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## ABSTRACT

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## KEYWORDS

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

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## SECURITY CONSIDERATIONS

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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

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## VALIDITY OF CONTENT

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## FUTURE WORK

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# SCOPE

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# SCOPE

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2

# CONFORMANCE

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## CONFORMANCE

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3

# NORMATIVE REFERENCES

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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.

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4

# TERMS AND DEFINITIONS

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

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

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

## 4.1. example term

---

term used for exemplary purposes

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

Example      Here’s an example of an example term.

[SOURCE: ]



5

# CONVENTIONS

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

## 5.1. Identifiers

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The normative provisions in this standard are denoted by the URI

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

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

## 5.2. Other conventions

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<Place any other convention needed with its corresponding title>





6

# CORE

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# 6

## CORE

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

Requirements class 1: 06-core.adoc Extension	
IDENTIFIER	<code>/req/06-core.adoc</code>
TARGET TYPE	Implementation Specification
REQUIREMENT	<code>/req/CRSTypes</code>

Requirement 1: Requirement CRSTypes	
IDENTIFIER	<code>/req/CRSTypes</code>
STATEMENT	Requirement Text

### 6.1. Class: geosrs:BoundCRS

Table 1 — geosrs:BoundCRS

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

### 6.2. Class: geosrs:CompoundCRS

Table 2 — geosrs:CompoundCRS

URI	<a href="https://w3id.org/geosrs/srs/CompoundCRS">https://w3id.org/geosrs/srs/CompoundCRS</a>
-----	---

Definition	Coordinate reference system using at least two independent single coordinate reference systems. Cf. ISO 19111:2007:2007-07, parts 8.2.3.c, 8.2.4, table 6 and annex B.1.2.4.
Super-classes	<a href="#">CompoundCRS</a>

## 6.3. Class: geosrs:GeocentricCRS

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**Table 3** — geosrs:GeocentricCRS

URI	<a href="https://w3id.org/geosrs/srs/GeocentricCRS">https://w3id.org/geosrs/srs/GeocentricCRS</a>
Definition	A cartesian coordinate reference system that represents locations in the vicinity of the Earth (including its surface, interior, atmosphere, and surrounding outer space) as X, Y, and Z measurements from its center of mass. Commonly used to track the orbits of satellites.
Super-classes	<a href="#">GeocentricCRS</a>

## 6.4. Class: geosrs:ParametricCRS

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**Table 4** — geosrs:ParametricCRS

URI	<a href="https://w3id.org/geosrs/srs/ParametricCRS">https://w3id.org/geosrs/srs/ParametricCRS</a>
Definition	Coordinate Reference System based on a parametric datum
Super-classes	<a href="#">ParametricCRS</a>

## 6.5. Class: geosrs:SelenographicCRS

---

**Table 5** — geosrs:SelenographicCRS

URI	<a href="https://w3id.org/geosrs/srs/SelenographicCRS">https://w3id.org/geosrs/srs/SelenographicCRS</a>
Definition	Coordinate Reference System to refer locations on the surface of the Earth's Moon.
Super-classes	<a href="#">SelenographicCRS</a>

## 6.6. Class: geosrs:SpatioParametricCompoundCRS

---

**Table 6** — geosrs:SpatioParametricCompoundCRS

URI	<a href="https://w3id.org/geosrs/srs/SpatioParametricCompoundCRS">https://w3id.org/geosrs/srs/SpatioParametricCompoundCRS</a>
Definition	A spatio-parametric coordinate reference system is a compound CRS in which one component is a geographic 2D, projected 2D or engineering 2D CRS, supplemented by a parametric CRS to create a three-dimensional CRS
Super-classes	<a href="#">SpatioParametricCompoundCRS</a>

## 6.7. Class: geosrs:SpatioParametricTemporalCompoundCRS

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**Table 7** — geosrs:SpatioParametricTemporalCompoundCRS

URI	<a href="https://w3id.org/geosrs/srs/SpatioParametricTemporalCompoundCRS">https://w3id.org/geosrs/srs/SpatioParametricTemporalCompoundCRS</a>
Definition	Coordinate reference system combining a spatio-parametric reference system with at least one temporal reference system
Super-classes	<a href="#">SpatioParametricTemporalCompoundCRS</a>

## 6.8. Class: geosrs:SpatioTemporalCompoundCRS

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**Table 8** — geosrs:SpatioTemporalCompoundCRS

URI	<a href="https://w3id.org/geosrs/srs/SpatioTemporalCompoundCRS">https://w3id.org/geosrs/srs/SpatioTemporalCompoundCRS</a>
Definition	Coordinate reference system combining a spatial reference system with at least one temporal reference system
Super-classes	<a href="#">SpatioTemporalCompoundCRS</a>

