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Blank GIS Crossword  
Joseph Kerski, PhD GISP Esri

**A GIS Crossword Puzzle: Clues**

Joseph Kerski, PhD GISP, Esri

**Across**

1	Mapping addresses, places, or lat-long from a table
2	A _____ API allows you to work with hosted published data services.
3	_____ theory underlies much of Boolean logic in GIS.
4	Saved project file extension in the ArcView 3.x days.
5	Removing interior boundaries from polygons.
6	A portal of a community that uses a free, open source distributed version control system designed to develop projects and share code.
7	A contour symbolized differently for ease of map interpretation.
8	Aero-Triangulation.
9	The final point in a line, or the last song on <i>Abbey Road</i> .
10	User Interface.
11	Spatial concept denoting something surrounded by something else.
12	Outcome mapping.
13	Acronym for bad data and its results.
14	Computer memory storage for running your GIS jobs.
15	A component of ArcGIS Enterprise; or, generically, an online location to obtain data.
16	A spatial term denoting features that overlay, or 'cross' each other.
17	A reference from which spatial measurements are made.
18	GIS services can be served as these endpoints.
19	GIS began running on this hardware in the early 1990s.

20	Short for "neural" ones of these, or your group of GIS colleagues, or "safety".
21	Think BIG distances—the distance from the Earth to the Sun.
22	Information Infrastructure.
23	Power ___ visualization software.
24	A type of data storage by cells, or pixels.
25	If ___ Else.
26	Determining ___ and fill is a task for 3D GIS tools, or Rod Stewart, "the first ___ is the deepest."
27	These are visible along the extreme edges of the data type in 24 Across.
28	A spatial term; ___ "and". Not just one of the features.
29	Software Development Kit.
30	A type of image format, often a geo-_____.
31	Organizational Assessment.
32	___ _____ Memory, for short.
33	Abbreviation for first state to start its own AmericaView imagery program.
34	Time you expect your fleet or field crew to return.
35	___ _____ Facilities Management; early term for infrastructure GIS.
36	Symbolizing 2D polygons by an attribute into a 3D scene.
37	Abbreviation for real time data acquisition.
38	Spatial term for something lying in something else, like what birds build.
39	Map Edge, or Monoscopic Extraction.
40	Type of thematic map in which areas are symbolized in proportion to a variable that represents a summary of a geographic characteristic within each area.

41	Standard file format for storing Lidar data.
42	Data Record.
43	Automated Attribute.
44	Data Acquisition.
45	A term for checking your data.
46	The temporal or spatial tendency; or inclination that your data variables are heading.
47	Knowledge Area.
48	Organizational Unit.
49	North-South, __ __.
50	Map the counties in this state and you will have 254 polygons!
51	Abbreviation of former journal that morphed into the journal xyHT.
52	Allows creating features that connect to each other.
53	Visualizing data in a 3D _____ is a powerful, beautiful thing.
54	Air base abbreviation on some maps.
55	Marks used for many years to register maps for digitizing.
56	This organization sets standards, including for mapping.
57	This diagram is for a vertical cross-section of a collection of surfaces.
58	Information Technology; often the department that administers a GIS license.
59	_____ Carto (conference); or _____ CAD.
60	Spatial or attribute; the degree or closeness to which the information on a map matches the values in the real world.
61	Less (than) or equal, in an expression.

62	A "_____ out" in some street databases indicating a segment that ends without intersecting another street.
63	A powerful and popular remote sensing technology that uses lasers.
64	_____ Facilities Management; early term for infrastructure GIS.
65	_____ GPS, a company that, among other things, allows a user to quickly record the geodata of multiple targets together with their photographs, from a distance.
66	The symbology, as termed in ArcGIS Online; how the map appears.
67	Health professional that would use GIS for ambulance routing.
68	Areas showing statistically significant difference.
69	Geo _____ company, makers of GIS admin tools, UAV tools, organization, and other tools.
70	Geographic _____ Information System, database of official geographic names in the USA.
71	37 watersheds that provide long-term measurements of streamflow and water quality in areas that are minimally affected by human activities and thus provide a "standard of measure".
72	The first letter in a GIS.
73	A reference point, or request for proposal.
74	The Association for Surveying and Mapping, but without the mapping.
75	The first seamless USA national elevation dataset.
76	One of the key tools for a GIS professional, containing some or all elements of TODALSIGS.
77	_____ finding, a fairly common street type, or _____back historical satellite imagery.

