/projection/PseudoConicalProjection">https://w3id.org/geosrs/projection/PseudoConicalProjection</a>
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# 11.215. Class: geosrs:PseudoCylindricalProjection

Table 298 — geosrs:PseudoCylindricalProjection

URI	<a href="https://w3id.org/geosrs/projection/PseudoCylindricalProjection">https://w3id.org/geosrs/projection/PseudoCylindricalProjection</a>
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## 11.216. Class: geosrs:PseudoOrthographicProjection

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**Table 299** — geosrs:PseudoOrthographicProjection

URI	<a href="https://w3id.org/geosrs/projection/PseudoOrthographicProjection">https://w3id.org/geosrs/projection/PseudoOrthographicProjection</a>
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## 11.217. Class: geosrs:PtolemyIIProjection

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**Table 300** — geosrs:PtolemyIIProjection

URI	<a href="https://w3id.org/geosrs/projection/PtolemyIIProjection">https://w3id.org/geosrs/projection/PtolemyIIProjection</a>
Super-classes	<a href="#">PtolemyIProjection</a>

## 11.218. Class: geosrs:PtolemyIProjection

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**Table 301** — geosrs:PtolemyIProjection

URI	<a href="https://w3id.org/geosrs/projection/PtolemyIProjection">https://w3id.org/geosrs/projection/PtolemyIProjection</a>
Super-classes	<a href="#">PtolemyProjection</a>

## 11.219. Class: geosrs:PutninsP1Projection

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**Table 302** — geosrs:PutninsP1Projection

URI	<a href="https://w3id.org/geosrs/projection/PutninsP1Projection">https://w3id.org/geosrs/projection/PutninsP1Projection</a>
Super-classes	<a href="#">PutninsP1Projection</a>

## 11.220. Class: geosrs:PutninsP2Projection

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**Table 303** — geosrs:PutninsP2Projection

URI	<a href="https://w3id.org/geosrs/projection/PutninsP2Projection">https://w3id.org/geosrs/projection/PutninsP2Projection</a>
Super-classes	<a href="#">PutninsP2Projection</a>

## 11.221. Class: geosrs:PutninsP3Projection

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**Table 304** — geosrs:PutninsP3Projection

URI	<a href="https://w3id.org/geosrs/projection/PutninsP3Projection">https://w3id.org/geosrs/projection/PutninsP3Projection</a>
Super-classes	<a href="#">PutninsP3Projection</a>

## 11.222. Class: geosrs:PutninsP5Projection

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**Table 305** — geosrs:PutninsP5Projection

URI	<a href="https://w3id.org/geosrs/projection/PutninsP5Projection">https://w3id.org/geosrs/projection/PutninsP5Projection</a>
Super-classes	<a href="#">PutninsP5Projection</a>

## 11.223. Class: geosrs:PutninsP6Projection

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**Table 306** — geosrs:PutninsP6Projection

URI	<a href="https://w3id.org/geosrs/projection/PutninsP6Projection">https://w3id.org/geosrs/projection/PutninsP6Projection</a>
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Super-classes	<a href="#">PutninsP6Projection</a>
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## 11.224. Class: geosrs:QuadrilateralizedSphericalCubeProjection

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**Table 307** — geosrs:QuadrilateralizedSphericalCubeProjection

URI	<a href="https://w3id.org/geosrs/projection/QuadrilateralizedSphericalCubeProjection">https://w3id.org/geosrs/projection/QuadrilateralizedSphericalCubeProjection</a>
Super-classes	<a href="#">QuadrilateralizedSphericalCubeProjection</a>

## 11.225. Class: geosrs:QuarticAuthalicProjection

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**Table 308** — geosrs:QuarticAuthalicProjection

URI	<a href="https://w3id.org/geosrs/projection/QuarticAuthalicProjection">https://w3id.org/geosrs/projection/QuarticAuthalicProjection</a>
Super-classes	<a href="#">QuarticAuthalicProjection</a>

## 11.226. Class: geosrs:RectangularPolyconicProjection

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**Table 309** — geosrs:RectangularPolyconicProjection