## 6.9. Class: geosrs:StaticCRS

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**Table 9** — geosrs:StaticCRS

URI	<a href="https://w3id.org/geosrs/srs/StaticCRS">https://w3id.org/geosrs/srs/StaticCRS</a>
Definition	Coordinate Reference System that has a static reference frame
Super-classes	<a href="#">StaticCRS</a>

## 6.10. Class: geosrs:TemporalCRS

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**Table 10** — geosrs:TemporalCRS

URI	<a href="https://w3id.org/geosrs/srs/TemporalCRS">https://w3id.org/geosrs/srs/TemporalCRS</a>
Definition	Coordinate Reference System based on a temporal datum
Super-classes	<a href="#">TemporalCRS</a>

## 6.11. Class: geosrs:VerticalCRS

---

**Table 11** — geosrs:VerticalCRS

URI	<a href="https://w3id.org/geosrs/srs/VerticalCRS">https://w3id.org/geosrs/srs/VerticalCRS</a>
Definition	One-dimensional coordinate reference system associated with a vertical datum and used for recording heights or depths. Ellipsoidal heights are not captured in a vertical coordinate reference system but as part of a 3D coordinates tuple defined in a geodetic 3D coordinate reference system. Cf. ISO 19111:2007:2007-07, parts 8.2.2.b, table 14 and annex B.1.2.1.b.
Super-classes	<a href="#">VerticalCRS</a>



7

# COORDINATE OPERATION MODULE

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## COORDINATE OPERATION MODULE

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



8

# COORDINATE SYSTEM MODULE

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## 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`.

### Requirements class 2: 08-cs\_extension.adoc Extension

IDENTIFIER	<code>/req/08-cs_extension.adoc</code>
TARGET TYPE	Implementation Specification
	<code>/req/CSTypes</code>
REQUIREMENT	<code>/req/Orthogonal_Coordinate_Systems</code>
	<code>/req/Celestial_Coordinate_Systems</code>

### Requirement 2: Requirement CSTypes

IDENTIFIER	<code>/req/CSTypes</code>
STATEMENT	Requirement Text

## 8.1. Class: geosrs:1DCoordinateSystem

**Table 12** – geosrs:1DCoordinateSystem

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

## 8.2. Class: geosrs:3DCoordinateSystem

**Table 13** — geosrs:3DCoordinateSystem

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

## 8.3. Class: geosrs:AffineCoordinateSystem

**Table 14** — geosrs:AffineCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/AffineCoordinateSystem">https://w3id.org/geosrs/cs/AffineCoordinateSystem</a>
Definition	Coordinate system in Euclidean space with straight axes that are not necessarily mutually perpendicular
Super-classes	<a href="#">AffineCoordinateSystem</a>

## 8.4. Class: geosrs:BarycentricCoordinateSystem

**Table 15** — geosrs:BarycentricCoordinateSystem

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

## 8.5. Class: geosrs:CelestialCoordinateSystem

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**Table 16** — geosrs:CelestialCoordinateSystem

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

## 8.6. Class: geosrs:CurvilinearCoordinateSystem

---

**Table 17** — geosrs:CurvilinearCoordinateSystem

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

## 8.7. Class: geosrs:GeodeticCoordinateSystem

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**Table 18** — geosrs:GeodeticCoordinateSystem

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

## 8.8. Class: geosrs:GridCoordinateSystem

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**Table 19** — geosrs:GridCoordinateSystem

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

## 8.9. Class: geosrs:LocalCoordinateSystem

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**Table 20** — geosrs:LocalCoordinateSystem

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

## 8.10. Class: geosrs:ObliqueCoordinateSystem

---

**Table 21** — geosrs:ObliqueCoordinateSystem

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

# 8.11. Class: geosrs:PlanarCoordinateSystem

Table 22 — geosrs:PlanarCoordinateSystem

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

## Requirement 3: Requirement Orthogonal Coordinate Systems

IDENTIFIER	/req/Orthogonal_Coordinate_Systems
STATEMENT	Requirement Text

# 8.12. Class: geosrs:ConicalCoordinateSystem

Table 23 — geosrs:ConicalCoordinateSystem

URI	<a href="https://w3id.org/geosrs/cs/ConicalCoordinateSystem">https://w3id.org/geosrs/cs/ConicalCoordinateSystem</a>
Definition	A conical coordinate system is a three-dimensional orthogonal coordinate system consisting of concentric spheres (described by their radius r) and by two families of perpendicular cones, aligned along the z- and x-axes, respectively
Super-classes	<a href="#">ConicalCoordinateSystem</a>

