Goods Movement Federal Resources Compendium

2017-2018

A product from the Impacts from Commercial Transportation (Goods Movement) Committee of the Federal Interagency Working Group on Environmental Justice

EPA

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Background

The Federal Interagency Working Group on Environmental Justice (EJ IWG) identified goods movement as one of four areas of focus in the *Memorandum of Understanding on Environmental Justice and Executive Order 12898* (Aug. 2011) (EJ MOU). The *Charter for the Interagency Working Group on Environmental Justice* (Sep. 2014) (EJ IWG Charter) states "the Interagency Working Group will create standing and select committees to help carry out its responsibilities under the Executive Order. The members of the committees will consist of Senior Leadership Representatives, Senior Staff Representatives, and other persons put forth by an agency." The Goods Movement Committee (Committee) was established by the EJ IWG, pursuant to the EJ MOU and EJ IWG Charter.

The Committee serves as a resource to coordinate between federal agencies for facilitating appropriate consideration of potential adverse environmental and human health effects from the commercial transportation of freight (goods movement) and supporting infrastructure on minority, low-income, and tribal/indigenous populations (i.e. overburdened communities[1]). The Committee also works to ensure these communities are afforded opportunities to meaningfully engage with the Federal government on goods movement-related programs, policies and activities.

In keeping with the EJ IWG's fiscal year 2016-2018 goals, the Committee seeks to enhance community outreach to provide greater public access to federal information, resources, and trainings. The Committee also seeks to increase public access to and understanding of data, mapping, and assessment tools to address environmental justice issues. To that end, the *Goods Movement Federal Resources Compendium* will provide overburdened communities, community stakeholders and other interested parties with comprehensive access to publicly available federal resources (e.g., agency strategies, guidance documents, reports, funding mechanisms, data and assessment tools) that may be useful to communities impacted by goods movement activities. Access to these publicly available federal resources can equip and empower overburdened communities impacted by goods movement to build partnerships and improve conditions where they live, work, learn, and play.

This document reflects publicly available information that is current as of September 13, 2017. Possible future revisions to this document will attempt to ensure access to these resources remains current and to incorporate additional, relevant information.

[1] *See* Federal Interagency Working Group on Environmental Justice, *EJ IWG Framework for Collaboration: Fiscal Years 2016-2018* (March 2016), *available at* https://www.epa.gov/sites/production/files/2016-04/documents/ej_iwg_framework_for_collaboration_fy2016-2018_0.pdf (The term 'overburdened' is used to describe minority, low-income, tribal, or indigenous populations or geographic locations in the United States that potentially experience disproportionate environmental harms and risks due to exposures or cumulative impacts or greater vulnerability to environmental hazards).

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All Federal Agencies

Orders

- EO 12898: Federal Actions to Address Environmental Justice in Minority and Low-Income Populations (1994)
- EO 13274: Environmental Stewardship and Transportation Infrastructure Project Reviews (2002)
- EO 13423: Strengthening Federal Environmental, Energy, and Transportation Management (2007)
- EO 13693: Planning for Federal Sustainability in the Next Decade (2015)
- EO 13604: Improving Performance of Federal Permitting and Review of Infrastructure Projects (2012)

Guidance

- White House Council on Environmental Quality (CEQ), Environmental Justice Guidance Under the National Environmental Policy Act (1997)
  Guidance for federal agencies on considering environmental justice in the NEPA process.

U.S. Department of Agriculture

Agricultural Marketing Service

Reports

- A Reliable Waterway System is Important to Agriculture (periodic)
  Describes the importance of marine transportation to fiscal 2017 agricultural exports. Agriculture will provide a $21.5 billion trade surplus to the American economy, with imports forecast at $112.5 billion. Forestry and fishery products, and critical farm inputs such as fertilizer, feed, and fuel also move on the waterway system.
- Grain Transportation Report (weekly)
  U.S. agricultural producers rely on a transportation network that is reliable, efficient, and safe. The weekly Grain Transportation Report (GTR) provides the latest insights about market developments that affect grain shippers that use trucks, railcars, barges, and ocean vessels to ship their products to market.
- Study of Rural Transportation Issues (2010)
  Reviews transportation and its effect on rural communities, with an emphasis on agricultural transportation and looks in depth into each of the four major modes of transportation commonly used by agriculture in the United States: trucking, railroads, barges, and ocean vessels.

Webpages

- Transportation Research and Analysis webpage
  The Transportation Services Division (TSD) serves as the definitive source for economic analysis of agricultural transportation from farm to market. Tracking developments in truck, rail, barge, and ocean transportation, TSD provides information and analysis on the four major modes of moving food.

U.S. Department of Commerce

National Oceanic and Atmospheric Administration

Tools

- PORTS Tool (Physical Oceanographic Real-Time System)
  A decision support tool that improves the safety and efficiency of maritime commerce and coastal resource management through the integration of real-time environmental observations, forecasts and other geospatial information.

U.S. Department of Homeland Security

Strategies

- Environmental Justice Strategy (2012)
  Recognizing that the incorporation of environmental justice policies may be highly variable across parts of the Department depending on a component's mission, this Environmental Justice Strategy is intended to promote a comprehensive, consistent and adaptive strategy among our components.
- National Infrastructure Protection Plan (2009)
  The Plan provides the unifying structure for the integration of existing and future critical infrastructure and key resources protection efforts and resiliency strategies into a single national program to achieve this goal.

Reports

- Guidelines for Compliance of Commercial Motor Vehicles (CMV) and CMV Drivers Engaged in Cross-Border Traffic (2012)
  Provides general information for the movement of goods and immigration requirements for commercial motor vehicles (CMV) and CMV operators engaged in cross-border traffic.