78	Originally a term to designate the line segment between two nodes; then ____ Info, ____ View, ____ Map, or now, ____ GIS.
79	The attribute ____ is the "I" part of GIS.
80	A satellite sensor is sensitive to different spectral ____ .
81	Time-Weighted.
82	GIS analyzes things below, ____, and above the Earth's surface.
83	File extension for a ArcGIS Pro project.
84	A loop or section of computer code in which an instruction or group of instructions is executed repeatedly.
85	The LocateXT tool geocodes loose, _____ data.
86	A type of GIS file commonly used to store elevation data.
87	First letters, in English, of the first two cardinal directions normally given in everyday speech.
88	A valid set of values or range for an attribute.
89	Software as a Service.
90	____ data that typically are characterized by volume, variety, veracity, and velocity.
91	Outside diameter, or a matrix that finds and measures the least-cost paths along the network from multiple origins to multiple end-points.
92	A baseline 3D mapped ecosystem of the ocean that has been classified through statistical clustering.
93	Great place for mapping one of its 10,000 lakes.
94	An abbreviation for crowdsourcing or citizen science, coined by Michael Goodchild.
95	Business Intelligence.
96	An ArcPad file format.

97	Data Base Format file extension.
98	Software ____ _____. A set of software tools and programs used by developers to create applications for specific platforms.
99	Addresses on a block can run from the from node to the ____ node.
100	Urban Planning; or, Yoo-Pers Homeland.
101	Color that is RGB 0,0,0.
102	You could map some very nice woodlands and coastlines in this US state, the only one with 1 syllable.
103	A ____ case; or, the best way to learn GIS is to ____ it!
104	Abbreviation for a set of data-driven algorithms and techniques that automate the prediction, classification, and clustering of data.
105	You might hold and use this device to activate a piece of field equipment or unlock a car.
106	Between east and northeast.
107	A more common name for UAS or UAV.
108	Information Systems, or International Standard.
109	Special Libraries, or the Stream Length Gradient Index.
110	Institute of Navigation.
111	People often map hurricanes, pythons, or perimeters of wetlands here.
112	A fundamental function of a GIS, harkening back to Ian McHarg's <i>Design with Nature</i> .
113	An Esri field mapping tool that allows for multiple field staffpersons and off-line data gathering.
114	Space and ____ are two phenomena of fundamental concern to GIS analysts.
115	The limit of a GIS polygon, or the farthest limit that a map shows.

116	On a diagram showing the nesting of Artificial Intelligence and Deep Learning, this one is in the middle, between AI and DL.
117	A suitable question for a GIS would be, "Which way could I route vehicles ___ China Grove?"
118	The most common two-letter road name abbreviation in the USA.
119	Earth Observations, or biogeographer Wilson's first name abbreviation.
120	The attribute table can be thought of as the ___ part of GIS (1 letter)
121	Abbreviation for one of the few cities where you could map below-sea-level contour lines.
122	Street _____ lines.
123	You can adjust the _____ speed for your drone; or, a 1989 song by the B-52s.
124	A coordinate system for nearly the whole world containing wedge-shaped zones, and in meters.
125	Greater Than, in an expression.
126	DEMs in which terrain data has been further enhanced with breaklines for greater accuracy; but also, a term used interchangeably with DEMs.
127	You can adjust the Dynamic _____ Adjustment on a raster layer for optimal display.
128	Abbreviation for _____ photoquad; before widespread UAV and satellite imagery; these were the main sources of imagery for the GIS community. Urbanized Area.
129	Urbanized Area.
130	A global association of cartographers.
131	Map projection created by a long-time professor at the University of Wisconsin as a compromise between an equal-area and a conformal projection.



132	In the Arcade scripting language, ____ UTC Converts the given date value from the client's local time to UTC time.
133	It is important to specify the ____ that you are collecting data in—meters, feet, cfs, m <sup>3</sup> /s, etc.
134	Land Ecosystem.
135	A subset of features in a feature class, or objects in a table, that share the same attributes; used as a method to categorize your data.
136	Great place to map caribou, glaciers, and the tallest mountain in North America.
137	A tool that narrows down the number of features to be examined, based on an attribute.
138	Great place to map karst in the south, glaciation in the north, Hoosiers, and the Wabash River.
139	Three letter abbreviation denoting the architecture, engineering, and construction sector.
140	Panes may be docked on opposite ____ s of the ArcGIS Pro window or one may be stacked on top of the other.
141	The Trace _____ tool helps determine where water where flow to from a specific point.
142	Field of geotechnology focused on using imagery to make decisions.
143	Cutting a line or polygon segment according to a specified geometry or attribute.
144	Geographic Coordinate System.
145	Not Applicable; North America.
146	Before enterprise GIS became widespread, GIS in an organization was often housed in a single _____.
147	The first record in a GIS database often is this row; or, according to Three Dog Night, the loneliest number.
148	A collection of features with the same type of geometry: point, line, polygon, or annotation.