## Requirement 4: Requirement Celestial Coordinate Systems

IDENTIFIER	/req/Celestial_Coordinate_Systems
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## Requirement 4: Requirement Celestial Coordinate Systems

### STATEMENT

Requirement Text

## 8.13. Class: geosrs:EclipticCoordinateSystem

**Table 24** — geosrs:EclipticCoordinateSystem

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

## 8.14. Class: geosrs:EquatorialCoordinateSystem

**Table 25** — geosrs:EquatorialCoordinateSystem

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

## 8.15. Class: geosrs:GalacticCoordinateSystem

**Table 26** — geosrs:GalacticCoordinateSystem

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

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

## 8.16. Class: geosrs:HorizontalCoordinateSystem

**Table 27** — geosrs:HorizontalCoordinateSystem

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

## 8.17. Class: geosrs:PerifocalCoordinateSystem

**Table 28** — geosrs:PerifocalCoordinateSystem

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

## 8.18. Class: geosrs:SuperGalacticCS

**Table 29** — geosrs:SuperGalacticCS

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

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.

#### Requirements class 3: 09-datum\_extension.adoc Extension

IDENTIFIER	/req/09-datum_extension.adoc
TARGET TYPE	Implementation Specification
REQUIREMENT	/req/DatumTypes

#### Requirement 5: Requirement DatumTypes

IDENTIFIER	/req/DatumTypes
STATEMENT	Requirement Text

## 9.1. Class: geosrs:DynamicGeodeticReferenceFrame

**Table 30** — geosrs:DynamicGeodeticReferenceFrame

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

## 9.2. Class: geosrs:DynamicVerticalDatum

**Table 31** — geosrs:DynamicVerticalDatum

URI	<a href="https://w3id.org/geosrs/datum/DynamicVerticalDatum">https://w3id.org/geosrs/datum/DynamicVerticalDatum</a>
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	<a href="#">DynamicVerticalDatum</a>

## 9.3. Class: geosrs:ParametricDatum

**Table 32** — geosrs:ParametricDatum

URI	<a href="https://w3id.org/geosrs/datum/ParametricDatum">https://w3id.org/geosrs/datum/ParametricDatum</a>
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	<a href="#">ParametricDatum</a>

## 9.4. Class: geosrs:EngineeringDatum

**Table 33** — geosrs:EngineeringDatum

URI	<a href="https://w3id.org/geosrs/datum/EngineeringDatum">https://w3id.org/geosrs/datum/EngineeringDatum</a>
Definition	Definition of the origin and orientation of an engineering coordinate reference systemNote: The origin can be fixed with respect to the Earth (such as a defined point at a

	construction site), or be a defined point on a moving vehicle (such as on a ship or satellite), or a defined point of an image. Cf. ISO 19111:2019 Geographic information — Referencing by coordinates.
Super-classes	<u>EngineeringDatum</u>

## 9.5. Class: geosrs:TemporalDatum

**Table 34** — geosrs:TemporalDatum

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

## 9.6. Class: geosrs:DatumEnsemble

**Table 35** — geosrs:DatumEnsemble

URI	<a href="https://w3id.org/geosrs/datum/DatumEnsemble">https://w3id.org/geosrs/datum/DatumEnsemble</a>
Definition	A collection of two or more datums (or if geodetic or vertical, a collection of two or more reference frames) that are realizations of one Conventional Reference System and which for all but the highest accuracy requirements may be considered to be insignificantly different from each other. Note: Within the datum ensemble every frame or datum is constrained to be a realization of the same reference system. Cf. ISO 19111:2019 Geographic information — Referencing by coordinates.

10

# SRS APPLICATION MODULE

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



11

# PROJECTIONS MODULE

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

#### Requirements class 4: 11-projections\_extension.adoc Extension

IDENTIFIER	<code>/req/11-projections_extension.adoc</code>
TARGET TYPE	Implementation Specification
REQUIREMENT	<code>/req/Lenticular_Projections</code>
	<code>/req/Conformal_Projections</code>
	<code>/req/Minimum_Error_Projections</code>
	<code>/req/Equal_Area_Projections</code>
	<code>/req/Compromise_Projections</code>
	<code>/req/Polyhedral_Projections</code>
	<code>/req/Equidistant_Projections</code>
	<code>/req/Conical_Projections</code>
	<code>/req/Cylindrical_Projections</code>
	<code>/req/Azimuthal_Projections</code>
	<code>/req/Polyconic_Projections</code>
	<code>/req/Stereographic_Projections</code>