URI	<a href="https://w3id.org/geosrs/projection/RectangularPolyconicProjection">https://w3id.org/geosrs/projection/RectangularPolyconicProjection</a>
Super-classes	<a href="#">RectangularPolyconicProjection</a>



## 11.227. Class: geosrs:RetroazimuthalProjection

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**Table 310** — geosrs:RetroazimuthalProjection

URI	<a href="https://w3id.org/geosrs/projection/RetroazimuthalProjection">https://w3id.org/geosrs/projection/RetroazimuthalProjection</a>
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## 11.228. Class: geosrs:RobinsonProjection

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**Table 311** — geosrs:RobinsonProjection

URI	<a href="https://w3id.org/geosrs/projection/RobinsonProjection">https://w3id.org/geosrs/projection/RobinsonProjection</a>
Super-classes	<a href="#">RobinsonProjection</a>

## 11.229. Class: geosrs:RoussilheProjection

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**Table 312** — geosrs:RoussilheProjection

URI	<a href="https://w3id.org/geosrs/projection/RoussilheProjection">https://w3id.org/geosrs/projection/RoussilheProjection</a>
Super-classes	<a href="#">RoussilheProjection</a>

## 11.230. Class: geosrs:SchjerningIProjection

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**Table 313** — geosrs:SchjerningIProjection

URI	<a href="https://w3id.org/geosrs/projection/SchjerningIProjection">https://w3id.org/geosrs/projection/SchjerningIProjection</a>
Super-classes	<a href="#">SchjerningIProjection</a>

## 11.231. Class: geosrs:SinusoidalProjection

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**Table 314** — geosrs:SinusoidalProjection

URI	<a href="https://w3id.org/geosrs/projection/SinusoidalProjection">https://w3id.org/geosrs/projection/SinusoidalProjection</a>
Super-classes	<a href="#">SinusoidalProjection</a>

## 11.232. Class: geosrs:SmythEqualSurfaceProjection

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**Table 315** — geosrs:SmythEqualSurfaceProjection

URI	<a href="https://w3id.org/geosrs/projection/SmythEqualSurfaceProjection">https://w3id.org/geosrs/projection/SmythEqualSurfaceProjection</a>
Super-classes	<a href="#">SmythEqualSurfaceProjection</a>

## 11.233. Class: geosrs:SpaceObliqueMercatorProjection

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**Table 316** — geosrs:SpaceObliqueMercatorProjection

URI	<a href="https://w3id.org/geosrs/projection/SpaceObliqueMercatorProjection">https://w3id.org/geosrs/projection/SpaceObliqueMercatorProjection</a>
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## 11.234. Class: geosrs:SpilhausOceanicProjection

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**Table 317** — geosrs:SpilhausOceanicProjection

URI	<a href="https://w3id.org/geosrs/projection/SpilhausOceanicProjection">https://w3id.org/geosrs/projection/SpilhausOceanicProjection</a>
Super-classes	<a href="#">SpilhausOceanicProjection</a>

## 11.235. Class: geosrs:StabiusWernerIIIProjection

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**Table 318** — geosrs:StabiusWernerIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/StabiusWernerIIIProjection">https://w3id.org/geosrs/projection/StabiusWernerIIIProjection</a>
Super-classes	<a href="#">StabiusWernerIIIProjection</a>

## 11.236. Class: geosrs:StabiusWernerIIProjection

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**Table 319** — geosrs:StabiusWernerIIProjection

URI	<a href="https://w3id.org/geosrs/projection/StabiusWernerIIProjection">https://w3id.org/geosrs/projection/StabiusWernerIIProjection</a>
Super-classes	<a href="#">StabiusWernerIIProjection</a>

## 11.237. Class: geosrs:StabiusWernerIProjection

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**Table 320** — geosrs:StabiusWernerIProjection

URI	<a href="https://w3id.org/geosrs/projection/StabiusWernerIProjection">https://w3id.org/geosrs/projection/StabiusWernerIProjection</a>
Super-classes	<a href="#">StabiusWernerIProjection</a>

## 11.238. Class: geosrs:StereographicProjection

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**Table 321** — geosrs:StereographicProjection