149	A tool that creates a raster identifying all areas of internal drainage.
150	A system of algebraic notation used to represent logical propositions; highly useful in GIS work.
151	Verb denoting customizing a map, a tool, a GIS database, a data portal, or even a web page.
152	A set of 17 global goals with 169 targets from the UN.
153	Digital Assistant; Data Access.
154	An image format - Band Interleaved by Line, that was once very popular.
155	The creator of a map; the "A" in DOGSTAILS or TODALSIGS in cartography.
156	Short term for the top value in a string of numbers.
157	Environmental Assessment.
158	In a GIS, to make an exact copy of.
159	Local Area Network.
160	Automated Target Recognition.
161	_____ diagram; or direction water moves in a river or other network.
162	Boolean expression; about as common as "OR".
163	Function to add numbers together in a tabular field to arrive at a total.
164	Code that when scanned, produces an action, such as opening a URL.
165	Vector _____ format has over the past few years opened up exciting new possibilities for serving base maps and other data.
166	Less (than or) equal.
167	An _____ is a syntactic entity in a programming language that may be evaluated to determine its value.

168	Web-based tools such as ArcGIS Online and Business Analyst Web may be thought of as ____ tools.
169	One way to spell a widget in a dashboard that indicates the total number of records, or, an instrument that measures height and velocity of a river.
170	An early pioneering journal in GIS and remote sensing, the first two letters in Earth Observation Magazine.
171	One of the four characteristics of big data; or, the speed of a river's flow.
172	Architectural Engineering.
173	You could map all of the stalks in the Mitchell Corn Palace in this state.
174	The oblate spheroid that we are living on that GIS is a key tool in managing and sustaining.
175	_____ quarters are where multiple people live according to US Census data; or, an entity in ArcGIS Online to which members can belong to and contribute to.
176	Water Front; or Way Finding.
177	You could map the Niagara Escarpment here; where Roger Tomlinson worked.
178	____ T S, or Spatial Data Transfer Standard; an early standardized format for vector data.
179	Special Interest Group; such as transportation engineers, or Bikers Who Map.
180	Graphics Interchange Format; a type of image format.
181	Zip codes in California and other far western US states begin with this number.
182	The _____ projection tool sets the correct coordinate system for your existing data.
183	The raster _____ allows you to create and execute map algebra expressions on raster data.
184	Perspective _____ is one way to view imagery.

185	Synthetic Aperture Radar (imagery).
186	The Map _____ is a unique URL for a map or data layer; it also exists as an often-hidden field name in a geodatabase.
187	Maps tell you "where it's _____"!
188	The _____ statistics tool adds data for fields in a table.
189	An abbreviation for a line on a map connecting points having the same atmospheric pressure at a given time or on average over a given period.
190	In remote sensing, the abbreviation for _____ of view.
191	A commonly used file format for tabular data; often exported from an XLSX file.
192	Great state in which to map Cascade volcanoes and Crater Lake.
193	General directions in which something is developing or changing—something most GIS analysts are interested in.
194	This, in the ArcGIS ecosystem, includes creator, publisher, viewers, and field workers.
195	Triangulated Irregular Network.
196	Automated Highway System.
197	One abbreviation for drones.
198	A construct in statistics, not median or mode.
199	This can be set with rotation tools or with direction commands.
200	For example; Latin.
201	The missing letters in this block of code: arcpy._____culateField_management(inFeatures, fieldName1, "!SHAPE.CENTROID.X!", "PYTHON3").
202	The starting point for a coordinate system; or the beginning of a route in a network.
203	Common abbreviation for year in a data table.

204	An early, often-used, powerful ArcInfo programming language.
205	Another term for citizen science is _____ sourcing.
206	A change in direction in a route, line segment, or path of your UAV or field vehicle.
207	Grid North, often shown on topographic maps.
208	Digital Orthophotoquad.
209	You cannot edit a read-_____ database.
210	Quality Assurance.
211	Spell _____ became available in ArcGIS Pro 2.3.
212	Island, or blank values in a GIS data table (but not the same as zero!).
213	_____ Notebooks are now integrated in ArcGIS Pro and online.
214	Data from the Internet of Things (IoT) is often referred to as _____ from a device or service.
215	If your nodes do this, it is generally not a good thing!
257	State where you need to watch your step if you are mapping the Grand Canyon.
379	The last letter in GIS, indicating its multi-component platform nature.
383	____ Environment Programme (source of and user of GIS) (abbreviation).
385	Technology Applications.
388	____ Network (abbreviation); a way of visualizing 3D surfaces into a series of triangles.