#### Requirement 6: Requirement Lenticular Projections

IDENTIFIER	<code>/req/Lenticular_Projections</code>
STATEMENT	Requirement Text

## 11.1. Class: geosrs:A4Projection

---

**Table 36** — geosrs:A4Projection

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

## 11.2. Class: geosrs:BriesemeisterProjection

---

**Table 37** — geosrs:BriesemeisterProjection

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

## 11.3. Class: geosrs:CiricIProjection

---

**Table 38** — geosrs:CiricIProjection

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

## 11.4. Class: geosrs:CupolaProjection

---

**Table 39** — geosrs:CupolaProjection

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

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**Table 40** — geosrs:DedistortProjection

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

## 11.6. Class: geosrs:DietrichKitadaProjection

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**Table 41** — geosrs:DietrichKitadaProjection

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

## 11.7. Class: geosrs:FranculaIIIProjection

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**Table 42** — geosrs:FranculaIIIProjection

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

## 11.8. Class: geosrs:FranculaIVProjection

---

**Table 43** — geosrs:FraculaIVProjection

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

## 11.9. Class: geosrs:FraculaXProjection

---

**Table 44** — geosrs:FraculaXProjection

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

## 11.10. Class: geosrs:FraculaVIIIProjection

---

**Table 45** — geosrs:FraculaVIIIProjection

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

## 11.11. Class: geosrs:FraculaVProjection

---

**Table 46** — geosrs:FraculaVProjection

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

## 11.12. Class: geosrs:FraculaXIIIProjection

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**Table 47** — geosrs:FraculaXIIIProjection

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

## 11.13. Class: geosrs:FraculaXIIProjection

---

**Table 48** — geosrs:FraculaXIIProjection

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

## 11.14. Class: geosrs:FraculaXIVProjection

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**Table 49** — geosrs:FraculaXIVProjection

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

## 11.15. Class: geosrs:HamusoidalProjection

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**Table 50** — geosrs:HamusoidalProjection

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

**Table 51** — geosrs:KissProjection

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

Requirement 7: Requirement Conformal Projections	
IDENTIFIER	/req/Conformal_Projections
STATEMENT	Requirement Text

## 11.17. Class: geosrs:AdamsProjection

**Table 52** — geosrs:AdamsProjection

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

## 11.18. Class: geosrs:AdamsWorldInASquareIIProjection

**Table 53** — geosrs:AdamsWorldInASquareIIProjection

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



## 11.19. Class: geosrs:AdamsWorldInASquareProjection

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**Table 54** — geosrs:AdamsWorldInASquareProjection

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

## 11.20. Class: geosrs:AugustEpicycloidalProjection

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**Table 55** — geosrs:AugustEpicycloidalProjection

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

## 11.21. Class: geosrs:CoxConformalProjection

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**Table 56** — geosrs:CoxConformalProjection

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

## 11.22. Class: geosrs:EisenlohrProjection

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**Table 57** — geosrs:EisenlohrProjection

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

## 11.23. Class: geosrs:GS50Projection

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**Table 58** — geosrs:GS50Projection

URI	<a href="https://w3id.org/geosrs/projection/GS50Projection">https://w3id.org/geosrs/projection/GS50Projection</a>
Super-classes	<a href="#">GS50Projection</a>

## 11.24. Class: geosrs:PeirceQuincuncialProjection

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**Table 59** — geosrs:PeirceQuincuncialProjection

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

## 11.25. Class: geosrs:StereographicProjection

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**Table 60** — geosrs:StereographicProjection

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

## Requirement 8: Requirement Minimum Error Projections

IDENTIFIER	/req/Minimum_Error_Projections
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STATEMENT	Requirement Text
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## 11.26. Class: geosrs:AiryProjection

**Table 61** — geosrs:AiryProjection

URI	<a href="https://w3id.org/geosrs/projection/AiryProjection">https://w3id.org/geosrs/projection/AiryProjection</a>
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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
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Super-classes	<a href="#">AiryProjection</a>
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## Requirement 9: Requirement Equal Area Projections

IDENTIFIER	/req/Equal_Area_Projections
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STATEMENT	Requirement Text
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## 11.27. Class: geosrs:AlbersEqualAreaProjection

**Table 62** — geosrs:AlbersEqualAreaProjection

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

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**Table 63** — geosrs:AzimuthalEqualAreaProjection

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

## 11.29. Class: geosrs:CylindricalEqualArea

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**Table 64** — geosrs:CylindricalEqualArea

