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<Insert Abstract Text here>



The following are keywords to be used by search engines and document catalogues.

keyword\_1, keyword\_2, keyword\_3, etc.

# PREFACE

**NOTE:**Insert Preface Text here. Give OGC specific commentary: describe the technical content, reason for document, history of the document and precursors, and plans for future work.

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### **SECURITY CONSIDERATIONS**

No security considerations have been made for this Standard.



### **SUBMITTERS**

All questions regarding this submission should be directed to the editor or the submitters:

NAME	AFFILIATION	OGC MEMBER
Steve Liang	University of Calgary, Canada / SensorUp Inc.	Yes



# SOURCE OF THE CONTENT FOR THIS OGC DOCUMENT



### **VALIDITY OF CONTENT**



### **FUTURE WORK**

**NOTE:**If you need to place any further sections in the preface area use the [.preface] attribute.



Additional contributors to this Standard include the following: Individual name(s), Organization



# 1 SCOPE

<Insert Scope text here>

**NOTE:**Give the subject of the document and the aspects of that scope covered by the document.

2

## CONFORMANCE



### CONFORMANCE

<Insert conformance content here>

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

3

## NORMATIVE REFERENCES



### 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.)

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- 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)



## TERMS AND DEFINITIONS



### TERMS AND DEFINITIONS

This document uses the terms defined in <u>OGC Policy Directive 49</u>, 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

## 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

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

<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

Туре	owl:Class
URI	https://w3id.org/geosrs/cs/CoordinateSystem
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

Туре	owl:Class
URI	https://w3id.org/geosrs/cs/CartesianCoordinateSystem
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	PseudoCylindricalProjection

## 6.3. Class: geosrs:EllipsoidalCoordinateSystem

**Table 3** — geosrs:EllipsoidalCoordinateSystem

Туре	owl:Class
URI	https://w3id.org/geosrs/cs/EllipsoidalCoordinateSystem
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	<u>PseudoCylindricalProjection</u>

## 6.4. Class: geosrs:LinearCoordinateSystem

**Table 4** — geosrs:LinearCoordinateSystem

Туре	owl:Class
URI	https://w3id.org/geosrs/cs/LinearCoordinateSystem
Definition	One-dimensional coordinate system in which a linear feature forms the axis.

## 6.5. Class: geosrs:OrdinalCoordinateSystem

**Table 5** — geosrs:OrdinalCoordinateSystem

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

## 6.6. Class: geosrs:ParametricCoordinateSystem

**Table 6** — geosrs:ParametricCoordinateSystem

Туре	owl:Class
URI	https://w3id.org/geosrs/cs/ParametricCoordinateSystem
Definition	One-dimensional coordinate system where the axis units are parameter values which are not inherently spatial.
Super-classes	GeodeticCoordinateSystem

## 6.7. Class: geosrs:PolarCoordinateSystem

**Table 7** — geosrs:PolarCoordinateSystem

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

## 6.8. Class: geosrs:SphericalCoordinateSystem

**Table 8** — geosrs:SphericalCoordinateSystem

Туре	owl:Class
URI	https://w3id.org/geosrs/cs/SphericalCoordinateSystem

Definition	Three-dimensional coordinate system in Euclidean space with one distance measured from the origin and two angular coordinates
Super-classes	GeodeticCoordinateSystem

## 6.9. Class: geosrs:VerticalCoordinateSystem

 $\textbf{Table 9} - \mathsf{geosrs:} Vertical Coordinate System$ 

Туре	owl:Class
URI	https://w3id.org/geosrs/cs/VerticalCoordinateSystem
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	<u>3DCoordinateSystem</u>

## 6.10. Class: geosrs:CoordinateSystemAxis

**Table 10** — geosrs:CoordinateSystemAxis

Туре	owl:Class
URI	https://w3id.org/geosrs/cs/CoordinateSystemAxis
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

#### **Table 11** — geosrs:AreaOfUse

Туре	owl:Class
URI	https://w3id.org/geosrs/srs/AreaOfUse

## 6.12. Class: geosrs:CRS

#### **Table 12** — geosrs:CRS

Туре	owl:Class
URI	https://w3id.org/geosrs/srs/CRS
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	<u>3DCoordinateSystem</u>

## 6.13. Class: geosrs:EngineeringCRS

**Table 13** — geosrs:EngineeringCRS

Туре	owl:Class
URI	https://w3id.org/geosrs/srs/EngineeringCRS

## 6.14. Class: geosrs:GeodeticCRS

**Table 14** — geosrs:GeodeticCRS

Туре	<u>owl:Class</u>
URI	https://w3id.org/geosrs/srs/GeodeticCRS
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

**Table 15** — geosrs:GeographicCRS

Туре	owl:Class
URI	https://w3id.org/geosrs/srs/GeographicCRS

## 6.16. Class: geosrs:ProjectedCRS

**Table 16** — geosrs:ProjectedCRS

Туре	<u>owl:Class</u>
URI	https://w3id.org/geosrs/srs/ProjectedCRS
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

**Table 17** — geosrs:SingleCRS

Туре	<u>owl:Class</u>
URI	https://w3id.org/geosrs/srs/SingleCRS
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

**Table 18** — geosrs:SpatialReferenceSystem

Туре	owl:Class
URI	https://w3id.org/geosrs/srs/SpatialReferenceSystem
Definition	A reference system allowing the description of a position.
Super-classes	CRS[CRS]

## 6.19. Class: geosrs:CoordinateOperation

**Table 19** — geosrs:CoordinateOperation

Туре	owl:Class
URI	https://w3id.org/geosrs/co/CoordinateOperation
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

#### **Table 20** — geosrs:SingleOperation

Туре	owl:Class
URI	https://w3id.org/geosrs/co/SingleOperation
Definition	A non concatenated coordinate operation. Cf. ISO 19111:2007:2007-07, table 43.
Super-classes	CRS[CRS]

## 6.21. Class: geosrs:Transformation

**Table 21** — geosrs:Transformation

Туре	owl:Class
URI	https://w3id.org/geosrs/co/Transformation
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

**Table 22** — geosrs:Conversion

Туре	owl:Class
URI	https://w3id.org/geosrs/co/Conversion

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

Туре	owl:Class
URI	https://w3id.org/geosrs/co/OperationMethod
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

Туре	owl:Class
URI	https://w3id.org/geosrs/co/OperationParameter
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

Туре	<u>owl:Class</u>

URI	https://w3id.org/geosrs/co/OperationParameterValue
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

Туре	owl:Class
URI	https://w3id.org/geosrs/datum/Datum
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

Туре	owl:Class
URI	https://w3id.org/geosrs/datum/GeodeticDatum
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

Туре	<u>owl:Class</u>
URI	https://w3id.org/geosrs/datum/PrimeMeridian
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

**Table 29** — geosrs:Ellipsoid

Туре	owl:Class
URI	https://w3id.org/geosrs/datum/Ellipsoid
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: Vertical Datum

**Table 30** — geosrs:VerticalDatum

Туре	owl:Class
URI	https://w3id.org/geosrs/datum/VerticalDatum
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	https://w3id.org/geosrs/semiMajorAxis
Туре	owl:DatatypeProperty
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	Ellipsoid

## 6.32. Property: geosrs:semiMinorAxis

**Table 32** — geosrs:semiMinorAxis

URI	https://w3id.org/geosrs/semiMinorAxis
Туре	owl:DatatypeProperty
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	Ellipsoid

## 6.33. Property: geosrs:axis

Table 33 — geosrs:axis

URI	https://w3id.org/geosrs/axis
Туре	owl:ObjectProperty
Definition	The property relates a coordinate system to one of its axis
Range	Axis
Domain	CoordinateSystem

## 6.34. Property: geosrs:baseCRS

**Table 34** — geosrs:baseCRS

URI	https://w3id.org/geosrs/baseCRS
Туре	owl:ObjectProperty
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	CRS
Domain	CRS

## 6.35. Property: geosrs:coordinateSystem

**Table 35** — geosrs:coordinateSystem

URI	https://w3id.org/geosrs/coordinateSystem
Туре	owl:ObjectProperty
Definition	The property relates a coordinate reference system to its coordinate system

Range	<u>CoordinateSystem</u>
Domain	CRS

## 6.36. Property: geosrs:datum

#### **Table 36** — geosrs:datum

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

## 6.37. Property: geosrs:domainOfValidity

**Table 37** — geosrs:domainOfValidity

URI	https://w3id.org/geosrs/domainOfValidity
Туре	owl:ObjectProperty
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	<u>AreaOfUse</u>
Domain	CRS

## 6.38. Property: geosrs:ellipsoid

**Table 38** — geosrs:ellipsoid

URI	https://w3id.org/geosrs/ellipsoid
Туре	owl:ObjectProperty
Definition	The properties relates a datum to its ellipsoid definition
Range	Ellipsoid
Domain	<u>Datum</u>

## 6.39. Property: geosrs:sourceCRS

**Table 39** — geosrs:sourceCRS

URI	https://w3id.org/geosrs/sourceCRS
Туре	owl:ObjectProperty
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	CRS
Domain	CRS

## 6.40. Property: geosrs:targetCRS

 Table 40 — geosrs:targetCRS

URI	https://w3id.org/geosrs/targetCRS
Туре	owl:ObjectProperty
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	CRS
Domain	CRS



# COORDINATE OPERATION MODULE

# 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	https://w3id.org/geosrs/co/derivingConversion
Туре	owl:ObjectProperty
Range	CRS
Domain	CRS

## 7.2. Property: geosrs:method

**Table 42** — geosrs:method

URI	https://w3id.org/geosrs/co/method
Туре	owl:ObjectProperty
Range	CoordinateOperation
Domain	CRS

## 7.3. Property: geosrs:parameter

**Table 43** — geosrs:parameter

URI	https://w3id.org/geosrs/co/parameter
Туре	owl:ObjectProperty
Range	<u>OperationParameter</u>
Domain	Conversion

8

# COORDINATE SYSTEM MODULE

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

## 8.2. Class: geosrs:3DCoordinateSystem

#### **Table 45** — geosrs:3DCoordinateSystem

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

## 8.3. Class: geosrs:AffineCoordinateSystem

#### **Table 46** — geosrs:AffineCoordinateSystem

URI	https://w3id.org/geosrs/cs/AffineCoordinateSystem
Old	nttps://word.org/geosis/es//minecoordinatesystem

Definition	Coordinate system in Euclidean space with straight axes that are not necessarily mutually perpendicular
Super-classes	AffineCoordinateSystem

## 8.4. Class: geosrs:BarycentricCoordinateSystem

 $\textbf{Table 47}- {\tt geosrs:} Barycentric Coordinate System$ 

URI	https://w3id.org/geosrs/cs/BarycentricCoordinateSystem
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	BarycentricCoordinateSystem