URI	<a href="https://w3id.org/geosrs/projection/StereographicProjection">https://w3id.org/geosrs/projection/StereographicProjection</a>
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Super-classes

[StereographicProjection](#)

## 11.239. Class: geosrs:Strebe1995Projection

**Table 322** — geosrs:Strebe1995Projection

URI	<a href="https://w3id.org/geosrs/projection/Strebe1995Projection">https://w3id.org/geosrs/projection/Strebe1995Projection</a>
Super-classes	<a href="#">Strebe1995Projection</a>

## 11.240. Class: geosrs:TheTimesProjection

**Table 323** — geosrs:TheTimesProjection

URI	<a href="https://w3id.org/geosrs/projection/TheTimesProjection">https://w3id.org/geosrs/projection/TheTimesProjection</a>
Super-classes	<a href="#">TheTimesProjection</a>

## 11.241. Class: geosrs:TiltedPerspectiveProjection

**Table 324** — geosrs:TiltedPerspectiveProjection

URI	<a href="https://w3id.org/geosrs/projection/TiltedPerspectiveProjection">https://w3id.org/geosrs/projection/TiltedPerspectiveProjection</a>
Super-classes	<a href="#">TiltedPerspectiveProjection</a>

## 11.242. Class: geosrs:ToblerCylindricalIIProjection

**Table 325** — geosrs:ToblerCylindricalIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/ToblerCylindricalIIIProjection">https://w3id.org/geosrs/projection/ToblerCylindricalIIIProjection</a>
Super-classes	<a href="#">ToblerCylindricalIIIProjection</a>

## 11.243. Class: geosrs:ToblerCylindricalIProjection

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**Table 326** — geosrs:ToblerCylindricalIProjection

URI	<a href="https://w3id.org/geosrs/projection/ToblerCylindricalIProjection">https://w3id.org/geosrs/projection/ToblerCylindricalIProjection</a>
Super-classes	<a href="#">ToblerCylindricalIProjection</a>

## 11.244. Class: geosrs:ToblerG1Projection

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**Table 327** — geosrs:ToblerG1Projection

URI	<a href="https://w3id.org/geosrs/projection/ToblerG1Projection">https://w3id.org/geosrs/projection/ToblerG1Projection</a>
Super-classes	<a href="#">ToblerG1Projection</a>

## 11.245. Class: geosrs:ToblerHyperellipticalProjection

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**Table 328** — geosrs:ToblerHyperellipticalProjection

URI	<a href="https://w3id.org/geosrs/projection/ToblerHyperellipticalProjection">https://w3id.org/geosrs/projection/ToblerHyperellipticalProjection</a>
Super-classes	<a href="#">ToblerHyperellipticalProjection</a>

## 11.246. Class: geosrs:ToblerWorldInASquareProjection

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**Table 329** — geosrs:ToblerWorldInASquareProjection

URI	<a href="https://w3id.org/geosrs/projection/ToblerWorldInASquareProjection">https://w3id.org/geosrs/projection/ToblerWorldInASquareProjection</a>
Super-classes	<a href="#">ToblerWorldInASquareProjection</a>

## 11.247. Class: geosrs:TransverseCylindricalEqualAreaProjection

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**Table 330** — geosrs:TransverseCylindricalEqualAreaProjection

URI	<a href="https://w3id.org/geosrs/projection/TransverseCylindricalEqualAreaProjection">https://w3id.org/geosrs/projection/TransverseCylindricalEqualAreaProjection</a>
Super-classes	<a href="#">TransverseCylindricalEqualAreaProjection</a>

## 11.248. Class: geosrs:TransverseMercatorProjection

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**Table 331** — geosrs:TransverseMercatorProjection

URI	<a href="https://w3id.org/geosrs/projection/TransverseMercatorProjection">https://w3id.org/geosrs/projection/TransverseMercatorProjection</a>
Super-classes	<a href="#">TransverseMercatorProjection</a>

## 11.249. Class: geosrs:TrystanEdwardsProjection

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**Table 332** — geosrs:TrystanEdwardsProjection

URI	<a href="https://w3id.org/geosrs/projection/TrystanEdwardsProjection">https://w3id.org/geosrs/projection/TrystanEdwardsProjection</a>
Super-classes	<a href="#">TrystanEdwardsProjection</a>

