



OpenSearch Geo and Time Extensions

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1) Overview

This OGC standard specifies the Geo and Time extensions to the OpenSearch query protocol. OpenSearch is a collection of simple formats for the sharing of search results.

The OpenSearch description document format can be used to describe a search engine so that it can be used by search client applications. The OpenSearch description format allows the use of extensions that allow search engines to request a specific and contextual query parameter from search clients.

The OpenSearch response elements can be used to extend existing syndication formats, such as RSS and Atom, with the extra metadata needed to return search results. Services that support the OpenSearch Specification, the Geo and Time extensions defined in this document are called OpenSearch GeoTemporal Services.

2) Downloads

Version	Document Title (click to download)	Document #	Type
1.0	OGC® OpenSearch Geo and Time Extensions	10-032r8	IS

[Submit a Change Request, Requirement, or Comment for this OGC standard.](#)

3) Official Schemas

<http://schemas.opengis.net/opensearchgeo/1.0/>

Note: You may also download [All Official OGC Schemas](#) in a single zip file.

4) Related News

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◦ GeoAPI

◦ GeoPackage

◦ GeoSparql

◦ Geography Markup Language

◦ Geospatial eXtensible Access Control Markup Language (GeoXACML)

◦ Geospatial User Feedback (GUF)

◦ IndoorGML

◦ KML

◦ LandInfra

◦ Location Services (OpenLS)

◦ Moving Features

◦ NetCDF

◦ Observations and Measurements

◦ Open GeoSMS

◦ OpenMI

◦ OpenSearch Geo

◦ Ordering Services Framework for Earth Observation Products

◦ OWS Context

◦ PubSub

◦ PUCK

◦ SWE Common Data Model

◦ SWE Service Model

◦ Sensor Model Language

◦ Sensor Observation Service

◦ Sensor Planning Service

◦ SensorThings

◦ Simple Features

◦ Simple Features CORBA

◦ Simple Features OLE/COM

◦ Simple Features SQL

◦ Styled Layer Descriptor

◦ Symbology Encoding

◦ Table Joining Service

◦ TimeseriesML (tsml)

◦ WaterML

◦ Web Coverage Processing Service

◦ Web Coverage Service

◦ Web Feature Service

◦ Web Map Context

- [Web Map Service](#)
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Upcoming Events

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- March '17 Technical and Planning Committee Meeting - Delft, The Netherlands
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