## 8.5. Class: geosrs:CelestialCoordinateSystem

**Table 48** — geosrs:CelestialCoordinateSystem

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

## 8.6. Class: geosrs:ConicalCoordinateSystem

**Table 49** — geosrs:ConicalCoordinateSystem

URI	https://w3id.org/geosrs/cs/ConicalCoordinateSystem

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	<u>ConicalCoordinateSystem</u>

## 8.7. Class: geosrs:CurvilinearCoordinateSystem

**Table 50** — geosrs:CurvilinearCoordinateSystem

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

## 8.8. Class: geosrs:CylindricalCoordinateSystem

 $\textbf{Table 51}- {\sf geosrs:CylindricalCoordinateSystem}$ 

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

## 8.9. Class: geosrs:EclipticCoordinateSystem

**Table 52** — geosrs:EclipticCoordinateSystem

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

## 8.10. Class: geosrs:EngineeringCoordinateSystem

**Table 53** — geosrs:EngineeringCoordinateSystem

URI	https://w3id.org/geosrs/cs/ EngineeringCoordinateSystem
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 system, an ordinal coordinate system, a polar coordinate system or a spherical coordinate system
Super-classes	<u>EngineeringCoordinateSystem</u>

## 8.11. Class: geosrs:EquatorialCoordinateSystem

 $\textbf{Table 54}- {\tt geosrs:} Equatorial Coordinate System$ 

URI	https://w3id.org/geosrs/cs/EquatorialCoordinateSystem
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	<u>EquatorialCoordinateSystem</u>

## 8.12. Class: geosrs:GalacticCoordinateSystem

**Table 55** — geosrs:GalacticCoordinateSystem

URI	https://w3id.org/geosrs/cs/GalacticCoordinateSystem
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	CelestialCoordinateSystem 3DCoordinateSystem

## 8.13. Class: geosrs:GeodeticCoordinateSystem

**Table 56** — geosrs:GeodeticCoordinateSystem

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

## 8.14. Class: geosrs:GeographicalCoordinateSystem

Table 57- geosrs: Geographical Coordinate System

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

## 8.15. Class: geosrs:GridCoordinateSystem

#### **Table 58** — geosrs:GridCoordinateSystem

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

## 8.16. Class: geosrs: Hexagonal Coordinate System

**Table 59** — geosrs:HexagonalCoordinateSystem

URI	https://w3id.org/geosrs/cs/HexagonalCoordinateSystem
Definition	A hexagonal coordinate system identifies areas within a hexagonal lattice.
Super-classes	HexagonalCoordinateSystem

## 8.17. Class: geosrs:HorizontalCoordinateSystem

**Table 60** — geosrs:HorizontalCoordinateSystem

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

## 8.18. Class: geosrs:LocalCoordinateSystem

#### **Table 61** — geosrs:LocalCoordinateSystem

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

## 8.19. Class: geosrs:ObliqueCoordinateSystem

**Table 62** — geosrs:ObliqueCoordinateSystem

URI	https://w3id.org/geosrs/cs/ObliqueCoordinateSystem
Definition	A plane coordinate system whose axes are not perpendicular.
Super-classes	ObliqueCoordinateSystem

## 8.20. Class: geosrs:OrthogonalCoordinateSystem

**Table 63** — geosrs:OrthogonalCoordinateSystem

URI	https://w3id.org/geosrs/cs/OrthogonalCoordinateSystem
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	<u>OrthogonalCoordinateSystem</u>

## 8.21. Class: geosrs:PerifocalCoordinateSystem

#### **Table 64** — geosrs:PerifocalCoordinateSystem

URI	https://w3id.org/geosrs/cs/PerifocalCoordinateSystem
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	PerifocalCoordinateSystem

## 8.22. Class: geosrs:PlanarCoordinateSystem

**Table 65** — geosrs:PlanarCoordinateSystem

URI	https://w3id.org/geosrs/cs/PlanarCoordinateSystem
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	<u>PlanarCoordinateSystem</u>

## 8.23. Class: geosrs:SkewCoordinateSystem

**Table 66** — geosrs:SkewCoordinateSystem

URI	https://w3id.org/geosrs/cs/SkewCoordinateSystem
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	<u>SkewCoordinateSystem</u>

## 8.24. Class: geosrs:DateTimeTemporalCoordinateSystem

#### **Table 67** — geosrs:DateTimeTemporalCoordinateSystem

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

## 8.25. Class: geosrs:TemporalCountCoordinateSystem

**Table 68** — geosrs:TemporalCountCoordinateSystem

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

## 8.26. Class: geosrs:TemporalCoordinateSystem

**Table 69** — geosrs:TemporalCoordinateSystem

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

## 8.27. Class: geosrs:TemporalMeasureCoordinateSystem

Table 70 - geosrs: Temporal Measure Coordinate System

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

## 8.28. Class: geosrs:SuperGalacticCS

**Table 71** — geosrs:SuperGalacticCS

URI	https://w3id.org/geosrs/cs/SuperGalacticCS
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	CelestialCoordinateSystem 3DCoordinateSystem

## 8.29. Property: geosrs:axisDirection

 $\textbf{Table 72} - \mathsf{geosrs:} \mathsf{axisDirection}$ 

URI	https://w3id.org/geosrs/cs/axisDirection
Туре	owl:ObjectProperty
Definition	The direction of an axis. Cf. ISO 19111:2007:2007-07, table 27, attribute coordinate system axis direction.
Range	AxisDirection

Domain <u>Axis</u>

## 8.30. Property: geosrs:cylindricalCS

#### **Table 73** — geosrs:cylindricalCS

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



# DATUM MODULE

# 9

### DATUM MODULE

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	https://w3id.org/geosrs/datum/ DynamicGeodeticReferenceFrame
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	DynamicGeodeticReferenceFrame

## 9.2. Class: geosrs:TriaxialEllipsoid

#### **Table 75** — geosrs:TriaxialEllipsoid

URI	https://w3id.org/geosrs/datum/TriaxialEllipsoid
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	https://w3id.org/geosrs/datum/DynamicVerticalDatum

Definition	Vertical reference frame in which some of the defining parameters have time dependencyExample: 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>DynamicVerticalDatum</u>

## 9.4. Class: geosrs:ParametricDatum

**Table 77** — geosrs:ParametricDatum

URI	https://w3id.org/geosrs/datum/ParametricDatum
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>ParametricDatum</u>

## 9.5. Class: geosrs:DefiningParameter

**Table 78** — geosrs:DefiningParameter

URI	https://w3id.org/geosrs/datum/DefiningParameter
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	https://w3id.org/geosrs/datum/EngineeringDatum
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	EngineeringDatum

## 9.7. Class: geosrs:TemporalDatum

**Table 80** — geosrs:TemporalDatum

URI	https://w3id.org/geosrs/datum/TemporalDatum
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	<u>TemporalDatum</u>

## 9.8. Class: geosrs:DatumEnsemble

**Table 81** — geosrs:DatumEnsemble

URI	https://w3id.org/geosrs/datum/DatumEnsemble
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	https://w3id.org/geosrs/datum/inverseFlattening
Туре	owl:DatatypeProperty
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	Ellipsoid

## 9.10. Property: geosrs:primeMeridian

**Table 83** — geosrs:primeMeridian

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



# SRS APPLICATION MODULE



# SRS APPLICATION MODULE

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



# PROJECTIONS MODULE



### PROJECTIONS MODULE

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	https://w3id.org/geosrs/projection/A4Projection
Super-classes	A4Projection

### 11.2. Class: geosrs:AdamsProjection

### **Table 85** — geosrs:AdamsProjection

URI	https://w3id.org/geosrs/projection/AdamsProjection
Super-classes	<u>AdamsProjection</u>

### 11.3. Class: geosrs:AdamsWorldInASquareIIProjection

#### **Table 86** — geosrs:AdamsWorldInASquareIIProjection

URI	https://w3id.org/geosrs/projection/ AdamsWorldInASquareIIProjection
Super-classes	<u>AdamsWorldInASquareIIProjection</u>

# 11.4. Class: geosrs:AdamsWorldInASquareIProjection

### **Table 87** — geosrs:AdamsWorldInASquareIProjection

URI	https://w3id.org/geosrs/projection/ AdamsWorldInASquarelProjection
Super-classes	<u>AdamsWorldInASquareIProjection</u>

# 11.5. Class: geosrs:AiryProjection

**Table 88** — geosrs:AiryProjection

URI	https://w3id.org/geosrs/projection/AiryProjection
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	<u>AiryProjection</u>

# 11.6. Class: geosrs:AitoffObliqueProjection

**Table 89** — geosrs:AitoffObliqueProjection

URI	https://w3id.org/geosrs/projection/ AitoffObliqueProjection
Super-classes	<u>AitoffObliqueProjection</u>

# 11.7. Class: geosrs:AitoffProjection

**Table 90** — geosrs:AitoffProjection

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

# 11.8. Class: geosrs:AlbersEqualAreaProjection

**Table 91** — geosrs:AlbersEqualAreaProjection

URI	https://w3id.org/geosrs/projection/ AlbersEqualAreaProjection
Super-classes	<u>AlbersEqualAreaProjection</u>

# 11.9. Class: geosrs: American Polyconic Projection

**Table 92** — geosrs:AmericanPolyconicProjection

URI	https://w3id.org/geosrs/projection/ AmericanPolyconicProjection
Super-classes	<u>AmericanPolyconicProjection</u>

### 11.10. Class: geosrs:ApianGlobularIProjection

**Table 93** — geosrs:ApianGlobularlProjection

URI	https://w3id.org/geosrs/projection/ ApianGlobularlProjection
Super-classes	<u>ApianGlobularIProjection</u>

# 11.11. Class: geosrs:ApianIIProjection

### **Table 94** — geosrs:ApianIIProjection

URI	https://w3id.org/geosrs/projection/ApianIIProjection
Super-classes	<u>ApianIIProjection</u>

# 11.12. Class: geosrs:ArchaicProjection

### **Table 95** — geosrs:ArchaicProjection

URI	https://w3id.org/geosrs/projection/ArchaicProjection

# 11.13. Class: geosrs:ArdenCloseProjection

### **Table 96** — geosrs:ArdenCloseProjection

URI	https://w3id.org/geosrs/projection/ ArdenCloseProjection
Super-classes	ArdenCloseProjection

# 11.14. Class: geosrs:ArmadilloProjection

**Table 97** — geosrs:ArmadilloProjection

URI	https://w3id.org/geosrs/projection/ArmadilloProjection
Super-classes	<u>ArmadilloProjection</u>