**DOWN**

1	The science of accurately measuring and understanding three fundamental properties of the Earth: its geometric shape, its orientation in space, and its gravity field- as well as the changes of these properties with time.
3	Between east-southeast and south-southeast.

4	Term for the photo that gets added to a survey or to a point on a web map.
5	This format: 46.24675, -101.22898
8	Great state to hike and map Mount Magazine, its highest point.
16	International Maritime Organization; or, In My Opinion.
19	Photo revision; pattern recognition; public relations.
20	Tool that calculates distance and additional proximity information between the input features and the closest feature in another layer or feature class.
27	Visionary Esri founder Dangermond.
44	Data Acquisition.
45	Quality Control.
49	Earthquake epicenters, flood stage, traffic, and wildfire perimeters are examples of GIS data that is streamed in _____ (drop the first letter).
57	Feature Manipulation Engine.
59	The ___ and science of cartography.
63	Land Survey.
66	Abbreviation for common type of vector GIS dataset; pre-dates a gdb.
69	University of Kansas cartographer George, who devised the natural breaks classification. Rock Chalk!
74	The abbreviation for the old ArcEditor set of tools.
75	The process of dividing one numeric attribute value by another to minimize differences in values based on the size of areas or the number of features in each area.
77	Web Object Management.
80	An abbreviation for an early type of census tract equivalent in non-tracted counties while TIGER was being created by the US Census Bureau.
83	Artificial Intelligence.
88	Format for coordinates that is not DD or DMS.
89	An important concept in geography and GIS.

90	A proximity zone.
91	Open File.
116	Minimum Mapping Boundary.
118	In early days of geocoding, the spelling of this abbreviation caused some grief due to many variant spellings and punctuation; denotes holiness.
120	Integer data type.
122	To tally up the number of features or rows in a table.
125	Acronym for GPS, GLONASS, Galileo, and other similar systems.
130	Image Subsystem Interface.
137	Facilities Management.
138	Intelligent Infrastructure.
139	Abbreviation sometimes used for ArcGIS Online.
140	The cartographic aspects of choosing color, line width, shapes, and other objects in the GIS to promote clear communication.
141	Location format shown as 46 ° (degrees), 37', 22".
143	You might ___ an email to colleagues announcing your completed GIS project.
149	Normally where the Esri UC is held.
161	An international food and agricultural organization that produces and uses geospatial data.
175	A type of regression commonly used in GIS for analyzing patterns spatially.
176	A feature that is in most hydrography data sets: ___ lands.
180	A worldwide system that allows locations on the planet to be pinpointed, containing a user segment, a satellite segment, and a ground-control segment, built in the USA.
182	A type of flow analysis that models two-dimensional, vertically mixed, horizontal, and steady state flow, where head is independent of depth.
191	Compressed Aeronautical Chart.

195	Function for Tangent.
200	Electrical Engineers, who may use BIM and CAD drawings.
205	Column Aligned Text.
216	The third state beginning with M if the M states are sorted alphabetically.
217	The first two letters in a field emerging from design and CAD; focused on interior spaces: _____ Modeling.
218	If your first use of GIS was in the days of minicomputers and digitizing tablets, congratulations! You can safely be considered _____ but a lifelong learner!
219	Operating System.
220	A language ingestible by many GIS software sets, created by Keyhole, then Google.
221	Abbreviation for common type of vector GIS dataset that emerged around 2000.
222	A spatial _____ on earthquakes and country polygons would yield a map showing the number of earthquakes by country.
223	_____ - added; or, the specific information in a cell in a geodatabase table.
224	ArcGIS _____ is a cloud-based engagement platform that enables organizations to communicate more effectively.
225	_____ determined.
226	A tool that can be used to remove lines or points from the input features.
227	Abbreviation for a standardized data format for storing public transit routes, stops, and schedules.
228	_____ and max files are the lowest and highest values in a dataset.
229	Multimedia, cloud-based web mapping application that explains a problem, place, program, or issue, in wide use globally.
230	Agency that originally created the river reach files with stream flow information; later merged with USGS DLG data.
231	In set theory, not only but _____.
232	Early, widely-used vector data sets from USGS on transportation, hydrography, contours, and other themes, with major-minor attribute code pairs.



