

SUMMARY

- Cartographic visualization & design
- Geospatial analysis
- Data research & design

Primary Tools

- ArcGIS Pro
- ArcGIS Desktop
- Adobe Design Suite
- Natural Scene Designer
- PostGIS/PostGRES

EDUCATION

University of Wisconsin Madison, WI (in progress)
M.S. Cartography/GIS Emphasis

University of Georgia, Athens, GA – May 2005
B.A. Geography, Cartography/GIS Emphasis

Colorado Mesa University, Grand Junction, CO
Graphic Design, Anthropology

EMPLOYMENT

Cartographer/Associate Scientist III – University of Colorado/CIRES/NOAA
U.S. Extended Continental Shelf Project
December 2015 – Current Position

In my current position, I am responsible for developing cartographic products and illustrations in support of the U.S. Extended Continental Shelf documentation effort. My work involves working closely with a team of scientists, writers, and geospatial analysts in developing a wide range of printed and digital materials that depict the unique geographic properties of seven U.S. coastal and under-sea regions ranging from the Arctic and Bering Sea, the Atlantic Coast, the Gulf of Mexico, and west to the Pacific Coast and the Mariana Islands. Each region presents a unique geographic and cartographic challenge. It is also my responsibility to document my production processes in each of my primary applications for future reference, to develop a master-set of cartographic styles to be used throughout all of the documentation, and to coordinate my work with the various agencies in the compilation and printing of the documentation according to the United Nations Convention on the Law of the Sea and Article 76.

Senior Cartographer – S&P Global Platts
April 2006 – November 2015

As the Senior Cartographer, I was responsible for all facets of S&P's commercial Cartographic business. My responsibilities included creating new cartographic products using Adobe Illustrator/MaPublisher and ArcGIS Desktop; updating over twenty print-based and digital products annually; developing cartographic workflows and cartographic design standards and styles; researching and developing spatial data-sets and creating web-services for the web-based commercial mapping system. I was also responsible for developing marketing and promotion materials, writing sales copy for the corporate website and creating the product release calendar for the cartography business.

PUBLICATIONS	<p>2015 ESRI Map Book Vol.30 – North American Electric Power System, 2014 Edition</p> <p>2013 ESRI Map Book Vol.28 - World Shale Resources, 2012</p> <p>2012 ESRI Map Book Vol.27 - Natural Gas Supply of North America, 2011</p> <p>2011 ESRI Map Book Vol.26 - Coal-fired Power Plants of the People’s Republic of China</p> <p>2010 ESRI Map Book Vol.25 - World Energy Capacity and Consumption</p> <p>2009 ESRI Map Book Vol.24 - Wind Resources of the Western United States</p> <p>2008 ESRI Map Book Vol.23 - Power Plants of India</p> <p>Cartography Design Annual #1 – Power Plants of India</p>
AWARDS	<p>2009 The British Cartographic Society Avenza Award for Electronic Mapping – North American Natural Gas System, 2008-2009 Digital Atlas - Commended</p> <p>2008 International CartoSIG Annual map award and meeting. Award for Excellence in Cartography: Electric Power System of the U.S.</p> <p>2008 Electric Power System of the U.S. First Place Best Cartographic Design Large Format 2008 ESRI International User Conference</p> <p>2006 The People’s Republic of China, Power Plants 2006/2007 Edition ACSM (American Congress on Surveying and Mapping) 34th Annual Map Design Competition: Professional Award – Best Thematic</p>
Community	<p>Former Cartotalk Administrator since 2004 (website is longer being updated), NACIS Conference attendee & member, ESRI Users Conference attendee.</p>