### 11.15. Class: geosrs:AtlantisProjection

### **Table 98** — geosrs:AtlantisProjection

URI	https://w3id.org/geosrs/projection/AtlantisProjection
Super-classes	AtlantisProjection

# 11.16. Class: geosrs:AugustEpicycloidalProjection

### **Table 99** — geosrs:AugustEpicycloidalProjection

URI	https://w3id.org/geosrs/projection/ AugustEpicycloidalProjection
Definition	A projection in which every angle between two curves that crosss each other on a celestical body is preserved in the image of the projection
Super-classes	AugustEpicycloidalProjection

# 11.17. Class: geosrs: Autha Graph Projection

### **Table 100** — geosrs:AuthaGraphProjection

URI	https://w3id.org/geosrs/projection/ AuthaGraphProjection
Super-classes	AuthaGraphProjection

# 11.18. Class: geosrs:AzimuthalEqualAreaProjection

**Table 101** — geosrs:AzimuthalEqualAreaProjection

URI	https://w3id.org/geosrs/projection/ AzimuthalEqualAreaProjection
Super-classes	<u>AzimuthalEqualAreaProjection</u>

# 11.19. Class: geosrs: Azimuthal Equidistant Projection

**Table 102** — geosrs:AzimuthalEquidistantProjection

URI	https://w3id.org/geosrs/projection/ AzimuthalEquidistantProjection
Super-classes	AzimuthalEquidistantProjection

# 11.20. Class: geosrs:AzimuthalProjection

#### **Table 103** — geosrs:AzimuthalProjection

URI	https://w3id.org/geosrs/projection/AzimuthalProjection

# 11.21. Class: geosrs:BSAMCylindricalProjection

### **Table 104** — geosrs:BSAMCylindricalProjection

URI	https://w3id.org/geosrs/projection/ BSAMCylindricalProjection
Super-classes	BSAMCylindricalProjection

# 11.22. Class: geosrs:BaconGlobularProjection

#### **Table 105** — geosrs:BaconGlobularProjection

URI	https://w3id.org/geosrs/projection/ BaconGlobularProjection
Super-classes	<u>BaconGlobularProjection</u>

# 11.23. Class: geosrs:BakerDinomicProjection

### **Table 106** — geosrs:BakerDinomicProjection

URI	https://w3id.org/geosrs/projection/ BakerDinomicProjection
Super-classes	<u>BakerDinomicProjection</u>

# 11.24. Class: geosrs:BalthasartProjection

**Table 107** — geosrs:BalthasartProjection

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

# 11.25. Class: geosrs:BaranyillIProjection

### **Table 108** — geosrs:BaranyilllProjection

URI	https://w3id.org/geosrs/projection/BaranyillIProjection
Super-classes	BaranyillIProjection

# 11.26. Class: geosrs:BaranyillProjection

### **Table 109** — geosrs:BaranyillProjection

URI	https://w3id.org/geosrs/projection/BaranyillProjection
Super-classes	BaranyillProjection

# 11.27. Class: geosrs:BaranyilProjection

### **Table 110** — geosrs:BaranyilProjection

URI	https://w3id.org/geosrs/projection/BaranyilProjection
Super-classes	<u>BaranyilProjection</u>

# 11.28. Class: geosrs:BaranyilVProjection

### **Table 111** — geosrs:BaranyilVProjection

URI	https://w3id.org/geosrs/projection/BaranyilVProjection
Super-classes	BaranyilVProjection

# 11.29. Class: geosrs:BartholomewProjection

### **Table 112** — geosrs:BartholomewProjection

URI	https://w3id.org/geosrs/projection/ BartholomewProjection
Super-classes	<u>BartholomewProjection</u>

# 11.30. Class: geosrs:BehrmannProjection

**Table 113** — geosrs:BehrmannProjection

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

# 11.31. Class: geosrs:BerghausStarProjection

**Table 114** — geosrs:BerghausStarProjection

URI	https://w3id.org/geosrs/projection/ BerghausStarProjection
Super-classes	BerghausStarProjection

# 11.32. Class: geosrs:BertinProjection

**Table 115** — geosrs:BertinProjection

URI	https://w3id.org/geosrs/projection/BertinProjection
Super-classes	<u>BertinProjection</u>

### 11.33. Class:

# geosrs:BipolarObliqueConicConformalProjection

**Table 116** — geosrs:BipolarObliqueConicConformalProjection

URI	https://w3id.org/geosrs/projection/ BipolarObliqueConicConformalProjection
Super-classes	<u>BipolarObliqueConicConformalProjection</u>

# 11.34. Class: geosrs:BoggsEumorphicProjection

**Table 117** — geosrs:BoggsEumorphicProjection

URI	https://w3id.org/geosrs/projection/ BoggsEumorphicProjection
Super-classes	BoggsEumorphicProjection

### 11.35. Class: geosrs:BonneProjection

**Table 118** — geosrs:BonneProjection

URI	https://w3id.org/geosrs/projection/BonneProjection
Super-classes	BonneProjection

# 11.36. Class: geosrs:BottomleyProjection

### **Table 119** — geosrs:BottomleyProjection

URI	https://w3id.org/geosrs/projection/BottomleyProjection
Super-classes	<u>BottomleyProjection</u>

# 11.37. Class: geosrs:BraunPerspectiveProjection

**Table 120** — geosrs:BraunPerspectiveProjection

URI	https://w3id.org/geosrs/projection/ BraunPerspectiveProjection
Super-classes	<u>BraunPerspectiveProjection</u>

### 11.38. Class: geosrs:BraunStereographicProjection

**Table 121** — geosrs:BraunStereographicProjection

URI	https://w3id.org/geosrs/projection/ BraunStereographicProjection
Super-classes	<u>BraunStereographicProjection</u>

# 11.39. Class: geosrs:BreusingGeometricProjection

**Table 122** — geosrs:BreusingGeometricProjection

LIDI	https://w3id.org/geosrs/projection/
URI	<u>BreusingGeometricProjection</u>

# 11.40. Class: geosrs:BreusingHarmonicProjection

### **Table 123** — geosrs:BreusingHarmonicProjection

URI	https://w3id.org/geosrs/projection/ BreusingHarmonicProjection
Super-classes	<u>BreusingHarmonicProjection</u>

### 11.41. Class: geosrs:BriesemeisterProjection

#### **Table 124** — geosrs:BriesemeisterProjection

URI	https://w3id.org/geosrs/projection/ BriesemeisterProjection
Super-classes	<u>BriesemeisterProjection</u>

# 11.42. Class: geosrs:BromleyProjection

**Table 125** — geosrs:BromleyProjection

URI	https://w3id.org/geosrs/projection/BromleyProjection
Super-classes	BromleyProjection

### 11.43. Class: geosrs:CabotProjection

### **Table 126** — geosrs:CabotProjection

URI	https://w3id.org/geosrs/projection/CabotProjection
Super-classes	CabotProjection

# 11.44. Class: geosrs:CahillKeyesProjection

### **Table 127** — geosrs:CahillKeyesProjection

URI	https://w3id.org/geosrs/projection/CahillKeyesProjection
Super-classes	CahillKeyesProjection

# 11.45. Class: geosrs:CassiniProjection

**Table 128** — geosrs:CassiniProjection

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

# 11.46. Class: geosrs:CentralConicProjection

**Table 129** — geosrs:CentralConicProjection

URI	https://w3id.org/geosrs/projection/ CentralConicProjection
Super-classes	CentralConicProjection

# 11.47. Class: geosrs:CentralCylindricalProjection

#### **Table 130** — geosrs:CentralCylindricalProjection

URI	https://w3id.org/geosrs/projection/ CentralCylindricalProjection
Super-classes	<u>CentralCylindricalProjection</u>

# 11.48. Class: geosrs: Chamberlin Trimetric Projection

**Table 131** — geosrs:ChamberlinTrimetricProjection

URI	https://w3id.org/geosrs/projection/ ChamberlinTrimetricProjection
Super-classes	<u>ChamberlinTrimetricProjection</u>

### 11.49. Class: geosrs:CiriclProjection

**Table 132** — geosrs:CiriclProjection

URI	https://w3id.org/geosrs/projection/CiriclProjection
Super-classes	CiriclProjection

# 11.50. Class: geosrs:CollignonButterflyProjection

**Table 133** — geosrs:CollignonButterflyProjection

	https://www.ication/
URI	https://w3id.org/geosrs/projection/
	<u>CollignonButterflyProjection</u>

# 11.51. Class: geosrs:CollignonProjection

**Table 134** — geosrs:CollignonProjection

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

# 11.52. Class: geosrs:ColombiaUrbanProjection

**Table 135** — geosrs:ColombiaUrbanProjection

URI	https://w3id.org/geosrs/projection/
OKI	<u>Colombia Urban Projection</u>

# 11.53. Class: geosrs:CompactMillerProjection

**Table 136** — geosrs:CompactMillerProjection

URI	https://w3id.org/geosrs/projection/ CompactMillerProjection
Super-classes	<u>CompactMillerProjection</u>

### 11.54. Class: geosrs:CompromiseProjection

URI

https://w3id.org/geosrs/projection/ CompromiseProjection

### 11.55. Class: geosrs:ConformalProjection

### **Table 138** — geosrs:ConformalProjection

URI

https://w3id.org/geosrs/projection/ConformalProjection

# 11.56. Class: geosrs:ConicalProjection

### **Table 139** — geosrs:ConicalProjection

URI

https://w3id.org/geosrs/projection/ConicalProjection

# 11.57. Class: geosrs:CordiformProjection

#### **Table 140** — geosrs:CordiformProjection

URI

https://w3id.org/geosrs/projection/CordiformProjection

# 11.58. Class: geosrs:CoxConformalProjection

#### **Table 141** — geosrs:CoxConformalProjection

URI	https://w3id.org/geosrs/projection/ CoxConformalProjection
Super-classes	<u>CoxConformalProjection</u>

# 11.59. Class: geosrs:CraigRetroazimuthalProjection

### **Table 142** — geosrs:CraigRetroazimuthalProjection

URI	https://w3id.org/geosrs/projection/ CraigRetroazimuthalProjection
Super-classes	<u>CraigRetroazimuthalProjection</u>

# 11.60. Class: geosrs:CrasterParabolicProjection

### **Table 143** — geosrs:CrasterParabolicProjection

URI	https://w3id.org/geosrs/projection/ CrasterParabolicProjection
Super-classes	<u>CrasterParabolicProjection</u>

# 11.61. Class: geosrs:CupolaProjection

#### **Table 144** — geosrs:CupolaProjection

URI	https://w3id.org/geosrs/projection/CupolaProjection
Super-classes	<u>CupolaProjection</u>