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

## 11.30. Class: geosrs:GallPetersProjection

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**Table 65** — geosrs:GallPetersProjection

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

## 11.31. Class: geosrs:HoboDyerProjection

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**Table 66** — geosrs:HoboDyerProjection

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

**Table 67** — geosrs:LambertAzimuthalEqualArea

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

## 11.33. Class: geosrs:TrystanEdwardsProjection

**Table 68** — geosrs:TrystanEdwardsProjection

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

## 11.34. Class: geosrs:WiechelProjection

**Table 69** — geosrs:WiechelProjection

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

### Requirement 10: Requirement Compromise Projections

IDENTIFIER	<a href="#">/req/Compromise_Projections</a>
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## Requirement 10: Requirement Compromise Projections

STATEMENT

Requirement Text

### 11.35. Class: geosrs:ArmadilloProjection

**Table 70** — geosrs:ArmadilloProjection

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

### 11.36. Class: geosrs:BakerDinomicProjection

**Table 71** — geosrs:BakerDinomicProjection

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

### 11.37. Class: geosrs:BertinProjection

**Table 72** — geosrs:BertinProjection

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

## 11.38. Class: geosrs:ChamberlinTrimetricProjection

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**Table 73** — geosrs:ChamberlinTrimetricProjection

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

## 11.39. Class: geosrs:DenoyerSemiEllipticalProjection

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**Table 74** — geosrs:DenoyerSemiEllipticalProjection

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

## 11.40. Class: geosrs:FairgrieveProjection

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**Table 75** — geosrs:FairgrieveProjection

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

## 11.41. Class: geosrs:LarriveeProjection

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**Table 76** — geosrs:LarriveeProjection

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

[LarriveeProjection](#)

## 11.42. Class: geosrs:PetermannStarProjection

**Table 77** — geosrs:PetermannStarProjection

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

## 11.43. Class: geosrs:SpilhausOceanicProjection

**Table 78** — geosrs:SpilhausOceanicProjection

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

## 11.44. Class: geosrs:VanDerGrintenIIIProjection

**Table 79** — geosrs:VanDerGrintenIIIProjection

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

## 11.45. Class: geosrs:WinkelIIIProjection



**Table 80** — geosrs:WinkelIIIProjection

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

## 11.46. Class: geosrs:WinkelIIIProjection

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**Table 81** — geosrs:WinkelIIIProjection

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

## 11.47. Class: geosrs:WinkelSnyderProjection

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**Table 82** — geosrs:WinkelSnyderProjection

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

### Requirement 11: Requirement Polyhedral Projections

IDENTIFIER	/req/Polyhedral_Projections
STATEMENT	Requirement Text

## 11.48. Class: geosrs:AuthaGraphProjection

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**Table 83** — geosrs:AuthaGraphProjection

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

## 11.49. Class: geosrs:CahillKeyesProjection

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**Table 84** — geosrs:CahillKeyesProjection

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

## 11.50. Class: geosrs:CollignonButterflyProjection

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**Table 85** — geosrs:CollignonButterflyProjection

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

## 11.51. Class: geosrs:DodecahedralProjection

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**Table 86** — geosrs:DodecahedralProjection

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

## 11.52. Class: geosrs:DymaxionProjection

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**Table 87** — geosrs:DymaxionProjection

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

## 11.53. Class: geosrs:GnomonicButterflyProjection

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**Table 88** — geosrs:GnomonicButterflyProjection

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

## 11.54. Class: geosrs:GnomonicCubedSphereProjection

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**Table 89** — geosrs:GnomonicCubedSphereProjection

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

## 11.55. Class: geosrs:GnomonicIcosahedronProjection

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**Table 90** — geosrs:GnomonicIcosahedronProjection

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

**Table 91** — geosrs:GuyouProjection

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

**Table 92** — geosrs:IcosahedralProjection

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

**Table 93** — geosrs:LeeProjection

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

**Table 94** — geosrs:MyrahedalProjection

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

## 11.60. Class: geosrs:OctantProjection

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**Table 95** — geosrs:OctantProjection

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

## 11.61. Class: geosrs:QuadrilateralizedSphericalCubeProjection

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**Table 96** — geosrs:QuadrilateralizedSphericalCubeProjection

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

## 11.62. Class: geosrs:WatermanButterflyProjection

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**Table 97** — geosrs:WatermanButterflyProjection

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

## Requirement 12: Requirement Equidistant Projections

IDENTIFIER	/req/Equidistant_Projections
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STATEMENT	Requirement Text
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### 11.63. Class: geosrs:AzimuthalEquidistantProjection

