



**Colorado Energy Research Collaboratory**  
*Securing a Sustainable & Resilient Energy Future*

## Collaborative Research Resources

### Universities

#### University of Denver

[https://scholar.google.com/citations?hl=en&user=Mnat45YAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=Mnat45YAAAAJ&view_op=list_works&sortby=pubdate)

Wenzhong Gao: Power electronics, electric grid, electric vehicles

#### University of Colorado - Denver

[https://scholar.google.com/citations?hl=en&user=xb3xoXUAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=xb3xoXUAAAAJ&view_op=list_works&sortby=pubdate)

Satadru Dey: Energy systems, transportation, batteries

#### Colorado State University

[https://scholar.google.com/citations?hl=en&user=v5t3VSQAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=v5t3VSQAAAAJ&view_op=list_works&sortby=pubdate)

Tom Bradley: Electric vehicles, transportation, fuel cells

[https://scholar.google.com/citations?hl=en&user=aOZrnYEAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=aOZrnYEAAAAJ&view_op=list_works&sortby=pubdate)

Jason Quinn: Electric vehicles, energy systems, charging

[https://scholar.google.com/citations?hl=en&user=3j9wNP0AAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=3j9wNP0AAAAJ&view_op=list_works&sortby=pubdate)

Amy Prieto: Electrochemistry, batteries

## **University of Colorado - Boulder**

[https://scholar.google.com/citations?hl=en&user=z1Hk5OAAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=z1Hk5OAAAAAJ&view_op=list_works&sortby=pubdate)

Chunmei BAN: Electrochemistry, batteries

[https://scholar.google.com/citations?hl=en&user=b1jfVpcAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=b1jfVpcAAAAJ&view_op=list_works&sortby=pubdate)

Michael P. Marshak: Electrochemistry, batteries, flow batteries

[https://scholar.google.com/citations?hl=en&user=gchM5IUAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=gchM5IUAAAAJ&view_op=list_works&sortby=pubdate)

Conrad R. Stoldt: Electrochemistry, batteries

[https://scholar.google.com/citations?hl=en&user=-7V5t44AAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=-7V5t44AAAAJ&view_op=list_works&sortby=pubdate)

Se-Hee Lee: Electrochemistry, batteries

[https://scholar.google.com/citations?hl=en&user=z-0g\\_B4AAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=z-0g_B4AAAAJ&view_op=list_works&sortby=pubdate)

Daniela Molina Piper: Electrochemistry, Batteries

[https://scholar.google.com/citations?hl=en&user=97xFEH0AAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=97xFEH0AAAAJ&view_op=list_works&sortby=pubdate)

Dragan Maksimovic: Power electronics, electric grid

[https://scholar.google.com/citations?hl=en&user=nVuk7fgAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=nVuk7fgAAAAJ&view_op=list_works&sortby=pubdate)

Robert Erickson: Power electronics, electric grid

[https://scholar.google.com/citations?hl=en&user=a5ZHSRsAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=a5ZHSRsAAAAJ&view_op=list_works&sortby=pubdate)

Bri-Mathias Hodge: Energy systems, electric grid

## **University of Colorado – Colorado Springs**

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Greg Plett: Batteries

[https://scholar.google.com/citations?hl=en&user=XA4kJA8AAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=XA4kJA8AAAAJ&view_op=list_works&sortby=pubdate)

Scott Trimboli: Batteries

## Colorado School of Mines

[https://scholar.google.com/citations?hl=en&user=nT-hafwAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=nT-hafwAAAAJ&view_op=list_works&sortby=pubdate)

Tyrone Vincent: Energy systems, batteries

[https://scholar.google.com/citations?hl=en&user=reyh1IMAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=reyh1IMAAAAJ&view_op=list_works&sortby=pubdate)

Neal Sullivan: Fuel cells

[https://scholar.google.com/citations?hl=en&user=c3CQfLEAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=c3CQfLEAAAAJ&view_op=list_works&sortby=pubdate)

Robert Braun: Energy systems, batteries, fuel cells

[https://scholar.google.com/citations?hl=en&user=VZ36R-AAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=VZ36R-AAAAAJ&view_op=list_works&sortby=pubdate)

Geoff Brenneka: Fuel cells, electrochemistry

<https://econbus.mines.edu/project/bazilian-morgan/>

Morgan Bazilian: public policy, energy systems and markets

[https://scholar.google.com/citations?hl=en&user=St1AG\\_wAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=St1AG_wAAAAJ&view_op=list_works&sortby=pubdate)

Steven DeCaluwe: Electrochemistry, batteries

[https://scholar.google.com/citations?hl=en&user=AcX\\_25MAAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=AcX_25MAAAAAJ&view_op=list_works&sortby=pubdate)

Robert Kee: Electrochemistry, batteries

[https://scholar.google.com/citations?hl=en&user=vUguBIAAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=vUguBIAAAAAJ&view_op=list_works&sortby=pubdate)