233	Second only to ST as the most widely used street suffix abbreviation in the USA.
234	Abbreviation for IBM's first graphics card and first color display card for the IBM PC.
235	Zone 1 in this coordinate system begins at 180 degrees West Longitude and stretches 6 degrees of longitude to the east.
236	Abbreviation for ArcMap map document.
237	_____ and bounds is a system for describing land, real property, or real estate.
238	Tobler says _____ things are more related than distant things, in his first law of geography.
239	To adjust the geometry of vector data in a GIS to make it "fit" a desired feature or outcome.
240	A process that attaches a known coordinate system to a scanned map or aerial image.
241	National Lands; or, The Netherlands.
242	A type of graph in which a circle is divided into sectors that each represent a proportion of the whole.
243	Handy tool in GIS software to "go back to where the map or document was before I did this."
244	An entity in a GIS vector model; it could be a point, line, or polygon.
245	A constant that is useful for computing the area and circumference of circles, as well as in many areas of design and engineering.
246	The button you press when you are done filling in the parameters of a GIS tool.
247	Shorthand for agricultural data.
248	The error code that was used in civilian GPS until the year 2000.
249	Data that describes the behavior of people in an area, such as a zip code or block group.
250	_____ the finish! Or, said the Beatles, "we are going, _____ the toppermost of the poppermost!"
251	A method of classifying a data range such as the same number of observations will fall into each class, or category.
252	Not Applicable.
253	The Internet of Things.
254	Augmented Reality.
255	Hydrography—rivers and lakes, could be considered a data _____.

256	An elevation that may be surveyed or interpolated on a topographic map and indicated by a point and an elevation reading.
257	Aero-Triangulation. Or, the country code for Austria.
258	Upper air; or user activity.
259	A university in the largest city in Texas, named for that city.
260	A mathematical construct for representing geographic objects or surfaces as data, and the process of spatial analyses that can be used on that data.
261	Operations Officer.
262	A web mapping application that provides a dynamic visualization of a phenomenon or issue, usually in real time and usually as a single or small number of screens, containing maps, charts, images, graphs, and other items.
263	The database used in early Esri software.
264	A versatile scripting language that is a part of the ArcGIS platform.
265	Good place where you could map "Fourteeners", ski areas, and the Mile High City.
266	Attributes in network analysis that are used to measure and model impedances, such as travel time or demand.
267	On a topographic map, text indicating Water Tank.
268	One of the essential questions besides "why" that a GIS analyst continually asks.
269	Land Survey.
270	A statement that is used in conditional analysis.
271	An oft-used function in a GIS, such as in ____ and replace; ____ routes; ____ features.
272	Government Unit; or, Guam.
273	Enhanced Thematic Mapper on Landsat.
274	From origin ____ destination.
275	Application Programming Interface.

276	Versatile, powerful coding language commonly used in GIS.
277	End Point.
278	A single straight line segment contains ___ nodes.
279	Tagged Image File Format.
280	A statement that is used in conditional analysis.
281	Space Oblique Mercator projection.
282	The first nationwide digital street database with address ranges, from and to nodes, and left and right side polygons.
283	Keeping track of these browser items in web-based mapping is one key to success.
284	The direction to which a slope faces.
285	An early GIS file format from Tape Address Register, denoting that the files originally came from magnetic tape.
286	A line connecting points of equal value.
287	Another word for parcels, efficiently managed within a GIS.
288	Lines Per Inch, an early measure of map output quality from a plotter.
289	In early GIS work, another word for an index field, which more quickly sorts tables.
290	You can get ___ while collecting data in a rainforest!
291	The opposite compass direction to SW.
292	One of the Earth's properties that could be distorted in a map projection.
293	After running this tool, which allows selected areas of a raster to be assigned the value of their nearest neighbor, the resulting raster could be said to be this.
294	___marizing points within a polygon counts the number of points that fall within the polygon.
295	The standard deviation of the residuals (prediction errors).
296	Laser Retroreflector.

