



Town of Arlington
Office of the Town Manager

Adam W. Chapdelaine
Town Manager

730 Massachusetts Avenue
Arlington MA 02476-4908
Phone (781) 316-3010
Fax (781) 316-3019
E-mail: achapdelaine@town.arlington.ma.us

MEMORANDUM

DATE: October 2, 2018

TO: Board Members

SUBJECT: Appointment to the Clean Energy Future Committee

This memo is to request the Board's approval of my appointment of Coralie Cooper, Arlington, MA, to the Clean Energy Future Committee, with a term expiration of 6/30/2021.

Adam Chapdelaine
Town Manager

Coralie Cooper

Arlington, MA 02474

EXPERIENCE:

U.S. DEPARTMENT OF TRANSPORTATION, VOLPE CENTER **Cambridge, MA**
Sustainability Program Lead, Energy Analysis and Sustainability Division 1/2011 to present

- Developed a High Performance Sustainable Buildings Order for implementation by the Federal Aviation Administration (FAA) at 350 Air Traffic Organization facilities nationwide
- Developed the 2016-2018 Department of Transportation (DOT) Sustainability Implementation Plans submitted to the Office of Management and Budget (OMB)
- Wrote a Carbon Neutral Airport Toolkit under a grant from FAA
- Oversaw a cost benefit analysis of DOT building energy and water efficiency measures undertaken between 2012 and 2016
- Currently developing a Zero Emission Airport Roadmap for the Airports Cooperative Research Program (ACRP), overseen by the National Academy of Sciences
- Developed City of Cambridge fleet GHG 2030 reduction targets for light-, medium-, and heavy-duty vehicles and a fleet technology implementation plan
- Coordinated aspects of the U.S.-China Race to Zero Emissions (R2ZE) program and was part of a DOT team that met with members of the Chinese Academy of Transportation Sciences in Beijing to discuss policies to promote electric buses

NORTHEAST STATES FOR COORDINATED AIR USE MANAGEMENT **Boston, MA**
Transportation Program Manager, 1997-2011

Manage NESCAUM's transportation program:

- Provide technical and policy recommendations on transportation GHG, criteria pollutant, and toxics control programs to states in the northeast and mid-Atlantic:
 - Recommend strategies to reduce transportation-related air pollution
 - Conduct technical evaluations of the potential emissions reductions of different strategies
 - Advocate for program adoption to air program staff, legislators, and stakeholders
- Manage staff of four and oversee NESCAUM's transportation projects
- Oversee multi-state working groups on issues such as regional adoption of the California Zero Emission Vehicle Program, Low Emission Vehicle Program, and other programs
- Work with organizations such as the New England Governors and Eastern Canadian Premiers to expand programs beyond the northeast and mid-Atlantic states
- Represent NESCAUM in public meetings, on advisory groups, and in transportation forums such as the National Research Council, the Mobile Source Technical Review Subcommittee of the Clean Air Act Advisory Committee, state legislatures, and other venues

EDUCATION:

MASSACHUSETTS INSTITUTE OF TECHNOLOGY **Cambridge, MA**
MCP Degree with a specialization in environmental policy and transportation

BOSTON UNIVERSITY
B.A., French Language and Literature

Boston, MA

PUBLICATIONS:

Professional Journals

C. Cooper et al, *Medium Duty Truck Fuel Efficiency Technology Study* SAE Paper 2015-01-2769, October 2015
T. Reinhart et al, *Analysis Process for Truck Fuel Efficiency Study*, SAE Paper 2015-01-2778, October 2015
Badain, N., Reinhart, T., Cooper, C., MacIsaac, J. et al., *Heavy-Duty Vehicle Fuel Saving Technology Analysis to Support Phase 2 Regulations*, SAE 2015-01-2775, October 2015
Ainslie, B., Rideout, G., Cooper, C., and McKinnon, D., *Impact of Retrofit Exhaust Control Technologies on Emissions From Heavy-Duty Diesel Construction Equipment*, SAE 1999-01-0110

Principal or contributing author on a number of NESCAUM or NESCCAF¹ reports, including:

Reducing Heavy-Duty Long Haul Combination Truck Fuel Consumption and CO₂ Emissions, NESCCAF, 2009
Introducing a Low Carbon Fuel Standard in the Northeast: Technical and Policy Considerations, NESCCAF, 2009
Reducing Greenhouse Gas Emissions from Light-Duty Motor Vehicles, NESCCAF, 2004

EXPERT PANELS and STEERING COMMITTEES

Member of the following committees, advisory boards, or expert panels: Committee on Transportation Energy, Transportation Research Board (TRB); Committee to Review the 21st Century Truck Partnership, National Research Council (NRC); Environmental Policy Auto Design and Materials Flows External Advisory Board, University of Michigan (MUSES); California Air Resources Board International Diesel Retrofit Advisory Committee, and others

Professional Memberships:

Society of Automotive Engineers
Association of Energy Engineers

Professional Certifications

LEED, AP BD&C
Certified Energy Manager

Awards:

Department of Transportation 2017 Sustainability Award for "Green Partnerships"

"Samuel J. Heyman Service to America Medals," finalist 2014. Team award for 2017-2025 light-duty vehicle fuel economy and GHG regulation

"Secretary's Team Award," 2012, US Department of Transportation

"Meritorious Service Award," 2000, State and Territorial Air Pollution Program Administrators and Association of Local Air Pollution Control Officials (now NACAA)

¹ NESCCAF is NESCAUM's sister organization and stands for Northeast States Center for a Clean Air Future

OFFICE OF THE SELECT BOARD

DANIEL J. DUNN, CHAIR
DIANE M. MAHON, VICE CHAIR
KEVIN F. GREELEY
JOSEPH A. CURRO, JR.
JOHN V. HURD



730 MASSACHUSETTS AVENUE
TELEPHONE
781-316-3020
781-316-3029 FAX

TOWN OF ARLINGTON
MASSACHUSETTS 02476-4908

October 1, 2018

Coralie Cooper

Arlington, MA 02474

Re: Appointment: Clean Energy Future Committee

Dear Ms. Cooper:

As a matter of the standard appointment procedure, the Select Board requests that you attend a meeting of the Select Board at Town Hall, Selectmen's Chambers, 2nd Floor, 730 Massachusetts Avenue, on Wednesday, October 10th at 7:15 p.m.

It is a requirement of the Select Board that you be present at this meeting. Your presence will give the Board an opportunity to meet and discuss matters with you about the area of activity in which you will be involved.

Please contact this office to confirm the date and time with either Fran or Ashley at the above number.

Thank you.

Very truly yours,
SELECT BOARD

A handwritten signature in cursive script that reads "Marie A. Krepelka".

Marie A. Krepelka
Board Administrator

MAK:fr