# Useful Resources

# from Climate Change & Energy Planning for MPOs

# A Webinar Series sponsored by FHWA, presented by AMPO and Parsons Brinckerhoff

Association of Metropolitan Planning Organization Website: <http://www.ampo.org>

## Webinar 1: Context for Climate Change Planning

Environmental Protection Agency. “Climate Change Indicators.” April 2010: <http://www.epa.gov/climatechange/indicators/pdfs/ClimateIndicators_full.pdf>

Henderson, Mark and Robin Pagnamenta. “Carbon emissions must start falling in 2015 to keep warming to 2 degrees Celsius: scientists say” *The Australian* 29 May 2009: <<http://www.theaustralian.com.au/news/carbon-emissions-must-start-falling-in-2015-to-keep-warming-to-2c-scientists/story-e6frg6to-1225717880947>>

Metropolitan Washington Council of Governments. “What Would It Take” *Reports and Presentation.* 19 May 2010*:* <http://www.mwcog.org/transportation/committee/committee/documents.asp?COMMITTEE_ID=230>

National Cooperative Highway Research Program 20-24(59). “Strategies for Reducing the Impacts of Surface Transportation on Global Climate Change” March 2009: <http://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=2113>

United States White House. “Climate Change Adaptation Task Force”: <http://www.whitehouse.gov/administration/eop/ceq/initiatives/adaptation>

U.S. Climate Change Science Program and the Subcommittee on Global Change Research. “North American Carbon Budget and Implications for the Global Carbon Cycle” November 2007: <http://www.climatescience.gov/Library/sap/sap2-2/final-report/>

NRDC Green Infrastructure Guide to adaptation impacts of stormwater runoff/flooding. <http://www.google.com/url?sa=t&rct=j&q=nrdc%20rooftops%20to%20rivers%20ii%3A%20green%20strategies%20for%20controlling%20stormwater%20and%20combined%20sewer%20overflows&source=web&cd=2&ved=0CDMQFjAB&url=http%3A%2F%2Fwww.nrdc.org%2Fwater%2Fpollution%2Frooftops%2Frooftops.pdf&ei=XP0pT_msKaTE2gXj98WIDw&usg=AFQjCNGaDQ2qcrp4-Zo0byC8kSUrWajnoQ&cad=rja>

Des Moines, Iowa.

“The Tomorrow Plan; Partnering for a Greener Greater Des Moines”: <http://www.thetomorrowplan.com/>

HUD Sustainable Communities Regional Planning Grant Program: <http://portal.hud.gov/hudportal/HUD?src=/program_offices/sustainable_housing_communities/sustainable_communities_regional_planning_grants>

Strafford, New Hampshire.

New Hampshire Climate Action Plan: <http://des.nh.gov/organization/divisions/air/tsb/tps/climate/action_plan/documents/nhcap_final.pdf>

Oyster River Culvert Analysis Project: <http://www.prep.unh.edu/resources/pdf/oyster_river_culvert-prep-10.pdf>

Strafford Fluvial Erosion Hazards: <http://strafford.org/cmsAdmin/uploads/Local-Planning-Considerations-and-Cost-effective-Strategies-to-Reduce_Cocheco.pdf>

University of New Hampshire, Climate Research Center: <http://ccrc.unh.edu/index.html>

University of New Hampshire, Stormwater Center: [www.unh.edu/unhsc/](http://www.unh.edu/unhsc/)

New Hampshire Geological Survey: <http://des.nh.gov/organization/commissioner/gsu/>

Vermont Geomorphic Assessment Tools (erosion): <http://www.vtwaterquality.org/rivers/htm/rv_geoassess.htm>

FEMA Local Emergency Planning HazMat Committee: <http://www.fema.gov/hazard/hazmat/backgrounder.shtm#6>

Portland, Oregon.

Climate Change Initiative: <http://www.oregonmetro.gov/index.cfm/go/by.web/id=32823>

Oregon Metro GHG Analysis Toolkit (tools mapped to various projects and programs, including Metropolitan GreenSTEP model and the Envision Tomorrow tool): <http://library.oregonmetro.gov/intramet/files//metro_ghg_toolkit.pdf>

Oregon Metro Climate Smart Communities Strategy Toolbox: <http://rim.oregonmetro.gov/webdrawer/rec/230836/view/Planning%20and%20Development%20-%20Regional%20Tran~s%20reduction%20strategies%20and%20the%20benefits%20they%20bring%20to%20the%20region%20-%20October%202011.PDF>

Oregon State University Institute for Natural Resource: <http://oregonstate.edu/inr/>

EPA Consumption/Sector-based GHG inventory: [www.epa.gov/oswer/docs/ghg\_land\_and\_materials\_management.pdf](http://www.epa.gov/oswer/docs/ghg_land_and_materials_management.pdf)

Urban Land Institute. *Moving Cooler.* 2009: <<http://movingcooler.info/>>

## Webinar 2: Partnerships and Collaboration

LCOG, Lane County (Eugene), Oregon

FHWA website for EERPAT, statewide GHG tool (formerly Oregon’s GreenSTEP tool): <http://www.planning.dot.gov/FHWA_tool/default.asp>

1000 Friends of Oregon: <http://www.friends.org/>

Portland Metro: <http://www.oregonmetro.gov/>

Oregon Sustainable Transportation Initiative (OSTI): <http://www.oregon.gov/ODOT/TD/OSTI/Toolkit.shtml>

Washington State GHG legislation: <http://www.ecy.wa.gov/climatechange/index.htm>

California Sustainable Communities: <http://www.arb.ca.gov/cc/sb375/sb375.htm>

DVRPC, Philadelphia, Pennsylvania

Energy & Climate Change Initiatives: [www.dvrpc.org/EnergyClimate](http://www.dvrpc.org/EnergyClimate)