## 11.250. Class: geosrs:TwoPointEquidistantProjection

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**Table 333** — geosrs:TwoPointEquidistantProjection

URI	<a href="https://w3id.org/geosrs/projection/TwoPointEquidistantProjection">https://w3id.org/geosrs/projection/TwoPointEquidistantProjection</a>
Super-classes	<a href="#">TwoPointEquidistantProjection</a>

## 11.251. Class: geosrs:UniversalTransverseMercatorProjection

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**Table 334** — geosrs:UniversalTransverseMercatorProjection

URI	<a href="https://w3id.org/geosrs/projection/UniversalTransverseMercatorProjection">https://w3id.org/geosrs/projection/UniversalTransverseMercatorProjection</a>
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## 11.252. Class: geosrs:UrmayevIIIProjection

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**Table 335** — geosrs:UrmayevIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/UrmayevIIIProjection">https://w3id.org/geosrs/projection/UrmayevIIIProjection</a>
Super-classes	<a href="#">UrmayevIIIProjection</a>

## 11.253. Class: geosrs:VanDerGrintenIIIProjection

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**Table 336** — geosrs:VanDerGrintenIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/VanDerGrintenIIIProjection">https://w3id.org/geosrs/projection/VanDerGrintenIIIProjection</a>
Super-classes	<a href="#">VanDerGrintenIIIProjection</a>

## 11.254. Class: geosrs:VanDerGrintenIIProjection

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**Table 337** — geosrs:VanDerGrintenIIProjection

URI	<a href="https://w3id.org/geosrs/projection/VanDerGrintenIIProjection">https://w3id.org/geosrs/projection/VanDerGrintenIIProjection</a>
Super-classes	<a href="#">VanDerGrintenIIProjection</a>

## 11.255. Class: geosrs:VanDerGrintenIProjection

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**Table 338** — geosrs:VanDerGrintenIProjection

URI	<a href="https://w3id.org/geosrs/projection/VanDerGrintenIProjection">https://w3id.org/geosrs/projection/VanDerGrintenIProjection</a>
Super-classes	<a href="#">VanDerGrintenIProjection</a>

## 11.256. Class: geosrs:VanDerGrintenIVProjection

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**Table 339** — geosrs:VanDerGrintenIVProjection

URI	<a href="https://w3id.org/geosrs/projection/VanDerGrintenIVProjection">https://w3id.org/geosrs/projection/VanDerGrintenIVProjection</a>
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## 11.257. Class: geosrs:VerticalPerspectiveProjection

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**Table 340** — geosrs:VerticalPerspectiveProjection

URI	<a href="https://w3id.org/geosrs/projection/VerticalPerspectiveProjection">https://w3id.org/geosrs/projection/VerticalPerspectiveProjection</a>
Super-classes	<a href="#">VerticalPerspectiveProjection</a>

## 11.258. Class: geosrs:VitkovskyIProjection

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**Table 341** — geosrs:VitkovskyIProjection

URI	<a href="https://w3id.org/geosrs/projection/VitkovskyIProjection">https://w3id.org/geosrs/projection/VitkovskyIProjection</a>
Super-classes	<a href="#">VitkovskyIProjection</a>

## 11.259. Class: geosrs:WagnerIIIProjection

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**Table 342** — geosrs:WagnerIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/WagnerIIIProjection">https://w3id.org/geosrs/projection/WagnerIIIProjection</a>
Super-classes	<a href="#">WagnerIIIProjection</a>

## 11.260. Class: geosrs:WagnerIIProjection

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**Table 343** — geosrs:WagnerIIProjection

URI	<a href="https://w3id.org/geosrs/projection/WagnerIIProjection">https://w3id.org/geosrs/projection/WagnerIIProjection</a>
Super-classes	<a href="#">WagnerIIProjection</a>

## 11.261. Class: geosrs:WagnerIProjection

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**Table 344** — geosrs:WagnerIProjection

URI	<a href="https://w3id.org/geosrs/projection/WagnerIProjection">https://w3id.org/geosrs/projection/WagnerIProjection</a>
Super-classes	<a href="#">WagnerIProjection</a>

