

# CARTOGRAPHIC RESOURCES – Links

## Cartographic Theory

Atlases	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Cartographic animation	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Cartographic generalisation	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Cartographic production	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Cartography	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
GeoInformation	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
LIDAR	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Location-based services	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Map design	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Mapping	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Map use and usability	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Mobile cartography	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
NeoCartography	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Open source geospatial technologies	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Planetary	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Spatial Sciences	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Ubiquitous cartography	<a href="https://scholar.google.com.au">scholar.google.com.au</a>
Visualization	<a href="https://scholar.google.com.au">scholar.google.com.au</a>

- How to Lie with Data [sys-con.com](https://sys-con.com)
- Geek Answers: Which map projection is ‘best?’ [geek.com](https://geek.com)
- 20 Minutes to Understanding Spatial Database [cubrid.org](https://cubrid.org)
- Geographic Information Systems [gis.stackexchange.com](https://gis.stackexchange.com)
- Manual shaded relief of the world [shadedrelief.com](https://shadedrelief.com)
- Cartographic Design Principles: Summary [ordnancesurvey.co.uk](https://ordnancesurvey.co.uk)
- Guided Notes on Latitude and Longitude [slideplayer.us](https://slideplayer.us)
- Get to Know a Projection: The Space-Oblique Mercator [wired.com](https://wired.com)
- A Lesson in Mapmaking for All You Globetrotters Out There [jaunted.com](https://jaunted.com)
- What is Cartography? [mappingsciences.org.au](https://mappingsciences.org.au)
- Understand Maps and Cartography [geography.about.com](https://geography.about.com)

## Cartographic Experience

- MapCarta [mapcarta.com](https://mapcarta.com)
- How Maps Change Things [books.google.com.au](https://books.google.com.au)
- Scribble Maps [scribblemaps.com](https://scribblemaps.com)

- CaGIS Map Design Competition - An Invitation to All Mapmakers [cartogis.org](http://cartogis.org)
- Reflections on Ten Years: Small Steps, Giant Leaps, and a Geographic Future [tandfonline.com](http://tandfonline.com)
- Design Explosions – Issue #1: Mapping on iOS [medium.com](http://medium.com)
- Swiss kartenportal [kartenportal.ch](http://kartenportal.ch)
- The GeoCommunity [geocomm.com](http://geocomm.com)
- One Mapping Service to Rule Them All [citylab.com](http://citylab.com)
- GIS for Crime Analysis, Law Enforcement, & Public Safety [ppc.americansentinel.edu](http://ppc.americansentinel.edu)
- Cartography publication [Maps-Ancient-Sea-Kings-Civilization](http://Maps-Ancient-Sea-Kings-Civilization)
- Geography and global order [thehindu.com](http://thehindu.com)

## Cartographic Software

- Cartography Software [cartography.oregonstate.edu](http://cartography.oregonstate.edu)
- Free Lightweight GIS for the Entire Organization [terragatech.com/](http://terragatech.com/)
- The Map Apps That Move You in the Right Direction [nytimes.com](http://nytimes.com)
- Create apps from maps [doc.arcgis.com](http://doc.arcgis.com)
- Line and Junction Connectivity [arcgis.com](http://arcgis.com)

## Cartographic Techniques

- Geo EDU Tip - Online Mapping for Beginners – The Map Academy from CartoDB [gisuser.com](http://gisuser.com)
- Make a Map Tour Story Map [esri.com](http://esri.com)
- Map communication model [en.wikipedia.org](http://en.wikipedia.org)
- Google Maps Mercator puzzle [gmaps-samples.googlecode.com](http://gmaps-samples.googlecode.com)
- Smart mapping with vector map tiles [video.esri.com](http://video.esri.com)
- Interactive and Multivariate Choropleth Maps with D3 [cartographicperspectives.org](http://cartographicperspectives.org)
- 3D Printing Topographic Maps from DEMs [andrewshears.com](http://andrewshears.com)
- How to make a value-by-alpha map [andywoodruff.com](http://andywoodruff.com)
- Relief shading [reliefshading](http://reliefshading)
- Terrain modelling [terrainmodels](http://terrainmodels)
- Be part of Openness in Geoeducation [osgeo.org/node/1494](http://osgeo.org/node/1494)
- Graph-tool [graph-tool.skewed.de](http://graph-tool.skewed.de)
- Create amazing maps with your data [cartodb.com](http://cartodb.com)
- Desktop GIS Transformed [esri.com](http://esri.com)
- Design your map [mapbox.com](http://mapbox.com)
- A Free and Open Source Geographic Information System [qgis.org](http://qgis.org)
- OpenGeo Suite [boundlessgeo.com](http://boundlessgeo.com)
- A high-performance, feature-packed ... for all your mapping needs. [openlayers.org](http://openlayers.org)
- Web Mercator [esri.com](http://esri.com)
- How to make a better map – Using Neuroscience [citylab.com](http://citylab.com)
- Cartography and Geographic Information Analysis [ensg.eu](http://ensg.eu)
- Toolbox [anzmaps.org](http://anzmaps.org)