EPA-Circuit Rider Program (reduce energy use in municipal operations): <http://www.epa.gov/statelocalclimate/local/showcase/delawarevalley.html>

EPA-Climate Ready Estuaries (coastal communities sea level rise): [www.epa.gov/cre/](http://www.epa.gov/cre/)

Case study of Energy Efficient Buildings in the Greater Philadelphia Region: <http://energyworksnow.com/>

NCTCOG, North Central Texas

EPA Smartway -Climate Showcase Communities Grant Funding: <http://www.epa.gov/statelocalclimate/local/showcase/>

NCTCOG EPA Climate Showcase Communities Project – Freight Efficiency Outreach Center: [www.nctcog.org/smartway](http://www.nctcog.org/smartway) (Contact:  Lori Clark, [lclark@nctcog.org](mailto:lclark@nctcog.org) or 817-695-9232)

Cape Code, Massachusetts Pilot Study

Pilot Study, including final products: <Http://www.volpe.dot.gov/interagencypilotproject.html>

## Webinar 3: Communication

Climate Communications, Boulder, CO (Susan Joy Hassol, Director)

<http://climatecommunication.org/> website

6 Americas Report (Yale, George Mason Univ): <http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cts=1331064127959&ved=0CDQQFjAB&url=http%3A%2F%2Fenvironment.yale.edu%2Fclimate%2Ffiles%2FSixAmericasMay2011.pdf&ei=Nm1WT-SbN4OGsgKpq-HoCQ&usg=AFQjCNFin-7d2Z_Sr5Dj8PYIim-VXHlwCQ&sig2=vVxP4gsT6n3n-jFrYHzAOw>

2009 IPCC report – plain English science on climate change: <http://66.39.23.222/who-we-are/staff/susan-joy-hassol/projects/>

Physics Today article on Message Crafting: <http://climatecommunication.org/news/physics-today-article/>

Recommended books on how to make ideas stick and motivate action by Chip & Dan Heath

* Made to Stick: Why Some Ideas Survive and Others Die
* Switch: How to Change Things When Change Is Hard

GTC, Genesee Transportation Council, NY (Rich Perrin, Director)

[www.gtcmpo.org](http://www.gtcmpo.org/)

Pikes Peak Area COG, CO (Craig Casper, Director)

[www.gtcmpo.org](http://www.gtcmpo.org/)

DVRPC, Philadelphia, PA (Rob Graff, Manager Office of Energy and Climate Change Initiatives)

[www.dvrpc.org, Energy & Climate Change Initiatives:](http://www.dvrpc.org ) [[www.dvrpc.org/EnergyClimate](http://www.dvrpc.org )](http://www.dvrpc.org/EnergyClimate)

Causes of climate change polarization within meteorologist/climate scientist community. Energy & Environmental Newsletter 3/5/12 article “Tomorrow’s forecast – partly cloudy with a chance of catastrophe?” Jean Chemnick author: <http://epw.senate.gov/public/index.cfm?FuseAction=Minority.Blogs&ContentRecord_id=e40e4255-802a-23ad-4aac-92e7589fd385>

## Webinar 4: Linking Climate Change to other Planning Goals

USDOT TIGER Grant Benefit-Cost Analysis Guidelines: <http://www.dot.gov/tiger/application-resources.html#BCAG>

Black Carbon/Toxic air contaminants/particulate matter (“new” GHG contributor):

General article: <http://ehp03.niehs.nih.gov/article/info%3Adoi%2F10.1289%2Fehp.119-a172>

MTC: <http://www.baaqmd.gov/Divisions/Planning-and-Research/Particulate-Matter.aspx>

SCAG 2012-2035 RTP: http://rtpscs.scag.ca.gov/Pages/Draft-2012-2035-RTP-SCS.aspx

MARC 2010 - Transportation Outlook 2040 (LRTP, focus on decreasing fossil fuels, CC&E 1 of 9 goals): [www.**marc**.org/**2040**/](http://www.marc.org/2040/)

MARC 2010 – Hazard Mitigation Plan (Adaptation): http://www.marc.org/emergency/hazardplandocs.htm

MWCOG, Washington, DC

MWCOG set up a regional Climate Change committee (May 2007; Nov 2008 multi-sector report): <http://www.mwcog.org/environment/climate/about.asp>

“What would it take” scenario study (cost-effectiveness study): http://www.mwcog.org/uploads/pub-documents/qF5eXVw20110617114503.pdf

Metropolitan Area Transportation Operations Coordination (MATOC) program (incident management/adaptation): <http://www.mwcog.org/clrp/elements/moits/coordination.asp>

Regional Transportation Priorities Plan (RTPP) (a more comprehensive approach to regional planning): http://www.mwcog.org/transportation/priorities/

DMA MPO, Iowa

The Tomorrow Plan (HUD grant through IEDA and DNR; watershed health focus): http://www.thetomorrowplan.com/

State of the Region Sustainability Scan: http://www.thetomorrowplan.com/Sustainability\_Scans/Sustainability\_Scan\_01\_30\_2012.pdf

Existing Conditions Report: http://www.thetomorrowplan.com/Sustainability\_Scans/Sustainability\_Scan\_01\_30\_2012.pdf

Wildlife Management Area (WMA): <http://www.iowadnr.gov/Hunting/PlacestoHuntShoot/WildlifeManagementAreas.aspx>

MTC, San Francisco Bay Area, CA

Plan Bay Area (LRTP, Three Es- Economy, Equity, Environment - investment approach): http://www.onebayarea.org/plan\_bay\_area/

Sea level rise, vulnerability analysis: <http://www.mtc.ca.gov/news/current_topics/10-11/sea_level_rise.htm>