## 11.262. Class: geosrs:WagnerIVProjection

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**Table 345** — geosrs:WagnerIVProjection

URI	<a href="https://w3id.org/geosrs/projection/WagnerIVProjection">https://w3id.org/geosrs/projection/WagnerIVProjection</a>
Super-classes	<a href="#">WagnerIVProjection</a>

## 11.263. Class: geosrs:WagnerIXProjection

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**Table 346** — geosrs:WagnerIXProjection

URI	<a href="https://w3id.org/geosrs/projection/WagnerIXProjection">https://w3id.org/geosrs/projection/WagnerIXProjection</a>
Super-classes	<a href="#">WagnerIXProjection</a>

## 11.264. Class: geosrs:WagnerVIIIProjection

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**Table 347** — geosrs:WagnerVIIIProjection

URI	<a href="https://w3id.org/geosrs/projection/WagnerVIIIProjection">https://w3id.org/geosrs/projection/WagnerVIIIProjection</a>
Super-classes	<a href="#">WagnerVIIIProjection</a>

## 11.265. Class: geosrs:WagnerVIIProjection

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**Table 348** — geosrs:WagnerVIIProjection

URI	<a href="https://w3id.org/geosrs/projection/WagnerVIIProjection">https://w3id.org/geosrs/projection/WagnerVIIProjection</a>
Super-classes	<a href="#">WagnerVIIProjection</a>

## 11.266. Class: geosrs:WagnerVIProjection

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**Table 349** — geosrs:WagnerVIProjection

URI	<a href="https://w3id.org/geosrs/projection/WagnerVIProjection">https://w3id.org/geosrs/projection/WagnerVIProjection</a>
Super-classes	<a href="#">WagnerVIProjection</a>

## 11.267. Class: geosrs:WagnerVProjection

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**Table 350** — geosrs:WagnerVProjection

URI	<a href="https://w3id.org/geosrs/projection/WagnerVProjection">https://w3id.org/geosrs/projection/WagnerVProjection</a>
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Super-classes

[WagnerVProjection](#)

## 11.268. Class: geosrs:WatermanButterflyProjection

**Table 351** — geosrs:WatermanButterflyProjection

URI	<a href="https://w3id.org/geosrs/projection/WatermanButterflyProjection">https://w3id.org/geosrs/projection/WatermanButterflyProjection</a>
Super-classes	<a href="#">WatermanButterflyProjection</a>

## 11.269. Class: geosrs:WebMercatorProjection

**Table 352** — geosrs:WebMercatorProjection

URI	<a href="https://w3id.org/geosrs/projection/WebMercatorProjection">https://w3id.org/geosrs/projection/WebMercatorProjection</a>
Super-classes	<a href="#">WebMercatorProjection</a>

## 11.270. Class: geosrs:WerenskioldIProjection

**Table 353** — geosrs:WerenskioldIProjection

URI	<a href="https://w3id.org/geosrs/projection/WerenskioldIProjection">https://w3id.org/geosrs/projection/WerenskioldIProjection</a>
Super-classes	<a href="#">WerenskioldIProjection</a>

## 11.271. Class: geosrs:WernerProjection

**Table 354** — geosrs:WernerProjection

URI	<a href="https://w3id.org/geosrs/projection/WernerProjection">https://w3id.org/geosrs/projection/WernerProjection</a>
Super-classes	<a href="#">WernerProjection</a>

## 11.272. Class: geosrs:WiechelProjection

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**Table 355** — geosrs:WiechelProjection

URI	<a href="https://w3id.org/geosrs/projection/WichelProjection">https://w3id.org/geosrs/projection/WichelProjection</a>
Super-classes	<a href="#">WiechelProjection</a>

## 11.273. Class: geosrs:WinkelIIProjection

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**Table 356** — geosrs:WinkelIIProjection

URI	<a href="https://w3id.org/geosrs/projection/WinkelIIProjection">https://w3id.org/geosrs/projection/WinkelIIProjection</a>
Super-classes	<a href="#">WinkelIIProjection</a>