297	The point representing the beginning or ending point of an edge, topologically linked to all the edges that meet there.
299	In Louisiana, France, and in other places, these land parcels were long and typically provided access to a river.
300	The amount of flow, such as in a river, or a highway, or an electric line, that can be measured.
301	In Boolean algebra, ____ indicates a list of possible choices.
302	A type of sketch map that can be quickly created as part of a story map.
303	A type of bin resulting from converting point-based data into a regular grid of polygons so that each polygon represents the aggregation of points that fall within it.
304	A function that automatically adjusts your active stretch type as you navigate around your image based on the pixel values in your current display.
305	An abbreviation for a type of font.
306	Structured Query Language.
307	Keystone state where you could map the Tunkhannock Viaduct, which at one time was the largest concrete structure in the world.
308	Risk Management.
309	If you are mapping airports, you know that this is the airport code for Kithira Island field in Greece.
310	The ability to make one layer or symbol partly visible so the data underneath are still visible.
311	Township and Range; or, the 2-digit code for the DLG transportation data.
312	A key part of metadata; cite your ____.
313	The number of habitable planets we know of, so far; hence, we need GIS to help manage and sustain it.
314	The shorter of two main types of dashes.
315	Official Use Only.
316	The vintage of a data set.
317	The theme of SSURGO data; one type is a podzol.
318	A type of GIS relationship; less often used than a join, but still powerful.

319	Digital Assistant.
320	To assess and measure a landscape, a parcel, or a construction site.
321	Absolute value, in an Arcade expression.
322	Synonym for web; or on a remote server.
323	Types of ____ maps include topographic, and Modern Antique.
324	Geometric Operations.
325	Land Use.
326	Geographic Information.
327	The institute from which you obtain a GISP.
328	Point, _____, and polygon vector data.
329	Survey123 and iNaturalist are a type of field data collection _____.
330	All Clear.
331	Ordnance Survey.
332	The final point in a line segment.
333	Hectares.
334	Conditional statement syntax.
335	Great place for mapping caves, the New Madrid Fault, and the Gateway Arch.
336	Less Than or Equal To.
337	Series of NASA-USGS satellites in use since the early 1970s.
338	Professional Geographer; or, ____ Monument.
339	At one time, many GIS analysts ran their processes on _____ Microsystems computers.
340	Geographic Information Officer.
341	Multinational Government Agency that sponsored the Sentinel satellites.

342	The characteristics of the data; or, a name for the data table in a geodatabase.
343	Spatial concept: Not over or under, but ___.
344	Internet country code for Italy.
345	Optimal ___ selection is a primary task for business GIS analysts; or, in geography, ___ vs situation.
346	Representative Fraction; scale.
347	Amount of memory on your device; or, an early McCartney album.
348	Western Union.
349	Not out.
350	Chief Technology Officer.
351	One of the things that uniquely identifies a field in a table.
352	Space-time _____ can help visualize data in 3D.
353	Metadata is sometimes too spartan, and rarely this.
354	A type of buffer; or, a closed path from which polygons are constructed.
355	This _____ for "seeing what others can't" first appeared in late 2019.
356	Small but great state for mapping Newport's mansions and Narragansett Bay.
357	In a table, you can do this in ascending or descending order.
358	Negative in the western hemisphere.
359	In mapping health, Influenza-Like-Illness.
360	Default sun position for most hillshades.
361	Setting that indicates the scales at which your data can be seen.
362	If you don't want to use default symbols in a GIS, you create your own ___ symbols.
363	Rows 2, 4, 6, 8...
364	Opposite of WSW.

365	During COVID times, abbreviation for "Mapping At Home."
366	Office of Information Technology.
367	A list of data layers, often to the left of the map.
368	Between east and northeast.
369	An attribute ____ enhances the editing experience and improves data integrity for geodatabase datasets.
370	Information Technology.
371	A type of document often used for GIS reports, from Adobe.
372	A type of fill pattern.
373	Housing Unit, in census or statistical language.
374	Referring to a data stream from an IoT device; live data ____.
375	The ArcGIS Pro Project tool changes the map projection, but ____ Projection establishes the existing map projection.
376	Architecture Engineering and Construction.
377	Standard deviational ____ is a tool that creates a map graphic that allows the user to understand how data is distributed spatially.
378	A field survey can be used to determine if people ____ or disagree with a statement.
380	Six map projections that are pseudocylindrical, the latitudes are parallel lines; in the odd-numbered projections, the latitudes are equally spaced, while their even-numbered counterparts are equal-area.
381	Object-Oriented; or, Object-Orientation.
382	An early popular file format and a software application used for file compression and decompression.
384	Great place to map piedmont and coastal landscapes, and Tar Heels.
386	__ __ Q C, in checking data and procedural quality.
387	Short for Total; or, Spud Nugget.

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