

Daniel P Carver

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Education

Masters of Applied Geography and Geospatial Science

Masters Certificate in Geographic Information Science

University of Colorado Denver - Graduation: 05/2017 - GPA:3.86/4

B.S. Geology & B.A. Physical Geography

Adams State University - Graduation: 05/2012 - GPA: 3.70/4

Professional Experience

United States Agricultural Service; Agricultural Research Service

Fort Collins, Colorado - June 2018 to Present

Spatial Scientist

I collaborate with researchers and curators at the National Laboratory for Genetic Resource Preservation to develop geospatial models that add to the understanding of the distribution, collection, and use of the Crop Wild Relatives.

NASA DEVELOP

Fort Collins, Colorado - June 2017 to September 2018

Geoinformatics Fellow & Assistant Center Lead

Half of my time is spent supporting the node location in Fort Collins and the other half is spent supporting the National Program office in Virginia. At the node level I assisted in administrative task and worked as a member of a research team. At the national level I provided educational trainings and provided geospatial analysis support to all 13 nodes across the country.

United States Geological Survey; National Geospatial Technical Operations Center

Denver, Colorado - May 2016 to June 2017

Geography/GIS Support

Ensure that the 100 plus individuals who are producing data and supporting data production for the National Map have the technical support and software to effectively perform their jobs. This position was stationed within the Information Technologies Service section.

University of Colorado Denver: Geography and Environmental Sciences

Denver, Colorado - August 2015 to May 2016

Teaching Assistant – Physical Geography, Environmental Science, Landscape Architecture

Worked to support student engagement in the class and provide instruction material related to course content.

Colorado Mountain Club: Youth Education Program

Golden, Colorado - October 2013 to August 2015

Lead Instructor

Organized and facilitated curriculum, ensured safety in various outdoor settings, and acted as the point of contact for the organization for specific trips.

Great Sand Dunes National Park and Preserve

Mosca, Colorado - May-November 2012 & April-October 2013

Education Technician

Managed a wilderness based outdoor education program that took middle and high school students into the backcountry for 5 and 7 days at a time. Created a promotional video which can be found [here](#)

Adams State Adventure Program (ASAP)

Alamosa, Colorado - October 2007 – May 2012

Trip Leader

Performed a variety of roles over a 5 year period as a student employee that involved risk management and outdoor education of groups.

Publications

Woodward, B.D.; Evangelista, P.H.; Young, N.E.; Vorster, A.G.; West, A.M.; Carroll, S.L.; Girma, R.K.; Hatcher, E.Z.; Anderson, R.; Vahsen, M.L.; Vashisht, A.; Mayer, T.; Carver, D.; Jarnevich, C. CO-RIP: A Riparian Vegetation and Corridor Extent Dataset for Colorado River Basin Streams and Rivers. ISPRS Int. J. Geo-Inf. 2018, 7, 397.

Moreno-Sanchez, R., Manuel Torres Rojo, J., Moreno-Sanchez, F., Carver, D., Niknami, L., Clay, E., Exploration of Land-cover Changes 2000-2010 at the National Level in Mexico Using GlobeLand30 Data Sets. Reality, Data and Space International Journal of Statistics and Geography Vol.8, Num 3 (2018)

Carver, D.P., Beeton, J.M., Holocene landscape evolution and geoarchaeology of low-order streams in the Rio Grande basin, San Juan Mountains, Colorado, USA. Journal of Quaternary Research 82 (2014), 331-341.

Wilderness Ranger Cookbook, 2nd: A Collection of Backcountry Recipes by Bureau of Land Management, Forest Service, National Park Service, and U.S. Fish and Wildlife Service Wilderness Rangers. My recipe for Ambassadorial Breakfast Gravel is included within this text.

Contributed to two professional peer-reviewed reports submitted to the Colorado Historical Society; Principal Investigator: Dr. Jared Beeton.

Geoarchaeology and 14C Dating of Landform Sediment Assemblages in La Jara Creek, Hot Creek and the Alamosa River Basins, San Luis Valley, Colorado. Submitted Winter 2012

Soils and Geoarchaeology of La Jara Creek, Hot Creek and Alamosa River, Rio Grande Basin, Colorado. Accepted Spring 2011

References

Kathy Faz - Chief of Interpretation and Visitor Services

Great Sand Dunes National Park and Preserve - office: 719-378-6341 - kathy_faz@nps.gov

Holly Barrass - Education Director

Colorado Mountain Club - Office: 303-996-2751 - hollybarrass@cmc.org

Colin Khoury - Research Associate

USDA Agricultural Research Service - Office: 970-492-7534 - Colin.Khoury@ars.usda.gov