**Table 98** — geosrs:AzimuthalEquidistantProjection

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

### 11.64. Class: geosrs:BerghausStarProjection

**Table 99** — geosrs:BerghausStarProjection

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

### 11.65. Class: geosrs:CassiniProjection

**Table 100** — geosrs:CassiniProjection

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

## 11.66. Class: geosrs:EquidistantConicProjection

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**Table 101** — geosrs:EquidistantConicProjection

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

## 11.67. Class: geosrs:EquidistantCylindricalProjection

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**Table 102** — geosrs:EquidistantCylindricalProjection

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

## 11.68. Class: geosrs:EquirectangularProjection

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**Table 103** — geosrs:EquirectangularProjection

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

## 11.69. Class: geosrs:ObliquePlateCarreeProjection

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**Table 104** — geosrs:ObliquePlateCarreeProjection

URI	<a href="https://w3id.org/geosrs/projection/ObliquePlateCarreeProjection">https://w3id.org/geosrs/projection/ObliquePlateCarreeProjection</a>
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## 11.70. Class: geosrs:PlateCarreeProjection

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**Table 105** — geosrs:PlateCarreeProjection

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

## 11.71. Class: geosrs:TwoPointEquidistantProjection

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**Table 106** — geosrs:TwoPointEquidistantProjection

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

### Requirement 13: Requirement Conical Projections

IDENTIFIER	/req/Conical_Projections
STATEMENT	Requirement Text

## 11.72. Class: geosrs:BipolarObliqueConicConformalProjection

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**Table 107** — geosrs:BipolarObliqueConicConformalProjection

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

## 11.73. Class: geosrs:CentralConicProjection

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**Table 108** — geosrs:CentralConicProjection

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

## 11.74. Class: geosrs:HerschelConformalConicProjection

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**Table 109** — geosrs:HerschelConformalConicProjection

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

## 11.75. Class: geosrs:Krovak

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**Table 110** — geosrs:Krovak

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

## 11.76. Class: geosrs:LambertConformalConicProjection

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**Table 111** — geosrs:LambertConformalConicProjection

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

## 11.77. Class: geosrs:MurdochIIIProjection

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**Table 112** — geosrs:MurdochIIIProjection

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

## 11.78. Class: geosrs:MurdochIIProjection

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**Table 113** — geosrs:MurdochIIProjection

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

## 11.79. Class: geosrs:MurdochIProjection

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**Table 114** — geosrs:MurdochIProjection

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

**Table 115** — geosrs:SchjerningIProjection

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

## 11.81. Class: geosrs:VitkovskyIProjection

**Table 116** — geosrs:VitkovskyIProjection

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

Requirement 14: Requirement Cylindrical Projections	
IDENTIFIER	/req/Cylindrical_Projections
STATEMENT	Requirement Text

## 11.82. Class: geosrs:BraunPerspectiveProjection

**Table 117** — geosrs:BraunPerspectiveProjection

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

## 11.83. Class: geosrs:CompactMillerProjection

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**Table 118** — geosrs:CompactMillerProjection

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

## 11.84. Class: geosrs:CylindricalStereographicProjection

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**Table 119** — geosrs:CylindricalStereographicProjection

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

## 11.85. Class: geosrs:KarchenkoShabanovaProjection

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**Table 120** — geosrs:KarchenkoShabanovaProjection

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

## 11.86. Class: geosrs:LabordeProjection

---

**Table 121** — geosrs:LabordeProjection

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

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**Table 122** — geosrs:MercatorProjection

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

## 11.88. Class: geosrs:MillerProjection

---

**Table 123** — geosrs:MillerProjection

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

## 11.89. Class: geosrs:PattersonCylindricalProjection

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**Table 124** — geosrs:PattersonCylindricalProjection

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

## 11.90. Class: geosrs:PavlovProjection

---

**Table 125** — geosrs:PavlovProjection

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

## 11.91. Class: geosrs:ToblerCylindricalIIIProjection

---

**Table 126** — geosrs:ToblerCylindricalIIIProjection

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

## 11.92. Class: geosrs:ToblerCylindricalIIProjection

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**Table 127** — geosrs:ToblerCylindricalIIProjection

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

## 11.93. Class: geosrs:UrmayevIIIProjection

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**Table 128** — geosrs:UrmayevIIIProjection