# 11.62. Class: geosrs:CylindricalEqualArea

**Table 145** — geosrs:CylindricalEqualArea

URI	https://w3id.org/geosrs/projection/CylindricalEqualArea

# 11.63. Class: geosrs:CylindricalProjection

### **Table 146** — geosrs:CylindricalProjection

URI

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

### 11.64. Class: geosrs:CylindricalStereographicProjection

#### **Table 147** — geosrs:CylindricalStereographicProjection

URI	https://w3id.org/geosrs/projection/ CylindricalStereographicProjection
Super-classes	<u>CylindricalStereographicProjection</u>

### 11.65. Class: geosrs: Deakin Minimum Error Projection

**Table 148** — geosrs:DeakinMinimumErrorProjection

URI	https://w3id.org/geosrs/projection/ DeakinMinimumErrorProjection
Super-classes	<u>DeakinMinimumErrorProjection</u>

### 11.66. Class: geosrs: Dedistort Projection

**Table 149** — geosrs:DedistortProjection

URI	https://w3id.org/geosrs/projection/DedistortProjection
Super-classes	<u>DedistortProjection</u>

# 11.67. Class: geosrs:DenoyerSemiEllipticalProjection

**Table 150** — geosrs:DenoyerSemiEllipticalProjection

URI	https://w3id.org/geosrs/projection/ DenoyerSemiEllipticalProjection
Super-classes	<u>DenoyerSemiEllipticalProjection</u>

# 11.68. Class: geosrs:DietrichKitadaProjection

**Table 151** — geosrs:DietrichKitadaProjection

URI	https://w3id.org/geosrs/projection/ DietrichKitadaProjection
Super-classes	<u>DietrichKitadaProjection</u>

# 11.69. Class: geosrs:DodecahedralProjection

**Table 152** — geosrs:DodecahedralProjection

URI	https://w3id.org/geosrs/projection/ DodecahedralProjection
Super-classes	<u>DodecahedralProjection</u>

# 11.70. Class: geosrs:DymaxionProjection

**Table 153** — geosrs:DymaxionProjection

URI	https://w3id.org/geosrs/projection/DymaxionProjection
Super-classes	<u>DymaxionProjection</u>

# 11.71. Class: geosrs: Eckert 1 Projection

**Table 154** — geosrs:Eckert1Projection

URI	https://w3id.org/geosrs/projection/Eckert1Projection
Super-classes	Eckert1Projection

### 11.72. Class: geosrs: Eckert 2 Projection

**Table 155** — geosrs:Eckert2Projection

URI	https://w3id.org/geosrs/projection/Eckert2Projection
Super-classes	Eckert2Projection

# 11.73. Class: geosrs:Eckert3Projection

**Table 156** — geosrs:Eckert3Projection

URI	https://w3id.org/geosrs/projection/Eckert3Projection

# 11.74. Class: geosrs: Eckert 4 Projection

### **Table 157** — geosrs:Eckert4Projection

URI	https://w3id.org/geosrs/projection/Eckert4Projection
Super-classes	Eckert4Projection

# 11.75. Class: geosrs: Eckert 5 Projection

### **Table 158** — geosrs:Eckert5Projection

URI	https://w3id.org/geosrs/projection/Eckert5Projection
Super-classes	Eckert5Projection

# 11.76. Class: geosrs: Eckert 6 Projection

### **Table 159** — geosrs:Eckert6Projection

URI	https://w3id.org/geosrs/projection/Eckert6Projection
Super-classes	Eckert6Projection

# 11.77. Class: geosrs:EisenlohrProjection

### **Table 160** — geosrs:EisenlohrProjection

URI	https://w3id.org/geosrs/projection/EisenlohrProjection
Super-classes	<u>EisenlohrProjection</u>

# 11.78. Class: geosrs:EqualAreaProjection

### **Table 161** — geosrs:EqualAreaProjection

URI	https://w3id.org/geosrs/projection/EqualAreaProjection

# 11.79. Class: geosrs: Equal Earth Projection

### **Table 162** — geosrs:EqualEarthProjection

URI	https://w3id.org/geosrs/projection/EqualEarthProjection
Super-classes	EqualEarthProjection

# 11.80. Class: geosrs: Equally Spaced Parallels Projection

### **Table 163** — geosrs:EquallySpacedParallelsProjection

LIDI	https://w3id.org/geosrs/projection/
URI	<u>EquallySpacedParallelsProjection</u>

# 11.81. Class: geosrs:EquidistantConicProjection

Table 164 - geosrs: Equidistant Conic Projection

URI	https://w3id.org/geosrs/projection/ EquidistantConicProjection
Super-classes	<u>EquidistantConicProjection</u>

# 11.82. Class: geosrs: Equidistant Cylindrical Projection

**Table 165** — geosrs:EquidistantCylindricalProjection

URI	https://w3id.org/geosrs/projection/ EquidistantCylindricalProjection
Super-classes	<u>EquidistantCylindricalProjection</u>

# 11.83. Class: geosrs:EquidistantProjection

**Table 166** — geosrs:EquidistantProjection

LIDI	
URI	https://w3id.org/geosrs/projection/EquidistantProjection

# 11.84. Class: geosrs: Equirectangular Projection

**Table 167** — geosrs:EquirectangularProjection

URI	https://w3id.org/geosrs/projection/ EquirectangularProjection
Super-classes	<u>EquirectangularProjection</u>

### 11.85. Class: geosrs:FaheyProjection

### **Table 168** — geosrs:FaheyProjection

URI	https://w3id.org/geosrs/projection/FaheyProjection
Super-classes	<u>FaheyProjection</u>

# 11.86. Class: geosrs:FairgrieveProjection

### **Table 169** — geosrs:FairgrieveProjection

URI	https://w3id.org/geosrs/projection/FairgrieveProjection
Super-classes	<u>FairgrieveProjection</u>

# 11.87. Class: geosrs:FoucautProjection

### **Table 170** — geosrs:FoucautProjection

URI	https://w3id.org/geosrs/projection/FoucautProjection
Super-classes	<u>FoucautProjection</u>

# 11.88. Class: geosrs:FoucautSinusoidalProjection

### **Table 171** — geosrs:FoucautSinusoidalProjection

URI	https://w3id.org/geosrs/projection/
	<u>FoucautSinusoidalProjection</u>

# 11.89. Class: geosrs:FournierGlobularIProjection

### **Table 172** — geosrs:FournierGlobularlProjection

URI	https://w3id.org/geosrs/projection/ FournierGlobularlProjection
Super-classes	<u>FournierGlobularlProjection</u>

# 11.90. Class: geosrs:FournierIIProjection

#### **Table 173** — geosrs:FournierIIProjection

URI	https://w3id.org/geosrs/projection/FournierIIProjection
Super-classes	<u>FournierIIProjection</u>

# 11.91. Class: geosrs:FranculalIIProjection

### **Table 174** — geosrs:FranculalIIProjection

URI	https://w3id.org/geosrs/projection/FranculalIIProjection
Super-classes	<u>FranculalIIProjection</u>

# 11.92. Class: geosrs:FranculalVProjection

### **Table 175** — geosrs:FranculalVProjection

URI	https://w3id.org/geosrs/projection/FranculalVProjection
Super-classes	<u>FranculalVProjection</u>

# 11.93. Class: geosrs:FranculalXProjection

**Table 176** — geosrs:FranculalXProjection

URI	https://w3id.org/geosrs/projection/FranculalXProjection
Super-classes	FranculalXProjection

# 11.94. Class: geosrs:FranculaVIIIProjection

**Table 177** — geosrs:FranculaVIIIProjection

URI	https://w3id.org/geosrs/projection/ FranculaVIIIProjection
Super-classes	<u>FranculaVIIIProjection</u>

# 11.95. Class: geosrs:FranculaVProjection

**Table 178** — geosrs:FranculaVProjection

URI	https://w3id.org/geosrs/projection/FranculaVProjection
Super-classes	<u>FranculaVProjection</u>

### 11.96. Class: geosrs:FranculaXIIIProjection

### **Table 179** — geosrs:FranculaXIIIProjection

URI	https://w3id.org/geosrs/projection/ FranculaXIIIProjection
Super-classes	FranculaXIIIProjection

# 11.97. Class: geosrs:FranculaXIIProjection

### **Table 180** — geosrs:FranculaXIIProjection

URI	https://w3id.org/geosrs/projection/FranculaXIIProjection
Super-classes	<u>FranculaXIIProjection</u>

### 11.98. Class: geosrs:FranculaXIVProjection

### **Table 181** — geosrs:FranculaXIVProjection

URI	https://w3id.org/geosrs/projection/ FranculaXIVProjection
Super-classes	FranculaXIVProjection

# 11.99. Class: geosrs:GS50Projection

### **Table 182** — geosrs:GS50Projection

Super-classes <u>GS50Projection</u>

### 11.100. Class: geosrs:GallIsographicProjection

### **Table 183** — geosrs: GallIsographic Projection

URI	https://w3id.org/geosrs/projection/
ORI	<u>GallIsographicProjection</u>

# 11.101. Class: geosrs:GallPetersProjection

#### **Table 184** — geosrs:GallPetersProjection

URI	https://w3id.org/geosrs/projection/GallPetersProjection
Super-classes	<u>GallPetersProjection</u>

### 11.102. Class: geosrs:GallStereographicProjection

#### **Table 185** — geosrs:GallStereographicProjection

URI	https://w3id.org/geosrs/projection/ GallStereographicProjection
Super-classes	<u>GallStereographicProjection</u>

### 11.103. Class: geosrs:GaussKruegerProjection

**Table 186** — geosrs:GaussKruegerProjection

URI	https://w3id.org/geosrs/projection/ GaussKruegerProjection
Super-classes	<u>GaussKruegerProjection</u>

### 11.104. Class:

### geosrs:GeneralVerticalPerspectiveProjection

**Table 187** — geosrs:GeneralVerticalPerspectiveProjection

URI	https://w3id.org/geosrs/projection/ GeneralVerticalPerspectiveProjection
Super-classes	<u>GeneralVerticalPerspectiveProjection</u>

### 11.105. Class:

# geosrs:GilbertTwoWorldPerspectiveProjection

**Table 188** — geosrs:GilbertTwoWorldPerspectiveProjection

URI	https://w3id.org/geosrs/projection/ GilbertTwoWorldPerspectiveProjection
Super-classes	GilbertTwoWorldPerspectiveProjection

# 11.106. Class: geosrs:GingeryProjection

**Table 189** — geosrs:GingeryProjection

URI	https://w3id.org/geosrs/projection/GingeryProjection

### 11.107. Class: geosrs:GinzburgIIProjection

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### **Table 190** — geosrs:GinzburgIIProjection

