1	組 織 名 称 （ 略 称 ）	Open Geospatial Consortium (OGC) https://www.ogc.org/					
2	分　　　　　　　類	活動目的	◎	仕様策定	－	実装・検証	オープン	該当なし
			－	試験・認証	◎	普及・啓発	ソース	
			－	その他（　　　　　　　　　　　　）				
		対象技術分野	⑦情報技術（クラウド・プラットフォーム関連）		対象サービス		⑨複数サービスに該当	
	技　　術　　Ｍ　Ａ　Ｐ	活動エリア	③モバイル系、固定系の両方の領域を対象に活動実施		活動領域		該当なし	
3	目　　　　　　　　的	地理空間（位置）情報とサービスを平等に、検索可能、アクセス可能、相互運用可能、再利用可能にすることを目指している。						
4	組　　織　　構　　成	Board of Directors：18、Directors Emeritus：9 Committees：4 　Technical Committee(TC), Planning Committee(PC), OGC Architecture Board(OAB), Strategic Member Advisory Committee(SMAC)						

5	参　加　資　格 会　　　　　費	**OGC Membership FEES（Ex.年間売上が 1000 万ドル以上の日本の企業）**

Membership Level	Annual Cost
Principal Member	$60,000
Technical Committee Member	$12,000
Associate Member: Commercial / National Government Organization	$4,800

6	主　要　メ　ン　バ （2022年8月現在） （注1）	主要メンバー （Strategic）：9 members European Space Agency (ESA), GeoConnections - Natural Resources Canada, Ordnance Survey, United Kingdom Hydrographic Office （UKHO）、US Department of Homeland Security (DHS), US Geological Survey (USGS), US National Aeronautics and Space Administration (NASA), US National Geospatial-Intelligence Agency (NGA), US National Oceanic and Atmospheric Administration（NOAA） （Principal）：16 members Airbus Defence & Space, Amazon Web Services, Inc., Defence Science & Technology Laboratories（Dstl）, Department Agriculture, Land Reform and Rural Development(DALRRD), Department of Science and Technology, Esri, Feng Chia University, General Authority for Survey and Geospatial Information(GASGI), Google, Hexagon, Leidos, Maxar, Microsoft Corporation, Oracle USA, Trimble, Inc., US Army Geospatial Center, US Census Bureau 会員数：553 うち日系企業数：9（Hitachi, Ltd., Geospatial Information Authority of Japan(GSI)、Mitsubishi Electric Corporation、Office for Promotion of Regional Revitalization, Cabinet Office of Japan、Panasonic Corporation, Electric Works Company、TAKENAKA Corporation, National Institute of Advanced Industrial Science & Technology(AIST)）
7	他　団　体　・　組　織 と　　の　　関　　係	リエゾン機関：（OGC Alliance Partners） ISO Technical Committee 204、ISO Technical Committee 211 (ISO TC/211)、ISO IEC JTC 1/SC 24/WG 8、ISO/IEC JTC 1/WG 7、ISO/TC 59/SC 13、AGILE、buildingSMART International、CEN 287 - Geographic Information、DGIWG、Directions Media、EuroSDR、Foundation for Earth Science、Group on Earth Observations、GITA、GRSS、IEEE Technical Committee 9、iEMSs、IETF、International Hydrographic Organization、IJIS Institute、ISPRS、MISMO、NIBS、NCOIC、OMG、OGF、OSGEO、OSCRE、OMA、OASIS、SISO、SIBA、TDW

