



DANIEL RODRIGUEZ

Research Analyst | CARBON SOLUTIONS LLC

EDUCATION & TRAINING

BS | Major: Environmental Science-Chemistry
Colorado College | 2014-2018

PROFESSIONAL EXPERIENCE

Research Analyst | CARBON SOLUTIONS LLC | 2022–Present

Identify and evaluate facilities for carbon capture retrofit.

Consultant | Great Plains Institute | 2021–2022

Investigated target industries and regions for CCUS. Conducted emissions analyses to determine the quantity of CO₂ capturable at each facility to develop a regional transport network.

Research Associate | Brown Brothers Energy & Environment | 2020

Assessed key heavy industry facilities at a unit-level to determine all benefits and co-benefits of CCUS. Focused primarily on the reduction of atmospheric pollutants by CCUS and how those reductions would affect local air quality.

Research Intern | Colorado State University | 2017

Performed research with the Department of Atmospheric Sciences. Investigated the impact of oil and natural gas on the abundance of OVOCs and precursor species in the northern Colorado Front Range.

Research Assistant | Safe Healthy Playing Fields Coalition | 2014–2020

Studied the chemical composition and emissions from synthetic tire crumb athletic fields. These inquiries examined the quantity of heavy metals, qualified VOC emissions and fine particulate from the synthetic infill.

PROFILE

Daniel is a Research Analyst with a background in atmospheric and environmental chemistry. His work focuses on evaluating facilities for CCS and the associated co-benefits to air quality. Daniel has performed numerous emissions analyses for the industrial and power sectors throughout the US. He often dives into the unit and stack level emissions to better understand the quality of each emitters' flue gases. He also has experience with atmospheric dispersion and chemical models.

CONTACT INFORMATION

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