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

## 11.94. Class: geosrs:WebMercatorProjection

**Table 129** — geosrs:WebMercatorProjection

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

### Requirement 15: Requirement Azimuthal Projections

IDENTIFIER	/req/Azimuthal_Projections
STATEMENT	Requirement Text

## 11.95. Class: geosrs:BreusingGeometricProjection

**Table 130** — geosrs:BreusingGeometricProjection

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

## 11.96. Class: geosrs:BreusingHarmonicProjection

**Table 131** — geosrs:BreusingHarmonicProjection

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

## 11.97. Class: geosrs:GinzburgIIProjection

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**Table 132** — geosrs:GinzburgIIProjection

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

## 11.98. Class: geosrs:GinzburgIProjection

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**Table 133** — geosrs:GinzburgIProjection

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

## 11.99. Class: geosrs:GnomonicProjection

---

**Table 134** — geosrs:GnomonicProjection

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

## 11.100. Class: geosrs:JamesAzimuthalProjection

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**Table 135** — geosrs:JamesAzimuthalProjection

URI	<a href="https://w3id.org/geosrs/projection/JamesAzimuthalProjection">https://w3id.org/geosrs/projection/JamesAzimuthalProjection</a>
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Super-classes	<a href="#">JamesAzimuthalProjection</a>
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Requirement 16: Requirement Polyconic Projections	
IDENTIFIER	/req/Polyconic_Projections
STATEMENT	Requirement Text

## 11.101. Class: geosrs:GinzburgIVProjection

**Table 136** — geosrs:GinzburgIVProjection

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

## 11.102. Class: geosrs:GinzburgIXProjection

**Table 137** — geosrs:GinzburgIXProjection

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

## 11.103. Class: geosrs:GinzburgVIProjection

**Table 138** — geosrs:GinzburgVIProjection

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

## 11.104. Class: geosrs:GinzburgVProjection

---

**Table 139** — geosrs:GinzburgVProjection

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

## 11.105. Class: geosrs:GottWagnerProjection

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**Table 140** — geosrs:GottWagnerProjection

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

## 11.106. Class: geosrs:HillEucyclicProjection

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**Table 141** — geosrs:HillEucyclicProjection

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

## 11.107. Class: geosrs:LagrangeProjection

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**Table 142** — geosrs:LagrangeProjection

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

Super-classes	<a href="#"><u>LagrangeProjection</u></a>
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## 11.108. Class: geosrs:LaskowskiProjection

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**Table 143** — geosrs:LaskowskiProjection

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

## 11.109. Class: geosrs:RectangularPolyconicProjection

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**Table 144** — geosrs:RectangularPolyconicProjection

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

## 11.110. Class: geosrs:StabiusWernerIIIProjection

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**Table 145** — geosrs:StabiusWernerIIIProjection

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

## 11.111. Class: geosrs:StabiusWernerIProjection

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**Table 146** — geosrs:StabiusWernerIProjection

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

## 11.112. Class: geosrs:VanDerGrintenIIProjection

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**Table 147** — geosrs:VanDerGrintenIIProjection

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

## 11.113. Class: geosrs:VanDerGrintenIProjection

---

**Table 148** — geosrs:VanDerGrintenIProjection

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

## 11.114. Class: geosrs:VanDerGrintenIVProjection

---

**Table 149** — geosrs:VanDerGrintenIVProjection

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

## 11.115. Class: geosrs:WagnerIXProjection

**Table 150** — geosrs:WagnerIXProjection

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

## 11.116. Class: geosrs:WagnerVIIIProjection

**Table 151** — geosrs:WagnerVIIIProjection

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

## 11.117. Class: geosrs:WagnerVIIProjection

**Table 152** — geosrs:WagnerVIIProjection

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

### Requirement 17: Requirement Stereographic Projections

IDENTIFIER	/req/Stereographic_Projections
STATEMENT	Requirement Text

# 11.118. Class: geosrs:MillerOblatedStereographicProjection

Table 153 — geosrs:MillerOblatedStereographicProjection

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

# 11.119. Class: geosrs:RoussilheProjection

Table 154 — geosrs:RoussilheProjection

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



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# PLANET MODULE

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





# ANNEX A (INFORMATIVE) ALIGNMENTS

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# ANNEX A (INFORMATIVE) ALIGNMENTS