URI	https://w3id.org/geosrs/projection/GinzburglIProjection
Super-classes	GinzburgIIProjection

# 11.108. Class: geosrs:GinzburglProjection

### **Table 191** — geosrs:GinzburgIProjection

URI	https://w3id.org/geosrs/projection/GinzburglProjection
Super-classes	GinzburglProjection

# 11.109. Class: geosrs:GinzburgIVProjection

### **Table 192** — geosrs:GinzburgIVProjection

URI	https://w3id.org/geosrs/projection/GinzburgIVProjection
Super-classes	<u>GinzburgIVProjection</u>

# 11.110. Class: geosrs:GinzburgIXProjection

### **Table 193** — geosrs:GinzburgIXProjection

URI	https://w3id.org/geosrs/projection/GinzburgIXProjection

### 11.111. Class: geosrs:GinzburgVIIIProjection

### **Table 194** — geosrs:GinzburgVIIIProjection

URI	https://w3id.org/geosrs/projection/ GinzburgVIIIProjection
Super-classes	GinzburgVIIIProjection

### 11.112. Class: geosrs:GinzburgVIProjection

### **Table 195** — geosrs:GinzburgVIProjection

URI	https://w3id.org/geosrs/projection/GinzburgVIProjection
Super-classes	GinzburgVIProjection

### 11.113. Class: geosrs:GinzburgVProjection

### **Table 196** — geosrs:GinzburgVProjection

URI	https://w3id.org/geosrs/projection/GinzburgVProjection
Super-classes	GinzburgVProjection

# 11.114. Class: geosrs:GlobularProjection

URI

https://w3id.org/geosrs/projection/GlobularProjection

# 11.115. Class: geosrs:GnomonicButterflyProjection

**Table 198** — geosrs:GnomonicButterflyProjection

URI	https://w3id.org/geosrs/projection/ GnomonicButterflyProjection
Super-classes	<u>GnomonicButterflyProjection</u>

### 11.116. Class: geosrs:GnomonicCubedSphereProjection

**Table 199** — geosrs:GnomonicCubedSphereProjection

URI	https://w3id.org/geosrs/projection/ GnomonicCubedSphereProjection
Super-classes	<u>GnomonicCubedSphereProjection</u>

### 11.117. Class: geosrs:GnomoniclcosahedronProjection

**Table 200** — geosrs:GnomoniclcosahedronProjection

URI	https://w3id.org/geosrs/projection/ GnomoniclcosahedronProjection
Super-classes	<u>GnomoniclcosahedronProjection</u>

### 11.118. Class: geosrs:GnomonicProjection

### **Table 201** — geosrs:GnomonicProjection

URI	https://w3id.org/geosrs/projection/GnomonicProjection
Super-classes	GnomonicProjection

### 11.119. Class: geosrs:GoodeHomolosineProjection

#### **Table 202** — geosrs:GoodeHomolosineProjection

URI	https://w3id.org/geosrs/projection/ GoodeHomolosineProjection
Super-classes	GoodeHomolosineProjection

### 11.120. Class: geosrs:GottWagnerProjection

### **Table 203** — geosrs:GottWagnerProjection

URI	https://w3id.org/geosrs/projection/ GottWagnerProjection
Super-classes	<u>GottWagnerProjection</u>

# 11.121. Class: geosrs:GringortenProjection

### **Table 204** — geosrs:GringortenProjection

### 11.122. Class: geosrs: Gringorten Quincuncial Projection

#### **Table 205** — geosrs:GringortenQuincuncialProjection

URI	https://w3id.org/geosrs/projection/
OKI	<u>GringortenQuincuncialProjection</u>

### 11.123. Class: geosrs:GuyouProjection

#### **Table 206** — geosrs:GuyouProjection

URI	https://w3id.org/geosrs/projection/GuyouProjection
Super-classes	GuyouProjection

### 11.124. Class: geosrs: HEALPixProjection

#### **Table 207** — geosrs:HEALPixProjection

URI	https://w3id.org/geosrs/projection/HEALPixProjection
Super-classes	<u>HEALPixProjection</u>

### 11.125. Class: geosrs: Hammer Projection

#### **Table 208** — geosrs:HammerProjection

URI	https://w3id.org/geosrs/projection/HammerProjection
Super-classes	<u>HammerProjection</u>

# 11.126. Class: geosrs: Hammer Retroazimuthal Projection

**Table 209** — geosrs:HammerRetroazimuthalProjection

URI	https://w3id.org/geosrs/projection/ HammerRetroazimuthalProjection
Super-classes	<u>HammerRetroazimuthalProjection</u>

## 11.127. Class: geosrs: Hamusoidal Projection

**Table 210** — geosrs:HamusoidalProjection

URI	https://w3id.org/geosrs/projection/ HamusoidalProjection
Super-classes	<u>HamusoidalProjection</u>

### 11.128. Class:

### geosrs:HatanoAsymmetricalEqualAreaProjection

**Table 211** — geosrs: Hatano Asymmetrical Equal Area Projection

URI	https://w3id.org/geosrs/projection/ HatanoAsymmetricalEqualAreaProjection
Super-classes	Hatano Asymmetrical Equal Area Projection

## 11.129. Class: geosrs:HerschelConformalConicProjection

#### **Table 212** — geosrs:HerschelConformalConicProjection

URI	https://w3id.org/geosrs/projection/ HerschelConformalConicProjection
Super-classes	<u>HerschelConformalConicProjection</u>

### 11.130. Class: geosrs:HillEucyclicProjection

**Table 213** — geosrs:HillEucyclicProjection

URI	https://w3id.org/geosrs/projection/HillEucyclicProjection
Super-classes	HillEucyclicProjection

### 11.131. Class: geosrs: HoboDyerProjection

**Table 214** — geosrs:HoboDyerProjection

URI	https://w3id.org/geosrs/projection/HoboDyerProjection
Super-classes	HoboDyerProjection

### 11.132. Class: geosrs: Hufnagel III Projection

**Table 215** — geosrs:HufnagelIIIProjection

URI	https://w3id.org/geosrs/projection/HufnagelIIIProjection

### 11.133. Class: geosrs: Hufnagel II Projection

#### **Table 216** — geosrs:HufnagelIIProjection

URI

https://w3id.org/geosrs/projection/HufnagelIIProjection

## 11.134. Class: geosrs: Hufnagell Projection

#### **Table 217** — geosrs:HufnagellProjection

URI

https://w3id.org/geosrs/projection/HufnagellProjection

### 11.135. Class: geosrs: Hufnagell V Projection

#### **Table 218** — geosrs:HufnagelIVProjection

URI

https://w3id.org/geosrs/projection/HufnagelIVProjection

### 11.136. Class: geosrs: Hufnagell XProjection

#### **Table 219** — geosrs:HufnagelIXProjection

URI

https://w3id.org/geosrs/projection/HufnagelIXProjection

### 11.137. Class: geosrs:HufnagelProjection

#### **Table 220** — geosrs:HufnagelProjection

URI	https://w3id.org/geosrs/projection/HufnagelProjection
Super-classes	<u>HufnagelProjection</u>

### 11.138. Class: geosrs:HufnagelVIIIProjection

#### **Table 221** — geosrs:HufnagelVIIIProjection

URI	https://w3id.org/geosrs/projection/
ORI	<u>HufnagelVIIIProjection</u>

# 11.139. Class: geosrs: Hufnagel VII Projection

#### **Table 222** — geosrs:HufnagelVIIProjection

URI	https://w3id.org/geosrs/projection/
ONI	<u>HufnagelVIIProjection</u>

# 11.140. Class: geosrs:HufnagelVIProjection

#### **Table 223** — geosrs:HufnagelVIProjection

URI	https://w3id.org/geosrs/projection/HufnagelVIProjection

### 11.141. Class: geosrs: Hufnagel VProjection

#### **Table 224** — geosrs:HufnagelVProjection

URI	https://w3id.org/geosrs/projection/HufnagelVProjection

### 11.142. Class: geosrs: Hufnagel XII Projection

#### **Table 225** — geosrs:HufnagelXIIProjection

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

### 11.143. Class: geosrs: Hufnagel XIProjection

#### **Table 226** — geosrs:HufnagelXIProjection

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

### 11.144. Class: geosrs: Hufnagel XProjection

#### **Table 227** — geosrs:HufnagelXProjection

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

## 11.145. Class: geosrs:lcosahedralProjection

#### **Table 228** — geosrs:lcosahedralProjection

URI	https://w3id.org/geosrs/projection/IcosahedralProjection
Super-classes	<u>IcosahedralProjection</u>

### 11.146. Class:

### geosrs:InterruptedGoodeHomolosineOceanicViewProjection

#### **Table 229** — geosrs:InterruptedGoodeHomolosineOceanicViewProjection

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

### 11.147. Class:

### geosrs:InterruptedGoodeHomolosineProjection

#### **Table 230** — geosrs:InterruptedGoodeHomolosineProjection

URI <a href="https://w3id.org/geosrs/projection/">https://w3id.org/geosrs/projection/</a>
<a href="mailto:lnterruptedGoodeHomolosineProjection">lnterruptedGoodeHomolosineProjection</a>

### 11.148. Class:

### geosrs:InterruptedQuarticAuthalicProjection

#### **Table 231** — geosrs:InterruptedQuarticAuthalicProjection

URI	https://w3id.org/geosrs/projection/ InterruptedQuarticAuthalicProjection
Super-classes	<u>InterruptedQuarticAuthalicProjection</u>

## 11.149. Class: geosrs: James Azimuthal Projection

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**Table 232** — geosrs:JamesAzimuthalProjection

URI	https://w3id.org/geosrs/projection/ JamesAzimuthalProjection
Super-classes	<u>James Azimuthal Projection</u>

# 11.150. Class: geosrs:KamenetskiylProjection

**Table 233** — geosrs:KamenetskiylProjection

URI	https://w3id.org/geosrs/projection/ KamenetskiylProjection
Super-classes	KamenetskiylProjection

## 11.151. Class: geosrs:KarchenkoShabanovaProjection

**Table 234** — geosrs:KarchenkoShabanovaProjection

URI	https://w3id.org/geosrs/projection/ KarchenkoShabanovaProjection
Super-classes	KarchenkoShabanovaProjection

# 11.152. Class: geosrs: Kavrayskiy 7 Projection

**Table 235** — geosrs:Kavrayskiy7Projection

URI	https://w3id.org/geosrs/projection/ Kavrayskiy7Projection
Super-classes	Kavrayskiy7Projection

## 11.153. Class: geosrs:KissProjection

#### **Table 236** — geosrs:KissProjection

URI	https://w3id.org/geosrs/projection/KissProjection
Super-classes	<u>KissProjection</u>

## 11.154. Class: geosrs:Krovak

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#### **Table 237** — geosrs:Krovak