## 11.274. Class: geosrs:WinkelIProjection

---

**Table 357** — geosrs:WinkelIProjection

URI	<a href="https://w3id.org/geosrs/projection/WinkelIProjection">https://w3id.org/geosrs/projection/WinkelIProjection</a>
Super-classes	<a href="#">WinkelIProjection</a>

## 11.275. Class: geosrs:WinkelSnyderProjection

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**Table 358** — geosrs:WinkelSnyderProjection

URI	<a href="https://w3id.org/geosrs/projection/WinkelSnyderProjection">https://w3id.org/geosrs/projection/WinkelSnyderProjection</a>
Super-classes	<a href="#">WinkelSnyderProjection</a>

## 11.276. Class: geosrs:WinkelTripelProjection

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**Table 359** — geosrs:WinkelTripelProjection

URI	<a href="https://w3id.org/geosrs/projection/WinkelTripelProjection">https://w3id.org/geosrs/projection/WinkelTripelProjection</a>
Super-classes	<a href="#">WinkelTripelProjection</a>

## 11.277. Class: geosrs:PutninsP3'Projection

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**Table 360** — geosrs:PutninsP3'Projection

URI	<a href="https://w3id.org/geosrs/projection/PutninsP3'Projection">https://w3id.org/geosrs/projection/PutninsP3'Projection</a>
Super-classes	<a href="#">PutninsP3'Projection</a>

## 11.278. Class: geosrs:PutninsP4'Projection

---

**Table 361** — geosrs:PutninsP4'Projection

URI	<a href="https://w3id.org/geosrs/projection/PutninsP4'Projection">https://w3id.org/geosrs/projection/PutninsP4'Projection</a>
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Super-classes

[PutninsP4'Projection](#)

## 11.279. Class: geosrs:PutninsP5'Projection

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**Table 362** — geosrs:PutninsP5'Projection

URI

<https://w3id.org/geosrs/projection/PutninsP5'Projection>

Super-classes

[PutninsP5'Projection](#)

## 11.280. Class: geosrs:PutninsP6'Projection

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**Table 363** — geosrs:PutninsP6'Projection

URI

<https://w3id.org/geosrs/projection/PutninsP6'Projection>

Super-classes

[PutninsP6'Projection](#)

## 11.281. Class: geosrs:MollweideWagnerProjection

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**Table 364** — geosrs:MollweideWagnerProjection

URI

<https://w3id.org/geosrs/projection/MollweideWagnerProjection>



12

# PLANET MODULE

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This clause establishes the **PLANET** Requirements class, with IRI /req/planet, which has a corresponding Conformance Class, **PLANET**, with IRI /conf/planet.



# ANNEX A (INFORMATIVE) ALIGNMENTS

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# ANNEX A (INFORMATIVE) ALIGNMENTS

## Overview

## Overview

The prefixes used for the ontologies mapped to in all following sections are given in the following table.

**Table A.1** — Alignment: Namespaces

ign:	<a href="http://data.ign.fr/def/ignf#">http://data.ign.fr/def/ignf#</a>
iso19111:	<a href="http://def.isotc211.org/iso19112/2019/SpatialReferencingByGeographicIdentifier#">http://def.isotc211.org/iso19112/2019/SpatialReferencingByGeographicIdentifier#</a>
geosrs:	<a href="http://www.opengis.net/ont/geosparql#">http://www.opengis.net/ont/geosparql#</a>
ifc:	<a href="https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/">https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/</a>
owl:	<a href="http://www.w3.org/2002/07/owl#">http://www.w3.org/2002/07/owl#</a>
prov:	<a href="http://www.w3.org/ns/prov#">http://www.w3.org/ns/prov#</a>
rdf:	<a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>
rdfs:	<a href="http://www.w3.org/2000/01/rdf-schema#">http://www.w3.org/2000/01/rdf-schema#</a>