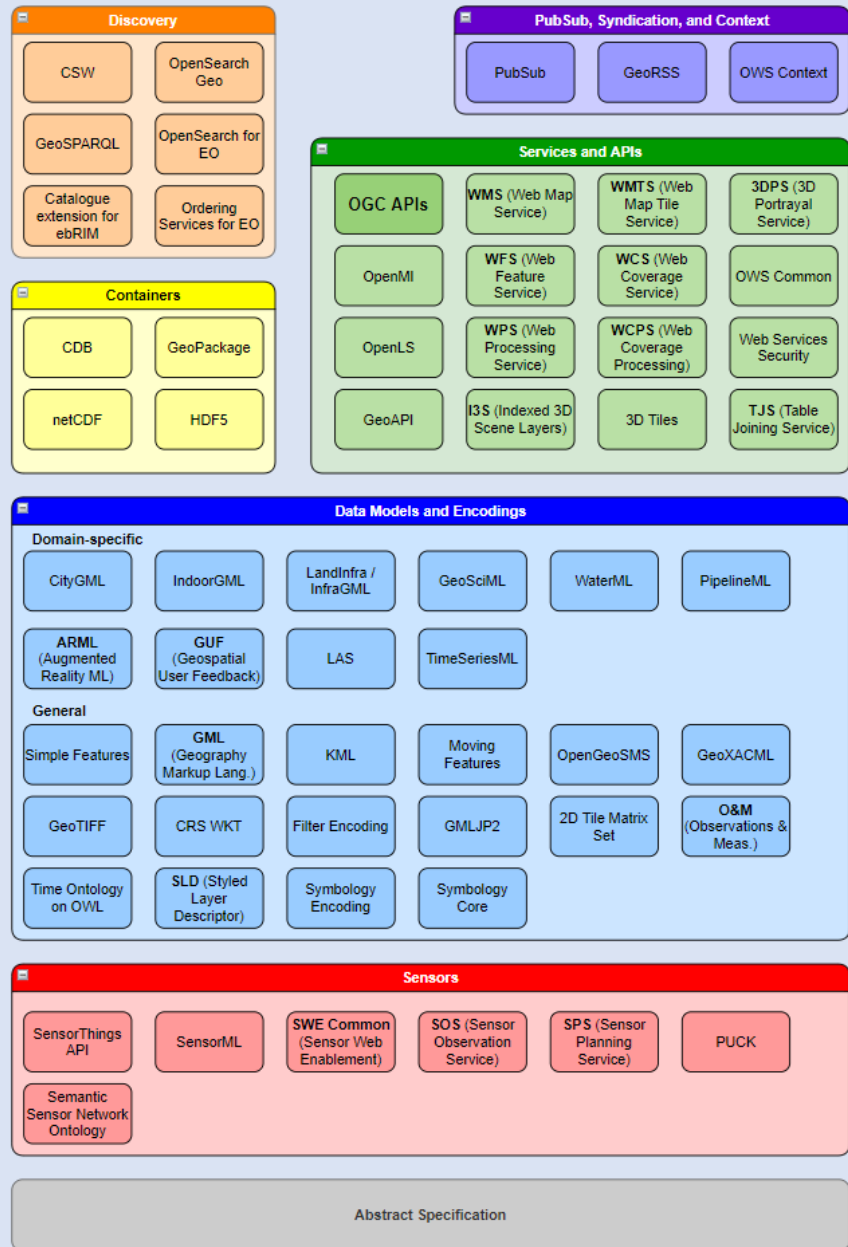|			
		G、UCAR/NCAR、USGIF、Web3D Consortium、WfMC、WMO、W3C, National States Geographic Information Council, Open AR Cloud Association, Organization for Advancement of Structured Information Standards (OASIS)	
8	ＴＴＣ活動との関連性 （注2）	TTCの専門委員会活動との関係（☒関係あり、□関係なし） 関係する場合の専門委員会名（右欄より選択） 理由：	②コネックテッド・カー ④IoT・スマートシティ ⑮IoTエリアネットワーク
9	活　動　状　況	（発行ドキュメント・ソフト、会合開催状況など） OGC Newsroom ・OGC Seeks Public Comment on v1.1 of 3D Tiles Community Standard Release Date: 24 August 2022 ・Public Comment Requested on revision to OGC 3D streaming community standard, I3S Release Date: 19 August 2022 ・OGC seeks public comment on Cloud Optimized GeoTIFF (COG) Standard Release Date: 18 August 2022 ・SensorThings API Standards Working Group proposes work on new Citizen Science extension; public comment sought on updated charter Release Date: 12 August 2022 ・OGC seeks public comment on CoverageJSON Community Standard Release Date: 11 August 2022 ・OGC Seeks Public Comment on adoption of new version of CityJSON as Community Standard Release Date: 10 August 2022 ・Ivan DeLoatch receives OGC Lifetime Achievement Award Release Date: 28 July 2022 ・OGC elects Dr. Zaffar Sadiq Mohamed-Ghouse to its Board of Directors Release Date: 27 July 2022 ・Developers invited to the 2022 Joint OGC & ISO/TC 211 Code Sprint: The Metadata Code Sprint Release Date: 26 July 2022 ・OGC Welcomes new Principal Member, the Saudi Arabia General Authority for Survey and Geospatial Information Release Date: 22 July 2022 ・OGC Calling For Participation in its Water Quality Interoperability Experiment Release Date: 20 July 2022 ・OGC joins new Metaverse Standards Forum as Founding Member Release Date: 11 July 2022 ・OGC seeking Public Comment on Deprecation of v1.0 of the Geographic Information - Well Known Text Representation of Coordinate Reference Systems Standard Release Date: 7 July 2022 ・OGC Compliance Certification Available for GeoRSS v1.0 Release Date: 1 July 2022 ・OGC invites developers to the Quansight Automated Data Science Developer Sprint Release Date: 28 June 2022 ・Developers Invited to the July 2022 OGC API Vector Data Code Sprint Release Date: 27 June 2022 ・OGC seeks Public Comment on charter for proposed Geo for Open Metaverse Domain Working Group Release Date: 8 June 2022 ・OGC and OSGeo, the Open Source Geospatial Foundation, sign new Memorandum of Understanding Release Date: 7 June 2022 ・OGC Seeking Sponsors for its next Pilot to improve Disaster Management and Response	