URI	https://w3id.org/geosrs/projection/Krovak
Super-classes	Krovak

### 11.155. Class: geosrs:LaHireProjection

#### **Table 238** — geosrs:LaHireProjection

URI	https://w3id.org/geosrs/projection/LaHireProjection
Super-classes	<u>LaHireProjection</u>

### 11.156. Class: geosrs:LabordeProjection

#### **Table 239** — geosrs:LabordeProjection

URI	https://w3id.org/geosrs/projection/LabordeProjection

## 11.157. Class: geosrs:LagrangeProjection

#### **Table 240** — geosrs:LagrangeProjection

URI	https://w3id.org/geosrs/projection/LagrangeProjection
Super-classes	<u>LagrangeProjection</u>

### 11.158. Class: geosrs:LambertAzimuthalEqualArea

#### **Table 241** — geosrs:LambertAzimuthalEqualArea

URI	https://w3id.org/geosrs/projection/ LambertAzimuthalEqualArea
Super-classes	<u>LambertAzimuthalEqualArea</u>

# 11.159. Class: geosrs:LambertConformalConicProjection

**Table 242** — geosrs:LambertConformalConicProjection

URI	https://w3id.org/geosrs/projection/ LambertConformalConicProjection
Super-classes	<u>LambertConformalConicProjection</u>

### 11.160. Class:

### geosrs:LambertCylindricalEqualAreaProjection

#### **Table 243** — geosrs:LambertCylindricalEqualAreaProjection

URI	https://w3id.org/geosrs/projection/ LambertCylindricalEqualAreaProjection
Super-classes	<u>LambertCylindricalEqualAreaProjection</u>

# 11.161. Class: geosrs:LarriveeProjection

#### **Table 244** — geosrs:LarriveeProjection

URI	https://w3id.org/geosrs/projection/LarriveeProjection
Super-classes	<u>LarriveeProjection</u>

## 11.162. Class: geosrs:LaskowskiProjection

#### **Table 245** — geosrs:LaskowskiProjection

URI	https://w3id.org/geosrs/projection/LaskowskiProjection
Super-classes	LaskowskiProjection

### 11.163. Class: geosrs:LatLonProjection

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URI

https://w3id.org/geosrs/projection/LatLonProjection

### 11.164. Class: geosrs:LeeProjection

#### **Table 247** — geosrs:LeeProjection

URI	https://w3id.org/geosrs/projection/LeeProjection
Super-classes	<u>LeeProjection</u>

# 11.165. Class: geosrs:LenticularProjection

#### **Table 248** — geosrs:LenticularProjection

URI	https://w3id.org/geosrs/projection/LenticularProjection

# 11.166. Class: geosrs:LittrowProjection

#### **Table 249** — geosrs:LittrowProjection

URI	https://w3id.org/geosrs/projection/LittrowProjection
Super-classes	<u>LittrowProjection</u>

## 11.167. Class: geosrs:LonLatProjection

#### **Table 250** — geosrs:LonLatProjection

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https://w3id.org/geosrs/projection/LonLatProjection

### 11.168. Class: geosrs:LorgnaProjection

#### **Table 251** — geosrs:LorgnaProjection

URI	https://w3id.org/geosrs/projection/LorgnaProjection
Super-classes	<u>LorgnaProjection</u>

### 11.169. Class: geosrs:LowryProjection

#### **Table 252** — geosrs:LowryProjection

URI	https://w3id.org/geosrs/projection/LowryProjection
Super-classes	LowryProjection

## 11.170. Class: geosrs:LoximuthalProjection

#### **Table 253** — geosrs:LoximuthalProjection

URI	https://w3id.org/geosrs/projection/LoximuthalProjection
Super-classes	<u>LoximuthalProjection</u>

# 11.171. Class: geosrs:MaurerNo73Projection

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URI <a href="https://w3id.org/geosrs/projection/">https://w3id.org/geosrs/projection/</a>
<a href="mailto:MaurerNo73Projection">MaurerNo73Projection</a>

### 11.172. Class: geosrs: Mayr Projection

#### **Table 255** — geosrs:MayrProjection

URI	https://w3id.org/geosrs/projection/MayrProjection
Super-classes	<u>MayrProjection</u>

### 11.173. Class:

### geosrs:McBrydeThomasFlatPolarParabolicProjection

#### **Table 256** — geosrs:McBrydeThomasFlatPolarParabolicProjection

URI	https://w3id.org/geosrs/projection/ McBrydeThomasFlatPolarParabolicProjection
Super-classes	$\underline{McBrydeThomasFlatPolarParabolicProjection}$

### 11.174. Class:

# geosrs: McBryde Thomas Flat Polar Quartic Projection

#### **Table 257** — geosrs:McBrydeThomasFlatPolarQuarticProjection

URI	https://w3id.org/geosrs/projection/ McBrydeThomasFlatPolarQuarticProjection
Super-classes	<u>McBrydeThomasFlatPolarQuarticProjection</u>

### 11.175. Class:

### geosrs:McBrydeThomasFlatPolarSinusoidalProjection

#### **Table 258** — geosrs:McBrydeThomasFlatPolarSinusoidalProjection

URI	https://w3id.org/geosrs/projection/ McBrydeThomasFlatPolarSinusoidalProjection
Super-classes	$\underline{McBrydeThomasFlatPolarSinusoidalProjection}$

### 11.176. Class: geosrs:McBrydeThomasIIProjection

#### **Table 259** — geosrs:McBrydeThomasIIProjection

URI	https://w3id.org/geosrs/projection/ McBrydeThomasIIProjection
Super-classes	<u>McBrydeThomasIIProjection</u>

### 11.177. Class: geosrs:McBrydeThomasIProjection

#### **Table 260** — geosrs:McBrydeThomaslProjection

URI	https://w3id.org/geosrs/projection/ McBrydeThomaslProjection
Super-classes	<u>McBrydeThomasIProjection</u>

## 11.178. Class: geosrs: Mercator Projection

#### **Table 261** — geosrs:MercatorProjection

URI	https://w3id.org/geosrs/projection/MercatorProjection
Super-classes	MercatorProjection

### 11.179. Class:

## geosrs:MillerOblatedStereographicProjection

#### **Table 262** — geosrs:MillerOblatedStereographicProjection

URI	https://w3id.org/geosrs/projection/ MillerOblatedStereographicProjection
Super-classes	MillerOblatedStereographicProjection

### 11.180. Class: geosrs:MillerProjection

#### **Table 263** — geosrs:MillerProjection

URI	https://w3id.org/geosrs/projection/MillerProjection
Super-classes	<u>MillerProjection</u>

## 11.181. Class: geosrs: Minimum Error Projection

#### **Table 264** — geosrs:MinimumErrorProjection

URI	https://w3id.org/geosrs/projection/
OKI	<u>MinimumErrorProjection</u>

# 11.182. Class: geosrs: Mollweide Projection

**Table 265** — geosrs:MollweideProjection

URI	https://w3id.org/geosrs/projection/MollweideProjection
Super-classes	EqualAreaProjection PseudoCylindricalProjection

### 11.183. Class: geosrs:MurdochIIIProjection

**Table 266** — geosrs:MurdochIIIProjection

URI	https://w3id.org/geosrs/projection/MurdochIIIProjection
Super-classes	MurdochIIIProjection

### 11.184. Class: geosrs: Murdoch II Projection

**Table 267** — geosrs:MurdochIIProjection

URI	https://w3id.org/geosrs/projection/MurdochIIProjection
Super-classes	<u>MurdochIIProjection</u>

# 11.185. Class: geosrs:MurdochlProjection

**Table 268** — geosrs:MurdochlProjection

URI	https://w3id.org/geosrs/projection/MurdochlProjection

## 11.186. Class: geosrs: Myrahedal Projection

#### **Table 269** — geosrs:MyrahedalProjection

URI	https://w3id.org/geosrs/projection/MyrahedalProjection
Super-classes	<u>MyrahedalProjection</u>

## 11.187. Class: geosrs:NaturalEarth2Projection

#### **Table 270** — geosrs:NaturalEarth2Projection

URI	https://w3id.org/geosrs/projection/ NaturalEarth2Projection
Super-classes	NaturalEarth2Projection

# 11.188. Class: geosrs: Natural Earth Projection

#### **Table 271** — geosrs:NaturalEarthProjection

URI	https://w3id.org/geosrs/projection/ NaturalEarthProjection
Definition	A pseudocylindrical map projection designed by Tom Patterson and introduced in 2008
Super-classes	NaturalEarthProjection

# 11.189. Class: geosrs:NellHammerProjection

#### **Table 272** — geosrs:NellHammerProjection

URI	https://w3id.org/geosrs/projection/ NellHammerProjection
Super-classes	<u>NellHammerProjection</u>

## 11.190. Class: geosrs: Nell Projection

#### **Table 273** — geosrs:NellProjection

URI	https://w3id.org/geosrs/projection/NellProjection
Super-classes	NellProjection

### 11.191. Class: geosrs: Nicolosi Globular Projection

#### **Table 274** — geosrs:NicolosiGlobularProjection

URI	https://w3id.org/geosrs/projection/ NicolosiGlobularProjection
Super-classes	<u>NicolosiGlobularProjection</u>

## 11.192. Class: geosrs: Nordic Projection

#### **Table 275** — geosrs:NordicProjection

URI	https://w3id.org/geosrs/projection/NordicProjection
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### 11.193. Class:

### geosrs:ObliqueCylindricalEqualAreaProjection

#### **Table 276** — geosrs:ObliqueCylindricalEqualAreaProjection

URI	https://w3id.org/geosrs/projection/ ObliqueCylindricalEqualAreaProjection
Super-classes	<u>ObliqueCylindricalEqualAreaProjection</u>

### 11.194. Class: geosrs:ObliqueMercatorProjection

#### **Table 277** — geosrs:ObliqueMercatorProjection

URI	https://w3id.org/geosrs/projection/ ObliqueMercatorProjection
Super-classes	<u>ObliqueMercatorProjection</u>

### 11.195. Class: geosrs:ObliquePlateCarreeProjection

Table 278 - geosrs: Oblique Plate Carree Projection

URI	https://w3id.org/geosrs/projection/ ObliquePlateCarreeProjection
Super-classes	<u>ObliquePlateCarreeProjection</u>

### 11.196. Class: geosrs:ObliqueProjection

#### **Table 279** — geosrs:ObliqueProjection

URI

https://w3id.org/geosrs/projection/ObliqueProjection

## 11.197. Class: geosrs:ObliqueStereographicProjection

#### **Table 280** — geosrs:ObliqueStereographicProjection

URI	https://w3id.org/geosrs/projection/ ObliqueStereographicProjection
Super-classes	<u>ObliqueStereographicProjection</u>

