

# Geospatial Trends for Earth Observation

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9 JUNE 2020

The world's leading and comprehensive community of experts making location information:



Findable



Accessible



Interoperable



Reusable





# What is OGC?

**A Global consortium** representing over 500 industry, government, research and academic member organizations:

**A hub for thought leadership and innovation** for all things related to location

**A neutral and trusted forum** for tackling interoperability issues within and across communities

**A consensus-based open standards organization** for location information



MAX - 34 - 685  
KL - IT - 3678 - 986

# OGC Technology Forecasting



# OGC Technology Trends overview





A satellite with large gold solar panels is shown in space, with the Earth's blue and white surface visible in the background. The satellite is oriented diagonally across the frame.

# The OGC New Space Workshop

May 13 - 14, 2020

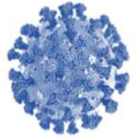











[ogc.org/webinars](https://ogc.org/webinars) | [#ogcnewspace](https://twitter.com/ogcnewspace)

# New Space Workshop

- Session 1: Technology in Space
  - Trends in Space Transport
  - New Sensor Phenomenologies
- Session 2: Data Curation and Processing
  - Big Data from Space
  - Analysis Ready Data
- Session 3: Geospatial Data Science
  - AI/Machine Learning
  - Visualization

MAXAR  
Rocket Lab  
HawkEye 360  
GHGSat  
Spire  
Xtreme GEO  
IEEE-GRSS  
AWS  
NGA  
Planet Labs  
Capella Space  
Hexagon  
Blacksky  
PCI Geomatics  
ORNL  
NASA  
ESRI  
Anno.ai  
Cesium  
In-Q-Tel  
Digital Earth

# Emergent Trend Clusters – June 2020

 <p>Responding to COVID-19</p>	 <p>Spatial Data on the Web</p>	 <p>New Space Exploitation</p>
 <p>Connected Autonomous Vehicles</p>	 <p>AI and Machine Learning</p>	 <p>Geo IT Ethics</p>
 <p>Cloud Native and Edge Computing</p>	 <p>Geospatial Data Science</p>	 <p>Immersive Geo: AR XR</p>
 <p>Urban Digital Twin</p>	 <p>API Management</p>	 <p>Model Interoperability</p>



# OGC

12 : 45 : 87  
FEB - 05 - 3254  
167 - 78 - 894

DATA A  
RT : IPR - 1 S  
GT : IJK - 56 K  
HU : CL4 - 1 D  
IT - IM - 0 B

A \_\_\_\_\_  
B \_\_\_\_\_  
C \_\_\_\_\_  
D \_\_\_\_\_

[ 5H ]  
24.67 - 87 A4

H - 11 - 784 - 8946  
X - 52 | Y - 14 | Z - 27  
48N 21E - - 31.53

3974

# Thank You!

## Community

- 500+ International Members
- 110+ Member Meetings
- 60+ Alliance and Liaison partners
- 50+ Standards Working Groups
- 45+ Domain Working Groups
- 25+ Years of Not for Profit Work
- 10+ Regional and Country Forums

## Innovation

- 120+ Innovation Initiatives
- 380+ Technical reports
- Quarterly Tech Trends monitoring

## Standards

- 65+ Adopted Standards
- 300+ products with 1000+ certified implementations
- 1,700,000+ Operational Data Sets Using OGC Standards

Contact [info@ogc.org](mailto:info@ogc.org) to schedule a meeting for an in-depth discussion with OGC staff and join our community today!