Release Date: 31 May 2022
・OGC Seeks Public Comment on Standard for Encoding Linked Data Graphs in netCDF Files
Release Date: 25 May 2022
・OGC Calls for Participation in Federated Marine Spatial Data Infrastructure Pilot 2022 (FMSDI-22)
Release Date: 24 May 2022
・OGC Seeking Public Comment on GeoPackage WKT for Coordinate Reference Systems Extension Candidate Standard
Release Date: 4 May 2022
・OGC Seeks Public Comment on the GeoPackage Conceptual Model Candidate Standard
Release Date: 27 April 2022
・OGC Seeks Public Comment on update to 3D Tiles Community Standard
Release Date: 25 April 2022
・Results of OGC's biggest Innovation Initiative in 2021, Testbed-17, are now available
Release Date: 22 April 2022
・Public Comment Requested on Draft Charter for new OGC Climate Resilience Domain Working Group
Release Date: 20 April 2022
・Developers Invited to the May 2022 OGC Space Partitions Code Sprint; Sponsorship Opportunities Available
Release Date: 8 April 2022
・OGC Seeks Public Comment on new Routing API and Exchange Model Standards
Release Date: 7 April 2022
・OGC seeks public comment on candidate OGC API - Tiles - Part 1: Core Standard
Release Date: 30 March 2022
・OGC CEO Dr. Nadine Alameh appointed to US National Geospatial Advisory Committee
Release Date: 29 March 2022
・Revised Guide to the Role of Standards in Geospatial Information Management unveiled as an online resource for the global community
Release Date: 9 February 2022
・OGC Calls for Participation in Testbed-18, its Annual Major Innovation Testbed; Funding Available for Participants
Release Date: 7 February 2022
・Developers are invited to the 2022 Joint OGC OSGeo ASF Code Sprint
Release Date: 2 February 2022
・OGC Publishes Best Practice for Earth Observation Application Packages
Release Date: 25 January 2022
・Call For Participation: OGC Geotech Interoperability Experiment
Release Date: 21 January 2022
・Prashant Shukle elected as Vice Chair of the OGC Board of Directors
Release Date: 18 January 2022
・OGC Membership approves the OGC API – Processes – Part 1: Core specification as official OGC Standard
Release Date: 6 January 2022
・OGC Membership approves new version of 3D streaming Community Standard, I3S
Release Date: 16 December 2021
・Chris Little receives OGC's 2021 Gardels Award
Release Date: 8 December 2021
・OGC Seeks Public Comment on OGC API - Common - Part 2: Geospatial Data
Release Date: 6 December 2021