Ryan O'Hayre: Electrochemistry, batteries

[https://scholar.google.com/citations?hl=en&user=TIL50SgAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=TIL50SgAAAAJ&view_op=list_works&sortby=pubdate)

Jason Porter: Electrochemistry, batteries

[https://scholar.google.com/citations?hl=en&user=Yq490MAAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=Yq490MAAAAAJ&view_op=list_works&sortby=pubdate)

Marcelo Godoy Simoes: Power electronics, electric grid

<https://www.cs.colorado.edu/~lv/>

Qin Lv: mobile air quality sensing, PHEV driving behavior analysis

# National Renewable Energy Laboratory

## NREL (all expertise present)

<https://www.nrel.gov/transportation/energy-storage-publications.html>

NREL expertise and transportation energy storage publications

<https://www.nrel.gov/transportation/commercial-vehicle-technologies.html>

NREL Commercial Vehicle Technologies

<https://www.nrel.gov/transportation/medium-heavy-duty-vehicle-charging.html>

NREL Medium-and Heavy-Duty Electric Vehicle Charging

<https://www.nrel.gov/transportation/project-ev-grid-integration.html>

NREL Electric Vehicle Grid Integration

[https://scholar.google.com/scholar?hl=en&as\\_sdt=0%2C6&q=John+Farrell+nrel&btnG=](https://scholar.google.com/scholar?hl=en&as_sdt=0%2C6&q=John+Farrell+nrel&btnG=)

John Farrell: Fuel and engine, light-duty, heavy-duty vehicles

<https://scholar.google.com/citations?user=vpMZ2gUAAAAJ&hl=en&oi=ao>

Eric Wood: Batteries

<https://www.nrel.gov/research/staff/jennifer-kurtz.html>

Jennifer Kurtz: Hydrogen and fuel cell, grid integration

<https://search4.nrel.gov/texis/search/?pr=metanrel&query=tony+markel>

Tony Markel: Cybersecurity, EV grid integration

<https://www.nrel.gov/research/staff/andrew-meintz.html>

Andrew Meintz: EV grid integration, EV charging, fast charging, wireless charging

<https://www.nrel.gov/grid/assets/pdfs/aes-moniot.pdf>

Matt Moniot: Autonomous energy systems, electric vehicle loads

<https://www.nrel.gov/research/staff/matteo-muratori.html>

Mateo Muratori: Integrated transportation and energy systems analysis

<https://www.nrel.gov/research/staff/kandler-smith.html>

Kandler Smith: Batteries

## Think-tanks and Other Organizations

### Rocky Mountain Institute

[https://rmi.org/insights?fwp\\_categories=transportation&fwp\\_search\\_rmi=electric%20vehicles](https://rmi.org/insights?fwp_categories=transportation&fwp_search_rmi=electric%20vehicles)

Multiple sources library: energy systems, transportation, charging

### SWEEP

<https://www.swenergy.org/transportation/electric-vehicles>

Energy systems, transportation

### CalStart

<https://calstart.org/resources/>

Electric vehicles, transportation

### Colorado Smart Cities Alliance (CSCA)

[Colorado Smart Cities Alliance \(CSCA\)](#)

Network of public, private, and academic leaders driving smart cities' progress

### Clean Energy Economy (CLEER)

<https://cleanenergyeconomy.net/>

Works to accelerate the transition to a clean energy economy, increase energy independence and reduce our contribution to climate change

### Electrification Coalition

<https://www.electrificationcoalition.org/>

Accelerator of communities, direct fleet electrification programs, EV rental car programs, and Smart Cities implementation, the EC is working to create new innovations in consumer EV experiences

### Western Resource Advocates

<https://westernresourceadvocates.org/>

Protects the West's land, air and water to ensure that vibrant communities exist in balance with nature.

## **Government**

### **Colorado Department of Transportation (CDOT)**

[Colorado Department of Transportation - electric vehicles](#)

Provide multi-modal transportation system for Colorado that most effectively and safely moves people, goods, and information

### **Colorado Energy Office (CEO)**

[Colorado Energy Office – electric vehicles](#)

Reduce greenhouse gas emissions and consumer energy costs by advancing clean energy, energy efficiency and zero emission vehicles to benefit all Coloradans

### **Regional Transportation (RTD)**

[RTD-Denver](#)

Provides convenient bus and rail service to Denver Metro area

### **Colorado Department of Public Health and Environment**

[CDPHE](#)

Providing public health and environmental protection services that promote healthy people in healthy places

### **Colorado Public Utilities Commission**

[PUC](#)

Transportation, utilities

### **Regional Air Quality Council**

[RAQC](#)

Serves as the lead air quality planning agency for the Denver metropolitan area

### **U.S. Department of Energy – Denver Metro Clean Cities Coalition**

[Denver Metro Clean Cities Coalition](#)

Works with vehicle fleets, fuel providers, community leaders, & other stakeholders to save energy & promote the use of domestic fuels & advanced vehicle technologies in transportation