## 11.198. Class: geosrs:OctantProjection

#### **Table 281** — geosrs:OctantProjection

URI	https://w3id.org/geosrs/projection/OctantProjection
Super-classes	<u>OctantProjection</u>

## 11.199. Class: geosrs:OrteliusOvalProjection

#### **Table 282** — geosrs:OrteliusOvalProjection

URI	https://w3id.org/geosrs/projection/ OrteliusOvalProjection
Super-classes	<u>OrteliusOvalProjection</u>

# 11.200. Class: geosrs:OrthographicProjection

#### **Table 283** — geosrs:OrthographicProjection

URI	https://w3id.org/geosrs/projection/ OrthographicProjection
Super-classes	<u>OrthographicProjection</u>

# 11.201. Class: geosrs:OvalProjection

#### **Table 284** — geosrs:OvalProjection

URI	https://w3id.org/geosrs/projection/OvalProjection

## 11.202. Class: geosrs:PattersonCylindricalProjection

#### **Table 285** — geosrs:PattersonCylindricalProjection

URI	https://w3id.org/geosrs/projection/ PattersonCylindricalProjection
Super-classes	PattersonCylindricalProjection

## 11.203. Class: geosrs:PavlovProjection

#### **Table 286** — geosrs:PavlovProjection

URI	https://w3id.org/geosrs/projection/PavlovProjection
Super-classes	<u>PavlovProjection</u>

## 11.204. Class: geosrs:PeirceQuincuncialProjection

#### **Table 287** — geosrs:PeirceQuincuncialProjection

URI	https://w3id.org/geosrs/projection/ PeirceQuincuncialProjection
Super-classes	<u>PeirceQuincuncialProjection</u>

### 11.205. Class: geosrs:PerspectiveConicProjection

#### **Table 288** — geosrs:PerspectiveConicProjection

URI	https://w3id.org/geosrs/projection/ PerspectiveConicProjection
Super-classes	<u>PerspectiveConicProjection</u>

### 11.206. Class: geosrs:PerspectiveProjection

#### **Table 289** — geosrs:PerspectiveProjection

URI	https://w3id.org/geosrs/projection/
ON	<u>PerspectiveProjection</u>

### 11.207. Class: geosrs:PetermannStarProjection

#### **Table 290** — geosrs:PetermannStarProjection

URI	https://w3id.org/geosrs/projection/ PetermannStarProjection
Super-classes	<u>PetermannStarProjection</u>

### 11.208. Class: geosrs:PlateCarreeProjection

#### **Table 291** — geosrs:PlateCarreeProjection

URI	https://w3id.org/geosrs/projection/ PlateCarreeProjection
Super-classes	<u>PlateCarreeProjection</u>

### 11.209. Class: geosrs:PoleLineProjection

#### **Table 292** — geosrs:PoleLineProjection

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

## 11.210. Class: geosrs:PolyconicProjection

#### **Table 293** — geosrs:PolyconicProjection

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

### 11.211. Class: geosrs:PolyhedralProjection

#### **Table 294** — geosrs:PolyhedralProjection

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

## 11.212. Class: geosrs:Projection

**Table 295** — geosrs:Projection

URI	https://w3id.org/geosrs/projection/Projection
Super-classes	Projection

### 11.213. Class: geosrs:PseudoAzimuthalProjection

**Table 296** — geosrs:PseudoAzimuthalProjection

URI	https://w3id.org/geosrs/projection/
OKI	<u>PseudoAzimuthalProjection</u>

## 11.214. Class: geosrs:PseudoConicalProjection

**Table 297** — geosrs:PseudoConicalProjection

URI	https://w3id.org/geosrs/projection/
	<u>PseudoConicalProjection</u>

# 11.215. Class: geosrs:PseudoCylindricalProjection

#### $\textbf{Table 298}- {\sf geosrs:PseudoCylindricalProjection}$

URI	https://w3id.org/geosrs/projection/
	<u>PseudoCylindricalProjection</u>

### 11.216. Class: geosrs:PseudoOrthographicProjection

#### **Table 299** — geosrs:PseudoOrthographicProjection

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

### 11.217. Class: geosrs:PtolemyllProjection

#### **Table 300** — geosrs:PtolemyIIProjection

URI	https://w3id.org/geosrs/projection/PtolemyllProjection
Super-classes	PtolemyllProjection

## 11.218. Class: geosrs:PtolemylProjection

#### **Table 301** — geosrs:PtolemylProjection

URI	https://w3id.org/geosrs/projection/PtolemylProjection
Super-classes	PtolemylProjection

## 11.219. Class: geosrs:PutninsP1Projection

#### **Table 302** — geosrs:PutninsP1Projection

URI	https://w3id.org/geosrs/projection/PutninsP1Projection
Super-classes	PutninsP1Projection

### 11.220. Class: geosrs:PutninsP2Projection

Table 303 — geosrs:PutninsP2Projection

URI	https://w3id.org/geosrs/projection/PutninsP2Projection
Super-classes	PutninsP2Projection

### 11.221. Class: geosrs:PutninsP3Projection

**Table 304** — geosrs:PutninsP3Projection

URI	https://w3id.org/geosrs/projection/PutninsP3Projection
Super-classes	PutninsP3Projection

### 11.222. Class: geosrs:PutninsP5Projection

**Table 305** — geosrs:PutninsP5Projection

URI	https://w3id.org/geosrs/projection/PutninsP5Projection
Super-classes	PutninsP5Projection

# 11.223. Class: geosrs:PutninsP6Projection

**Table 306** — geosrs:PutninsP6Projection

URI	https://w3id.org/geosrs/projection/PutninsP6Projection

### 11.224. Class:

### geosrs:QuadrilateralizedSphericalCubeProjection

#### **Table 307** — geosrs:QuadrilateralizedSphericalCubeProjection

URI	https://w3id.org/geosrs/projection/ QuadrilateralizedSphericalCubeProjection
Super-classes	QuadrilateralizedSphericalCubeProjection

### 11.225. Class: geosrs: Quartic Authalic Projection

#### **Table 308** — geosrs:QuarticAuthalicProjection

URI	https://w3id.org/geosrs/projection/ QuarticAuthalicProjection
Super-classes	<u>QuarticAuthalicProjection</u>

### 11.226. Class: geosrs:RectangularPolyconicProjection

#### **Table 309** — geosrs:RectangularPolyconicProjection

URI	https://w3id.org/geosrs/projection/ RectangularPolyconicProjection
Super-classes	RectangularPolyconicProjection

### 11.227. Class: geosrs:RetroazimuthalProjection

#### **Table 310** — geosrs:RetroazimuthalProjection

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

### 11.228. Class: geosrs:RobinsonProjection

#### **Table 311** — geosrs:RobinsonProjection

URI	https://w3id.org/geosrs/projection/RobinsonProjection
Super-classes	RobinsonProjection

# 11.229. Class: geosrs:RoussilheProjection

#### **Table 312** — geosrs:RoussilheProjection

URI	https://w3id.org/geosrs/projection/RoussilheProjection
Super-classes	RoussilheProjection

### 11.230. Class: geosrs:SchjerninglProjection

#### **Table 313** — geosrs:SchjerninglProjection

URI	https://w3id.org/geosrs/projection/SchjerninglProjection
Super-classes	<u>SchjerninglProjection</u>

## 11.231. Class: geosrs:SinusoidalProjection

#### **Table 314** — geosrs:SinusoidalProjection

URI	https://w3id.org/geosrs/projection/SinusoidalProjection
Super-classes	SinusoidalProjection

### 11.232. Class: geosrs:SmythEqualSurfaceProjection

**Table 315** — geosrs:SmythEqualSurfaceProjection

URI	https://w3id.org/geosrs/projection/ SmythEqualSurfaceProjection
Super-classes	<u>SmythEqualSurfaceProjection</u>

### 11.233. Class: geosrs:SpaceObliqueMercatorProjection

**Table 316** — geosrs:SpaceObliqueMercatorProjection

URI	https://w3id.org/geosrs/projection/
ORI	<u>SpaceObliqueMercatorProjection</u>

### 11.234. Class: geosrs:SpilhausOceanicProjection

**Table 317** — geosrs:SpilhausOceanicProjection

URI	https://w3id.org/geosrs/projection/ SpilhausOceanicProjection
Super-classes	<u>SpilhausOceanicProjection</u>

## 11.235. Class: geosrs:StabiusWernerIIIProjection

#### **Table 318** — geosrs:StabiusWernerIIIProjection

URI	https://w3id.org/geosrs/projection/ StabiusWernerIIIProjection
Super-classes	<u>StabiusWernerIIIProjection</u>

## 11.236. Class: geosrs:StabiusWernerIIProjection

#### **Table 319** — geosrs:StabiusWernerIIProjection

URI	https://w3id.org/geosrs/projection/ StabiusWernerIIProjection
Super-classes	<u>StabiusWernerIIProjection</u>

### 11.237. Class: geosrs:StabiusWernerIProjection

#### **Table 320** — geosrs:StabiusWernerlProjection

URI	https://w3id.org/geosrs/projection/ StabiusWernerlProjection
Super-classes	<u>StabiusWernerIProjection</u>

## 11.238. Class: geosrs:StereographicProjection

#### **Table 321** — geosrs:StereographicProjection

LIDI	https://w3id.org/geosrs/projection/
URI	StereographicProjection

### 11.239. Class: geosrs:Strebe1995Projection

#### **Table 322** — geosrs:Strebe1995Projection

URI	https://w3id.org/geosrs/projection/ Strebe1995Projection
Super-classes	Strebe1995Projection

### 11.240. Class: geosrs:TheTimesProjection

**Table 323** — geosrs:TheTimesProjection

URI	https://w3id.org/geosrs/projection/TheTimesProjection
Super-classes	<u>TheTimesProjection</u>

## 11.241. Class: geosrs:TiltedPerspectiveProjection

**Table 324** — geosrs:TiltedPerspectiveProjection

URI	https://w3id.org/geosrs/projection/ TiltedPerspectiveProjection
Super-classes	<u>TiltedPerspectiveProjection</u>

### 11.242. Class: geosrs:ToblerCylindricalIIProjection

**Table 325** — geosrs:ToblerCylindricalIIProjection

URI	https://w3id.org/geosrs/projection/ ToblerCylindricalIIProjection
Super-classes	<u>ToblerCylindricalIIProjection</u>

# 11.243. Class: geosrs:ToblerCylindricalIProjection

**Table 326** — geosrs:ToblerCylindricallProjection

URI	https://w3id.org/geosrs/projection/ ToblerCylindricallProjection
Super-classes	<u>ToblerCylindricallProjection</u>