| | | ・UKHO becomes Strategic Member of Open Geospatial Consortium
Release Date: 26 November 2021
・OGC Calling For Participation in the Federated Marine Spatial Data Infrastructure Pilot
Release Date: 24 November 2021
・OGC seeks public comment on revision to the OGC Two Dimensional Tile Matrix Set and Tile Set Metadata Standard
Release Date: 3 November 2021
・Call For Participation in the OGC Routing Pilot Sprint
Release Date: 2 November 2021
・Invitation to Participate in the November 2021 Geospatial API Virtual Code Sprint
Release Date: 29 October 2021
・Seeking Participants for the OGC UxS Command and Control Interoperability Experiment
Release Date: 29 October 2021
・Dstl upgrades to Principal level of OGC Membership
Release Date: 22 October 2021
・OGC and T-REX partner to bring Geospatial Innovation and Standards to St. Louis
Release Date: 18 October 2021
・Public Comment requested on new OGC GeoPose Candidate Standard, of use in 3D location applications
Release Date: 14 October 2021
・Compliance testing now available for 'OGC API - Features - Part 2' standard
Release Date: 7 October 2021
・OGC Membership approves the OGC API – Environmental Data Retrieval specification as official OGC Standard
Release Date: 22 September 2021
・OGC and the National States Geographic Information Council sign Memorandum of Understanding
Release Date: 20 September 2021
・OGC Membership approves the CityGML v3.0 Conceptual Model as official OGC Standard
Release Date: 14 September 2021
・Announcement: Invitation to Participate in the October 2021 OGC API Virtual Code Sprint
Release Date: 13 September 2021
・Sponsorship Opportunities for the OGC Climate Change Services 2022 Pilot
Release Date: 31 August 2021
・OGC Testbed-18 Call For Sponsors: Collaborate and Innovate to Further Advance Location Technologies
Release Date: 5 August 2021
・OGC announces support of the Locus Charter and the ethical use of Geospatial Information
Release Date: 28 July 2021
・OGC seeks public comment on draft Simple Features 2021 standard
Release Date: 27 July 2021
・OGC Seeking Sponsors for a new IDBE Pilot linking Geospatial and Building Information Models
Release Date: 22 July 2021
・New revision to OGC GeoPackage Gridded Tiled Coverage Extension: Public Comment sought
Release Date: 16 July 2021
・OGC invites Tenders for the Provision of Compliance Testing Software Engineering Consulting Services
Release Date: 15 July 2021 |

		・OGC to form new Planetary Domain Working Group; Public Comment sought on Draft Charter Release Date: 14 July 2021 ・OGC Compliance Certification Available for v1.0 of the OGC CDB Standard Release Date: 8 July 2021
10	設　立　時　期	1994 年
11	本　部　所　在　地	2300 Wilson Blvd. Ste 700 #1026, Arlington, VA 22201, USA
12	関 連 標 準 化 技 術	OGC Standards

| 15 | | Standards Architecture Diagram

Standards Architecture diagram describing the connection

Discovery: CSW, OpenSearch Geo, GeoSPARQL, OpenSearch for EO, Catalogue extension for ebRIM, Ordering Services for EO

PubSub, Syndication, and Context: PubSub, GeoRSS, OWS Context

Containers: CDB, GeoPackage, netCDF, HDF5

Services and APIs: OGC APIs, WMS (Web Map Service), WMTS (Web Map Tile Service), 3DPS (3D Portrayal Service), OpenMI, WFS (Web Feature Service), WCS (Web Coverage Service), OWS Common, OpenLS, WPS (Web Processing Service), WCPS (Web Coverage Processing), Web Services Security, GeoAPI, I3S (Indexed 3D Scene Layers), 3D Tiles, TJS (Table Joining Service)

Data Models and Encodings — Domain-specific: CityGML, IndoorGML, LandInfra / InfraGML, GeoSciML, WaterML, PipelineML, ARML (Augmented Reality ML), GUF (Geospatial User Feedback), LAS, TimeSeriesML — General: Simple Features, GML (Geography Markup Lang.), KML, Moving Features, OpenGeoSMS, GeoXACML, GeoTIFF, CRS WKT, Filter Encoding, GMLJP2, 2D Tile Matrix Set, O&M (Observations & Meas.), Time Ontology on OWL, SLD (Styled Layer Descriptor), Symbology Encoding, Symbology Core

Sensors: SensorThings API, SensorML, SWE Common (Sensor Web Enablement), SOS (Sensor Observation Service), SPS (Sensor Planning Service), PUCK, Semantic Sensor Network Ontology

Abstract Specification |

15		Standards Architecture Diagram
13	権　利　関　係 （ＩＰＲ　Ｐｏｌｉｃｙ， Ｂｙｌａｗｓなど）	IPR Policy 　https://www.ogc.org/about/ipr Bylaws https://www.ogc.org/ogc/policies
14	備　　　　　　　考 （普及状況など）	
15	更　新　履　歴	2020年7月 ｜ 調査開始 ｜ 担当：堀田（三菱電機） 2021年7月6日 ｜ 更新 ｜ 〃

		2022年8月31日	更新	〃

（注1）日系企業とは親会社が日本企業かどうかで判断する。
（注2）「TTC活動との関連性」とはTTCの専門委員会の活動と関連しているかを示す記載とし、理由には具体的な専門委員会名と関連している部分等を記載する。