## Cartographic Products

- World Atlas of natural Disaster Risk [springer.com](http://springer.com)
- Student project map from Bulgaria <http://www.cartography-gis.com/imagesbca/australia/index.html>
- Mapping the Antipodes: Australia in early maps [australiangeographic.com.au](http://australiangeographic.com.au)

- The Atlas of Living Australia [ga.gov.au](http://ga.gov.au)
- Imagining Space and Time in Kenneth Slessor's "Dutch Seacoast" and Joan Blaeu's Town Atlas of The Netherlands: Maps and Mapping in Kenneth Slessor's Poetic Sequence The Atlas, Part Three [cartographicperspectives.org](http://cartographicperspectives.org)
- Smart Maps [smartmaps.org](http://smartmaps.org)

## Cartography Courses

- Cartography & GIS Training Online [foss4geo.wordpress.com/](http://foss4geo.wordpress.com/)
- New Master of Science in CARTOGRAPHY [cartographymaster.eu](http://cartographymaster.eu)
- The International Course on Management and Applied Techniques in Cartography [iccartotechnology.com](http://iccartotechnology.com)
- GIS Tutorial for Atmospheric Sciences [gis.ucar.edu](http://gis.ucar.edu)
- Cartography Master's Degree Programs [learn.org](http://learn.org)
- Where can I get a Msc. in Cartography? [cartographymaster.eu/](http://cartographymaster.eu/)
- MSc in Geoinformation Technology and Cartography [educations.com](http://educations.com)
- Master of Science in Cartography and Geoinformation Science [rectas.org](http://rectas.org)
- University of Glasgow- Mapping out a career in Geospatial Technology [ndiaeducationdiary.in](http://ndiaeducationdiary.in)
- European schools to get cloud-based mapping software to improve geography and STEM teaching [computerworlduk.com](http://computerworlduk.com)
- Singapore Government Partners Students To Use Mapping Technology On Urban Challenges [futuregov.asia](http://futuregov.asia)
- Map School [mapschool.io](http://mapschool.io)
- Course Cursor - Mapping masters [timesofindia.indiatimes.com](http://timesofindia.indiatimes.com)

## Cartographic Viewpoint

- The Mapmaker's Conundrum [newyorker.com](http://newyorker.com)
- Geospatial careers: 12 things I've learned... so far [pulse/geospatial-careers](http://pulse/geospatial-careers)
- Can games create an education fit for the future? [bbc.com](http://bbc.com)
- Cartographers For Social Equality [youtube.com](http://youtube.com)

## Cartographic Curiosities

- What does Earth look like [youtube.com](http://youtube.com)
- How Many Countries Are There? [youtube.com](http://youtube.com)

## Cartographic Miscellanea

- Don't forget ethics when mapping uncharted slums [scidev.net](http://scidev.net)
- Mapping the world to 'make it a better place' [messagemedia.co](http://messagemedia.co)
- Map & GIS Library to Receive Esri Award [library.tamu.edu](http://library.tamu.edu)
- Henry's Map <http://www.davidelliott.org/henrys-map/>
- The Map Thief [twitter.com](http://twitter.com)
- Operational Landscapes: Towards an Alternative Cartography of World Urbanization [msd.unimelb.edu.au](http://msd.unimelb.edu.au)
- Earth observatory [earthobservatory.nasa.gov](http://earthobservatory.nasa.gov)
- A Cartography of the New Middle Classes in Developing and Emerging Countries [isn.ethz.ch](http://isn.ethz.ch)

- Story Map Journal [storymaps.arcgis.com](https://storymaps.arcgis.com)
- Urban Observatory [urbanobservatory.org](https://urbanobservatory.org)