### 11.244. Class: geosrs:ToblerG1Projection

**Table 327** — geosrs:ToblerG1Projection

URI	https://w3id.org/geosrs/projection/ToblerG1Projection
Super-classes	ToblerG1Projection

# 11.245. Class: geosrs:ToblerHyperellipticalProjection

**Table 328** — geosrs:ToblerHyperellipticalProjection

URI	https://w3id.org/geosrs/projection/ ToblerHyperellipticalProjection
Super-classes	<u>ToblerHyperellipticalProjection</u>

### 11.246. Class: geosrs:ToblerWorldInASquareProjection

#### **Table 329** — geosrs:ToblerWorldInASquareProjection

URI	https://w3id.org/geosrs/projection/ ToblerWorldInASquareProjection
Super-classes	<u>ToblerWorldInASquareProjection</u>

### 11.247. Class:

### geosrs:TransverseCylindricalEqualAreaProjection

**Table 330** — geosrs:TransverseCylindricalEqualAreaProjection

URI	https://w3id.org/geosrs/projection/ TransverseCylindricalEqualAreaProjection
Super-classes	<u>TransverseCylindricalEqualAreaProjection</u>

### 11.248. Class: geosrs:TransverseMercatorProjection

**Table 331** — geosrs:TransverseMercatorProjection

URI	https://w3id.org/geosrs/projection/ TransverseMercatorProjection
Super-classes	<u>TransverseMercatorProjection</u>

## 11.249. Class: geosrs:TrystanEdwardsProjection

**Table 332** — geosrs:TrystanEdwardsProjection

URI	https://w3id.org/geosrs/projection/ TrystanEdwardsProjection
Super-classes	<u>TrystanEdwardsProjection</u>

### 11.250. Class: geosrs:TwoPointEquidistantProjection

**Table 333** — geosrs:TwoPointEquidistantProjection

URI	https://w3id.org/geosrs/projection/ TwoPointEquidistantProjection
Super-classes	<u>TwoPointEquidistantProjection</u>

### 11.251. Class:

### geosrs:UniversalTransverseMercatorProjection

**Table 334** — geosrs:UniversalTransverseMercatorProjection

URI	https://w3id.org/geosrs/projection/
	<u>UniversalTransverseMercatorProjection</u>

### 11.252. Class: geosrs:UrmayevIIIProjection

**Table 335** — geosrs:UrmayevIIIProjection

URI	https://w3id.org/geosrs/projection/UrmayevIIIProjection
Super-classes	<u>UrmayevIIIProjection</u>

### 11.253. Class: geosrs: Van Der Grinten III Projection

#### **Table 336** — geosrs:VanDerGrintenIIIProjection

URI	https://w3id.org/geosrs/projection/ VanDerGrintenIIIProjection
Super-classes	VanDerGrintenIIIProjection

## 11.254. Class: geosrs: Van Der Grinten II Projection

#### **Table 337** — geosrs:VanDerGrintenIIProjection

URI	https://w3id.org/geosrs/projection/ VanDerGrintenIIProjection
Super-classes	<u>VanDerGrintenIIProjection</u>

### 11.255. Class: geosrs: Van Der Grinten I Projection

#### **Table 338** — geosrs:VanDerGrintenlProjection

URI	https://w3id.org/geosrs/projection/ VanDerGrintenlProjection
Super-classes	<u>VanDerGrintenIProjection</u>

# 11.256. Class: geosrs:VanDerGrintenIVProjection

#### **Table 339** — geosrs:VanDerGrintenIVProjection

	https://w3id.org/geosrs/projection/
URI	VanDerGrintenIVProjection
	<u> </u>

### 11.257. Class: geosrs: Vertical Perspective Projection

#### **Table 340** — geosrs:VerticalPerspectiveProjection

URI	https://w3id.org/geosrs/projection/ VerticalPerspectiveProjection
Super-classes	<u>VerticalPerspectiveProjection</u>

#### 11.258. Class: geosrs:VitkovskylProjection

#### **Table 341** — geosrs:VitkovskylProjection

URI	https://w3id.org/geosrs/projection/VitkovskylProjection
Super-classes	VitkovskylProjection

#### 11.259. Class: geosrs: Wagner III Projection

#### **Table 342** — geosrs:WagnerIIIProjection

URI	https://w3id.org/geosrs/projection/WagnerIIIProjection
Super-classes	WagnerIIIProjection

### 11.260. Class: geosrs: Wagner II Projection

#### Table 343 — geosrs: WagnerIIProjection

URI	https://w3id.org/geosrs/projection/WagnerllProjection
Super-classes	<u>WagnerIIProjection</u>

# 11.261. Class: geosrs: Wagner I Projection

#### **Table 344** — geosrs:WagnerlProjection

URI	https://w3id.org/geosrs/projection/WagnerlProjection
Super-classes	<u>WagnerIProjection</u>

# 11.262. Class: geosrs: Wagner IV Projection

#### **Table 345** — geosrs:WagnerIVProjection

URI	https://w3id.org/geosrs/projection/WagnerIVProjection
Super-classes	WagnerIVProjection

# 11.263. Class: geosrs: Wagner IXProjection

#### **Table 346** — geosrs:WagnerIXProjection

URI	https://w3id.org/geosrs/projection/WagnerIXProjection
Super-classes	<u>WagnerIXProjection</u>

# 11.264. Class: geosrs:WagnerVIIIProjection

**Table 347** — geosrs:WagnerVIIIProjection

URI	https://w3id.org/geosrs/projection/WagnerVIIIProjection
Super-classes	<u>WagnerVIIIProjection</u>

### 11.265. Class: geosrs: Wagner VII Projection

**Table 348** — geosrs:WagnerVIIProjection

URI	https://w3id.org/geosrs/projection/WagnerVIIProjection
Super-classes	<u>WagnerVIIProjection</u>

### 11.266. Class: geosrs: Wagner VIProjection

**Table 349** — geosrs:WagnerVIProjection

URI	https://w3id.org/geosrs/projection/WagnerVIProjection
Super-classes	<u>WagnerVIProjection</u>

# 11.267. Class: geosrs: Wagner VProjection

**Table 350** — geosrs:WagnerVProjection

URI	https://w3id.org/geosrs/projection/WagnerVProjection

#### 11.268. Class: geosrs: Waterman Butterfly Projection

#### **Table 351** — geosrs:WatermanButterflyProjection

URI	https://w3id.org/geosrs/projection/ WatermanButterflyProjection
Super-classes	<u>WatermanButterflyProjection</u>

#### 11.269. Class: geosrs: WebMercator Projection

#### **Table 352** — geosrs:WebMercatorProjection

URI	https://w3id.org/geosrs/projection/ WebMercatorProjection
Super-classes	<u>WebMercatorProjection</u>

# 11.270. Class: geosrs: Werenskiold I Projection

#### **Table 353** — geosrs:WerenskioldlProjection

URI	https://w3id.org/geosrs/projection/ WerenskioldIProjection
Super-classes	WerenskioldIProjection

### 11.271. Class: geosrs:WernerProjection

#### **Table 354** — geosrs:WernerProjection

URI	https://w3id.org/geosrs/projection/WernerProjection
Super-classes	WernerProjection

# 11.272. Class: geosrs:WiechelProjection

#### **Table 355** — geosrs:WiechelProjection

URI	https://w3id.org/geosrs/projection/WiechelProjection
Super-classes	WiechelProjection

# 11.273. Class: geosrs:WinkelIIProjection

#### **Table 356** — geosrs:WinkelIIProjection

URI	https://w3id.org/geosrs/projection/WinkelIIProjection
Super-classes	WinkellIProjection

# 11.274. Class: geosrs:WinkellProjection

#### **Table 357** — geosrs:WinkellProjection

URI	https://w3id.org/geosrs/projection/WinkellProjection
Super-classes	WinkellProjection

### 11.275. Class: geosrs:WinkelSnyderProjection

#### **Table 358** — geosrs:WinkelSnyderProjection

URI	https://w3id.org/geosrs/projection/ WinkelSnyderProjection
Super-classes	<u>WinkelSnyderProjection</u>

### 11.276. Class: geosrs:WinkelTripelProjection

#### **Table 359** — geosrs:WinkelTripelProjection

URI	https://w3id.org/geosrs/projection/ WinkelTripelProjection
Super-classes	WinkelTripelProjection

#### 11.277. Class: geosrs:PutninsP3'Projection

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

URI	https://w3id.org/geosrs/projection/PutninsP3'Projection
Super-classes	PutninsP3'Projection

# 11.278. Class: geosrs:PutninsP4'Projection

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

# 11.279. Class: geosrs:PutninsP5'Projection

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

URI	https://w3id.org/geosrs/projection/PutninsP5'Projection
Super-classes	PutninsP5'Projection

# 11.280. Class: geosrs:PutninsP6'Projection

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

URI	https://w3id.org/geosrs/projection/PutninsP6'Projection
Super-classes	PutninsP6'Projection

# 11.281. Class: geosrs:MollweideWagnerProjection

#### **Table 364** — geosrs:MollweideWagnerProjection

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



# PLANET MODULE

# 12 PLANET MODULE

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



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

### A.1. IGN Ontology

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

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
geosrs:CoordinateSystem	owl:equivalentClass	geosrs:CoordinateSystem	geosrs:Datum
owl:equivalentClass	geosrs:Datum	geosrs:Ellipsoid	owl:equivalentClass

# A.2. ISO19111 Ontology

**Table A.3** — Alignment: ISO19111 Ontology

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
geosrs:CoordinateSystem	owl:equivalentClass	geosrs:CoordinateSystem	geosrs:Datum
owl:equivalentClass	geosrs:Datum	geosrs:Ellipsoid	owl:equivalentClass

# A.3. IFC Ontology

**Table A.4** — Alignment: IFC Ontology

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
geosrs:CRS	owl:equivalentClass	geosrs:CRS	geosrs:CoordinateOperation
owl:equivalentClass	geosrs:CoordinateOperation	geosrs:AxisDirection	owl:equivalentClass
geosrs:AxisDirection	geosrs:ProjectedCRS	owl:equivalentClass	geosrs:ProjectedCRS
geosrs:axis	owl:equivalentProperty	geosrs:axis	geosrs:sourceCRS
owl:equivalentProperty	geosrs:sourceCRS	geosrs:targetCRS	owl:equivalentProperty



# ANNEX B (INFORMATIVE) SHACL SHAPES

# В

# ANNEX B (INFORMATIVE) SHACL SHAPES

Overview

Overview



# ANNEX C (INFORMATIVE) REVISION HISTORY

# C ANNEX C (INFORMATIVE) REVISION HISTORY

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



# BIBLIOGRAPHY

**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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