

# Low Carbon Transportation Research at the California Air Resources Board

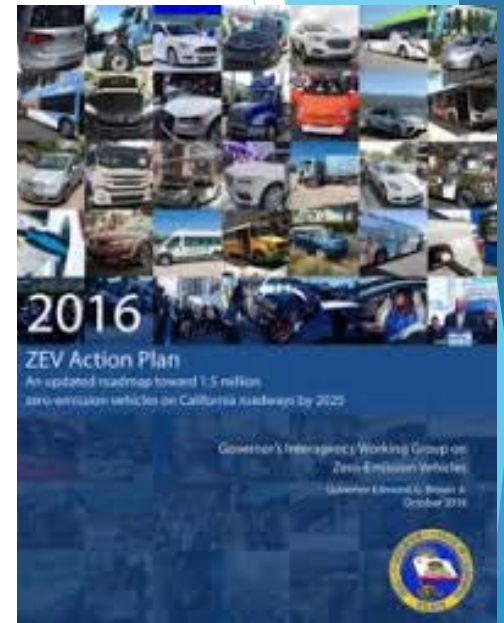
**Annalisa Schilla**

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# California ZEV Goals

- ▶ Gov. Brown Executive Order B-16-12 goals:
  - ▶ Infrastructure for 1M ZEVs by 2020
  - ▶ 1.5M ZEVs on the road by 2025
- ▶ CARB Mobile Source Strategy:
  - ▶ 4.2M light-duty ZEVs on the road by 2030
  - ▶ Maximum ZEV penetration in other applications



# What does CARB research support?

- ▶ Low Carbon Transportation research that helps us:
  - ▶ Combat climate change
  - ▶ Meet air quality standards
  - ▶ Create healthier communities
  - ▶ Work toward equality in access to clean transportation options

Learn More:

<https://www.arb.ca.gov/research/sustainable/vehiclechoicee.htm>

## ***Factors Affecting Plug-In Electric Vehicle (PEV) Sales in California: 2010-2015***

**Principal Investigator:**

JR DeShazo (UCLA)

# Study Motivation

- ▶ Inform CARB's clean vehicle regulatory and incentive programs
  - ▶ What factors could support, or undermine, CARB's zero emission vehicle regulatory programs?
  - ▶ Are state incentives (e.g., purchase rebates and carpool lane access) helping get more clean vehicles on the road?

# For More Information:

## *CARB Research Division*

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For more information on CARB's Low Carbon Transportation Research, visit:

<https://www.arb.ca.gov/research/sustainable/vehiclechoice.htm>

For more information on CARB's Zero Emission Vehicle Program, visit:

<https://www.arb.ca.gov/msprog/zevprog/zevprog.htm>

For more information on CARB's Clean Vehicle Incentives, visit:

<https://www.arb.ca.gov/fuels/altfuels/incentives/incentives.htm>