## A.1. IGN Ontology

**Table A.2 – Alignment: IGN Ontology**

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
<a href="#">geosrs:CoordinateSystem</a>	<a href="#">owl:equivalentClass</a>	<a href="http://data.ign.fr/def/ignf#CoordinateSystem">http://data.ign.fr/def/ignf#CoordinateSystem</a> <a href="#">geosrs:CoordinateSystem</a>	<a href="#">geosrs:Datum</a>
<a href="#">owl:equivalentClass</a>	<a href="http://data.ign.fr/def/ignf#Datum">http://data.ign.fr/def/ignf#Datum</a> <a href="#">geosrs:Datum</a>	<a href="#">geosrs:Ellipsoid</a>	<a href="#">owl:equivalentClass</a>

| From Element | Mapping relation | To Element | Notes

|<https://w3id.org/geosrs/CoordinateSystem>[\[geosrs:CoordinateSystem\]](#) |<http://www.w3.org/2002/07/owl#equivalentClass>[\[owl:equivalentClass\]](#) |<http://def.isotc211.org/iso19112/2019/SpatialReferencingByGeographicIdentifier#CoordinateSystem>[\[geosrs:CoordinateSystem\]](#)

|<https://w3id.org/geosrs/Datum>[\[geosrs:Datum\]](#) |<http://www.w3.org/2002/07/owl#equivalentClass>[\[owl:equivalentClass\]](#) |<http://def.isotc211.org/iso19112/2019/SpatialReferencingByGeographicIdentifier#Datum>[\[geosrs:Datum\]](#)

|<https://w3id.org/geosrs/Ellipsoid>[\[geosrs:Ellipsoid\]](#) |<http://www.w3.org/2002/07/owl#equivalentClass>[\[owl:equivalentClass\]](#) |<http://def.isotc211.org/iso19112/2019/SpatialReferencingByGeographicIdentifier#Ellipsoid>[\[geosrs:Ellipsoid\]](#)

|===== IFC Ontology

**Table A.3 – Alignment: IFC Ontology**

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
<a href="#">geosrs:CRS</a>	<a href="#">owl:equivalentClass</a>	<a href="https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/IfcCoordinateReferenceSystem">https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/IfcCoordinateReferenceSystem</a> <a href="#">[geoCRS]</a>	<a href="#">geosrs:CoordinateOperation</a>
<a href="#">owl:equivalentClass</a>	<a href="https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/IfcCoordinateOperation">https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/IfcCoordinateOperation</a> <a href="#">[geosCoordinateOperation]</a>	<a href="#">geosrs:AxisDirection</a>	<a href="#">owl:equivalentClass</a>
<a href="https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/IfcDirection">https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/IfcDirection</a> <a href="#">[geosrs:AxisDirection]</a>	<a href="#">geosrs:ProjectedCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/IfcProjectedCRS">https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/IfcProjectedCRS</a> <a href="#">[geosrs:ProjectedCRS]</a>

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
<a href="#">geosrs:axis</a>	<a href="#">owl:equivalentProperty</a>	<a href="https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/axis_IfcAxis1Placement">https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/axis_IfcAxis1Placement</a> <a href="#">geosrs:axis</a>	<a href="#">geosrs:sourceCRS</a>
<a href="#">owl:equivalentProperty</a>	<a href="https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/sourceCRS">https://standards.buildingsmart.org/IFC/DEV/IFC4/ADD2_TC1/OWL/sourceCRS</a> <a href="#">geosrs:sourceCRS</a>	<a href="#">geosrs:targetCRS</a>	<a href="#">owl:equivalentProperty</a>



# ANNEX B (INFORMATIVE) SHACL SHAPES

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## ANNEX B (INFORMATIVE) SHACL SHAPES

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Overview

### Overview

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# ANNEX C (INFORMATIVE) REVISION HISTORY

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## ANNEX C (INFORMATIVE) REVISION HISTORY

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DATE	RELEASE	AUTHOR	PRIMARY CLAUSES MODIFIED	DESCRIPTION
2016-04-28	0.1	G. Editor	all	initial version



# BIBLIOGRAPHY





## BIBLIOGRAPHY

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**NOTE:** The TC has approved Springer LNCS as the official document citation type. Springer LNCS is widely used in technical and computer science journals and other publications. For citations in the text please use square brackets and consecutive numbers: [1], [2], [3]. Actual References: [n] Journal: Author Surname, A.: Title. Publication Title. Volume number, Issue number, Pages Used (Year Published)

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