## Overview

## Overview

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

**Table A.1** — Alignment: Namespaces

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

## A.1. IGN Ontology

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

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
<a href="#">geosrs:CoordinateSystem</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:CoordinateSystem</a>	-
<a href="#">geosrs:Datum</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:Datum</a>	-
<a href="#">geosrs:Ellipsoid</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:Ellipsoid</a>	-
<a href="#">geosrs:Conversion</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:Conversion</a>	-
<a href="#">geosrs:CoordinateOperation</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:CoordinateOperation</a>	-
<a href="#">geosrs:OperationMethod</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:OperationMethod</a>	-
<a href="#">geosrs:OperationParameter</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:OperationParameter</a>	-
<a href="#">geosrs:OperationParameterValue</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:OperationParameterValue</a>	-
<a href="#">geosrs:SingleOperation</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:SingleOperation</a>	-
<a href="#">geosrs:Transformation</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:Transformation</a>	-
<a href="#">geosrs:CartesianCoordinateSystem</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:CartesianCS</a>	-
<a href="#">geosrs:CoordinateSystem</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:CoordinateSystem</a>	-
<a href="#">geosrs:CoordinateSystemAxis</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:CoordinateSystemAxis</a>	-
<a href="#">geosrs:EllipsoidalCoordinateSystem</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:EllipsoidalCS</a>	-
<a href="#">geosrs:VerticalCoordinateSystem</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:VerticalCS</a>	-
<a href="#">geosrs:Datum</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:Datum</a>	-
<a href="#">geosrs:Ellipsoid</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:Ellipsoid</a>	-
<a href="#">geosrs:GeodeticDatum</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:GeodeticDatum</a>	-
<a href="#">geosrs:PrimeMeridian</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:PrimeMeridian</a>	-
<a href="#">geosrs:VerticalDatum</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:VerticalDatum</a>	-
<a href="#">geosrs:AxesList</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:AxesList</a>	-

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
<a href="#">geosrs:CRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:CRS</a>	-
<a href="#">geosrs:CompoundCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:CompoundCRS</a>	-
<a href="#">geosrs:Extent</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:Extent</a>	-
<a href="#">geosrs:GeodeticCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:GeodeticCRS</a>	-
<a href="#">geosrs:GeographicBoundingBox</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:GeographicBoundingBox</a>	-
<a href="#">geosrs:ProjectedCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:ProjectedCRS</a>	-
<a href="#">geosrs:SingleCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:SingleCRS</a>	-
<a href="#">geosrs:SingleCRSList</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:SingleCRSList</a>	-
<a href="#">geosrs:VerticalCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ign:VerticalCRS</a>	-

## A.2. ISO19111 Ontology

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

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
<a href="#">geosrs:CoordinateSystem</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:CoordinateSystem</a>	-
<a href="#">geosrs:Datum</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:Datum</a>	-
<a href="#">geosrs:Ellipsoid</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:Ellipsoid</a>	-
<a href="#">geosrs:CRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:CRS</a>	-
<a href="#">geosrs:CompoundCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:CompoundCRS</a>	-
<a href="#">geosrs:EngineeringCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:EngineeringCRS</a>	-
<a href="#">geosrs:GeodeticCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:GeodeticCRS</a>	-

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
<a href="#">geosrs:GeographicCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:GeographicCRS</a>	-
<a href="#">geosrs:ParametricCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:ParametricCRS</a>	-
<a href="#">geosrs:ProjectedCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:ProjectedCRS</a>	-
<a href="#">geosrs:SingleCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:SingleCRS</a>	-
<a href="#">geosrs:TemporalCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:TemporalCRS</a>	-
<a href="#">geosrs:VerticalCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">iso19111:VerticalCRS</a>	-

## A.3. IFC Ontology

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

FROM ELEMENT	MAPPING RELATION	TO ELEMENT	NOTES
<a href="#">geosrs:AxisDirection</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ifc:IfcDirection</a>	-
<a href="#">geosrs:CRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ifc:IfcCoordinateReferenceSystem</a>	-
<a href="#">geosrs:CoordinateOperation</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ifc:IfcCoordinateOperation</a>	-
<a href="#">geosrs:ProjectedCRS</a>	<a href="#">owl:equivalentClass</a>	<a href="#">ifc:IfcProjectedCRS</a>	-
<a href="#">geosrs:axis</a>	<a href="#">owl:equivalentProperty</a>	<a href="#">ifc:axis_IfcAxis1Placement</a>	-
<a href="#">geosrs:sourceCRS</a>	<a href="#">owl:equivalentProperty</a>	<a href="#">ifc:sourceCRS</a>	-
<a href="#">geosrs:targetCRS</a>	<a href="#">owl:equivalentProperty</a>	<a href="#">ifc:targetCRS</a>	-



# ANNEX B (INFORMATIVE) SHACL SHAPES

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## ANNEX B (INFORMATIVE) SHACL SHAPES

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Overview

### Overview

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# ANNEX C (INFORMATIVE) REVISION HISTORY

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## ANNEX C (INFORMATIVE) REVISION HISTORY

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



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## BIBLIOGRAPHY

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

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