

## NOTICE OF PUBLIC MEETING

STATE OF CALIFORNIA  
Air Resources Board

### Research Screening Committee

A meeting of the California Air Resources Board's (ARB or Board) Research Screening Committee (RSC) will be held at the time and place specified below (see attached agenda). The RSC reviews projects funded or proposed for funding by ARB, and provides advice and recommendations to the Board. The RSC will review relevant written comments received on the scientific methods or other scientific aspects of the research projects.

TO SUBMIT WRITTEN COMMENTS ON AN AGENDA ITEM IN ADVANCE OF THE MEETING, EMAIL TO: Monica Vejar at [mvejar@arb.ca.gov](mailto:mvejar@arb.ca.gov) by close of business, March 25, 2014. There will be a three minute time limit for those who wish to provide oral comments on an agenda item.

The notice and materials to be discussed are on the ARB Internet site at <http://www.arb.ca.gov/research/rsc/rsc.htm>.

Date: March 28, 2014  
Time: 9:00 a.m.  
Place: Cal/EPA Headquarters Building  
1001 I Street, Conference Room 510  
Sacramento, California 95814

If you have any questions regarding this meeting, please contact Bart E. Croes, P.E., Chief, Research Division, Air Resources Board, P.O. Box 2815, Sacramento, California 95812, at (916) 323-4519, or [bcroes@arb.ca.gov](mailto:bcroes@arb.ca.gov).

If you require a special accommodation or need these documents in an alternate format or another language, please contact Monica Vejar, RSC Coordinator, at (916) 322-3707 or [mvejar@arb.ca.gov](mailto:mvejar@arb.ca.gov), as soon as possible, but no later than 10 business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

  
Richard W. Corey  
Executive Officer

Dated:

Attachment

**Location #2**

1210 Woodside Drive  
San Luis Obispo, California

**Location #3**

4518 Whisper Way Drive  
Troy, Michigan

**Location #4**

Research Triangle Park  
EPA Research Facility  
B Building, Room B320J  
109 TW Alexander Drive  
Durham, North Carolina

**Location #5**

412C Wurster Hall  
University of California, Berkeley  
Berkeley, California

**Location #6**

South Coast Air Quality Management District  
Science and Technology Advancement  
21865 Copley Drive  
Diamond Bar, California

**Location #7**

Department of Mechanical & Aerospace Engineering  
555 Engineering Building Unit 2  
University of California, San Diego  
La Jolla, California

**Location #8**

51-295 CHS, Fielding School of Public Health  
650 Charles Young Drive South  
University of California, Los Angeles  
Los Angeles, California

**Location #9**

Department of Atmospheric & Oceanic Science  
7127 Math Science Bldg.  
405 Hilgard Avenue  
University of California, Los Angeles  
Los Angeles, California

**State of California  
AIR RESOURCES BOARD**

**Research Screening Committee Meeting  
Cal/EPA Headquarters Building  
1001 I Street  
Conference Room 510  
Sacramento, California 95814  
(916) 445-0753**

**March 28, 2014  
9:00 a.m.**

**AGENDA**

**I. Approval of Minutes of Previous Meeting:**

January 31, 2014 meeting

**II. Discussion of New Research Projects:**

- 1) "Aerodynamic Greenhouse Gas Emissions Reduction Assessment of Non 53-foot Trailers Pulled by Heavy-Duty Tractors," University of California, Riverside, \$500,000, Proposal No. 2770-278
- 2) "Evaluation of the Impacts of Emissions Averaging and Flexibility Programs for all Tier 4 Final Off-Road Diesel Engines," University of California, Riverside, \$300,000, Proposal No. 2774-278
- 3) "Evaluation of the Feasibility, Cost-effectiveness, and Necessity of Equipping Small Off Road Diesel Engines with Advanced PM and/or NO<sub>x</sub> Aftertreatment," University of California, Riverside, \$800,000, Proposal No. 2769-278
- 4) "Reducing Formaldehyde Emissions from Home Central Heating and Air Conditioning Filters," Lawrence Berkeley National Laboratory, \$350,000, Proposal No. 2771-278
- 5) "Protocol Development for Vehicle Emission Toxicity Testing for Particulate Matter," University of California, Davis, \$100,000, Proposal No. 2772-278
- 6) "Improving DNDC Modeling Capability to Quantify Mitigation Potential of Nitrous Oxide from California Agricultural Soils," University of New Hampshire, \$199,797, Proposal No. 2773-278

III. Discussion of Draft Final Reports:

- 1) "Central Nervous System Effects of Ambient Particulate Matter: The Role of Oxidative Stress and Inflammation," University of California, Irvine, \$309,141, Contract No. 08-306
- 2) "Air Movement as an Energy Efficient Means Toward Occupant Comfort," University of California, Berkeley, \$170,000, Contract No. 10-308
- 3) "Construction of a DOAS Instrument for Installation at the California Air Resources Board for the Low Level Measurement of Sulfur Dioxide to Investigate the Relation Between Sulfur Dioxide and Sulfate," University of California, Riverside, \$90,004, Contract No. 10-312
- 4) "Improving Regional Biogenic Volatile Organic Compound Emission Estimates Using an Airborne PTRMS EDDY Flux Measurement System," University of California, Berkeley, \$400,000, Contract No. 09-339

IV. Discussion of Other Business:

- 1) "Using Feedback from Commercial Buildings to Support Energy-Conserving Behavior," University of California, Berkeley, \$184,260, Contract No. 10-310