

Act Now to Advance Clean Trucks in California

To: California Air Resources Board

As climate scientists, and earth and atmospheric systems experts, attending the 2019 American Geophysical Union annual meeting, I urge you to adopt a much stronger Advanced Clean Trucks (ACT) Rule. In addition to driving the transition to zero emission trucks in California, this rule will set a precedent for states across the country.

Heavy duty vehicles make up only 7% of vehicles in California, yet are responsible for 20% of carbon emissions, 40% of NOx emissions, and 27% of particulate matter from the transportation sector. The transportation sector is the biggest emitter of global warming pollution in the state.

California still has the worst air quality in the nation, and trucks contribute disproportionately to these emissions. Poor air quality has many negative public health impacts and truck pollution disproportionately hurts communities of color located near busy roads and freight hotspots.

We cannot afford to wait on climate action or wait on reducing pollution burdens for communities in California and beyond.

CARB's current proposal only results in 4% of trucks on the road being zero-emission by 2030. I support CARB taking stronger and faster measures through the ACT. I urge CARB to:

- Commit to higher sales targets for zero-emission trucks;
- Begin sales targets for *all* types of trucks in 2024;
- Set aggressive goals for zero-emission truck adoption beyond 2030.

Thank you for your consideration.

Sincerely,

Name	State, ZIP	Degree, area of expertise
LAURA GUERTIN	PA, 19063	PHD MARINE GEOLOGY
JORDAN FIELDS	NH, 03760	M.S. Fluvial Geomorphology
Evan Dehner	NH, 03768	PhD Hydrology
IRISA JANKURAZOVA	WI, 54911	undergraduate Math, Physics
Lindsay Goodwin	NJ, 07042	PhD, space science

Name	State, ZIP	Degree, area of expertise
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Sofia Hamilton	CA 94960	PhD student - air quality
Ed Munnich	MN 20854	PhD climate comm
Lina Zhu	Calif. 95776	MS Chemical Engineering
Jackie Dixon	FL 33710	PhD Geochemistry
Erica Harris	VT 05661	MS Geography
Byron Hann	CA 94556	MD, PhD Cancer Biology
Nick Anthias	CA 94607	DPhil, Biochemistry
Paul Weimer	CA 94115	PhD, Chemistry
Andrew Guntler	CA 94610	PhD Env. Science
Susan Merlo	OR 97394	BS Oceanography
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DAVID HASTINGS	FL 33713	PhD Oceanography
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Mike Fischella	CA, 90024	PhD
Lydia Jennings	AZ 85705	PhD
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Fred Denn	VA 23693	MS
Cynthia Gardner	98060	MS
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Samantha Krus	CA, 92122	PhD
Erwan Morton	85281	PhD candidate CO ₂ emissions
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Dr. Ed Maurer	CA, 95050	PhD, civil engineering
Robert Reincke	GER, 35428 Germany	PhD, Hydrology
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John Riedinger	MN 5516	Ph.D. ^{PHYSICS}
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Monica MacCanna	CA 90064	Archaeology
Tamara Kaylor	CA 95616	Public Health
Michael Seibert	CO 80304	Planetary Science
Nora Mascioli	CA, 92122	Air quality and Climate
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Steen Uerner	KY 40502	Undergrad
Chris Messerich	VA 24450	U, Geology
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Conner Alfrey	CA 93611	Sed., Geo m.S.
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Colleen Bradley	NY 13468	Student hydrology
Andy Collier	NY 11726	Sales
Laurie D. Cragg	VT 05650	paleoecology/ paleoclimatology
Margaret Goud Coll	MA 02540	PhD Ecological Oceanography/Policy
Jennie Dushack	CA 95060	MA ECOLOGY
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JAMIE JENSEN	SF/CA 94110	SVV social worker
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