Webpages

- Cargo Screening webpage
  Securing the global supply chain, while ensuring its smooth functioning, is essential to our national security and economic prosperity. Provides information on cargo screening.
- Free and Secure Trade Program (FAST) webpage
  The FAST program is a commercial clearance program for known low-risk shipments entering the U.S. from Canada and Mexico. This innovative trusted traveler/trusted shipper program allows expedited processing for commercial carriers who have completed background checks and fulfill certain eligibility requirements.
- Regional Resilience Assessment Program webpage
  The Program is a cooperative assessment of specific critical infrastructure within a designated geographic area and a regional analysis of the surrounding infrastructure to address a range of infrastructure resilience issues that could have regionally and nationally significant consequences.

Other

- Regional Resilience Assessment Program Fact Sheet
  Provides information on the Regional Resilience, Assessment program. The goal of the Program is to mitigate the Nation's risk of loss of life and physical and economic damage from natural and manmade hazards.

Coast Guard

Guidance

- National Pollution Fund Center: Guide for Oil and Hazardous Materials Spills
  A reference tool during an oil or hazardous materials spill incident for Coast Guard and EPA Federal On-Scene Coordinators. It includes all relevant Federal regulations and other documentation designed to make funding of recovery operations and recovery of Federal expenditures as efficient and easy as possible.

Customs and Border Protection

Orders

- CBP Directive 3270-007: Centralized Examination Stations (2012)
  Establishes Office of Field Operations policy relative to the selection, operation, and termination of Centralized Examination Stations (CES).

Guidance

- HB-3500-11 Bonded Warehouse Manual for Customs and Border Protection Officers and Bonded Warehouse Proprietors (2012)
  A comprehensive guide for understanding bonded warehouse operations in the United States. Bonded warehouses exist to fulfill an important role in international trade including the storage of imported cargo pending importation into and/or exportation from the United States.
- What Every Member of the Trade Community Should Know About Coastwise Trade Merchandise (2009) Identifies the laws and regulations that are to be adhered to by the trade community engaged in the coastwise transportation of merchandise.

Reports

- Advisory Committee on Commercial Operations (COAC): Export Mapping Work Group Education Package (2013)
  Uniquely discusses each export type and produces a presentation package containing a current state process map, with trade areas of opportunity and potential advance data issues identified, and initial trade solutions noted.
- Advisory Committee on Commercial Operations (COAC): Master Principles for a U.S. Government at the Border Cooperation for Exports (2014)
  The foundational principles required to position the U.S. to efficiently manage strategic cross border issues in a manner that reduces the cost of doing business and protects the economic security of the United States.
- Advisory Committee on Commercial Operations (COAC)'s One U.S. Government at the Border Subcommittee: Trade Import Mapping Working Group Findings (2014)
  The Working Group has identified opportunities to improve the current import process and provides its findings in this import map education package.

Webpages

- Carriers webpage
  Provides links to helpful cargo security information for air, land and sea carriers.
- C-TPAT: Customs-Trade Partnership Against Terrorism webpage
  Provide information about the C-TPAT program.
- How Do I Enter the United States as a Commercial Truck Driver webpage
  Provides information for commercial truck drivers entering the United States.
- Supporting Advisory Committees to the Basic Import and Export Committee webpage
  Provides information and links to various import and export advisory committees.

Other

- Advisory Committee on Commercial Operations (COAC)'s Automated Commercial Environment Update (2014)
  Automated Commercial Environment (ACE) is established as the Single Window for Government and the trade community. This is an update on ACE from the COAC.
- Container Security Initiative (CSI) Brochure (2011)
  CSI addresses the threat to border security and global trade posed by the potential terrorist use of a maritime container by deploying multidisciplinary teams to foreign seaports.
- Customs-Trade Partnership Against Terrorism (C-TPAT) Meeting the Supply Chain Security Challenges of a 21st Century Economy Brochure
  Brochure about the Customs-Trade Partnership Against Terrorism. Through this program, CBP works with the trade community to strengthen international supply chains and improve United States border security.
- How Cargo Flows Securely to the U.S.
  A map illustrating how cargo flows securely to the United States.

Federal Emergency Management Agency

Funding/Programs

- Flood Mitigation Assistance (FMA) Grant Program
  Provides general information on the FMA program. FMA provides funding to States, Territories, federally-recognized tribes and local communities for projects and planning that reduces or eliminates long-term risk of flood damage to structures insured under the National Flood Insurance Program.
- Port Security Grant Program
  The Port Security Grant Program plays an important role in the implementation of the National Preparedness System by supporting the building, sustainment, and delivery of core capabilities essential to achieving the National Preparedness Goal (the Goal) of a secure and resilient Nation.

U.S. Department of Health and Human Services

Centers for Disease Control and Prevention

Webpages

- Healthy People 2020
  Healthy People provides science-based, 10-year national objectives—including those on environmental health (EH)—for improving the health of all Americans.
- Healthy People 2020 Infrastructure and Surveillance Objective EH-23
  Reduce the number of public schools located within 150 meters of major highways in the United States.
- Healthy People 2020 Outdoor Air Quality Objective EH-3
  Reduce air toxic emissions to decrease the risk of adverse health effects caused by mobile, area, and major sources of airborne toxics.

Tools

- National Environmental Public Health Tracking Network
  A system of integrated health, exposure, and hazard information and data from a variety of national, state, and city sources. On the Network, you can view maps, tables, and charts with data about: chemicals and other substances found in the environment; some chronic diseases and conditions; the area where you live.

U.S. Department of Housing and Urban Development

Strategies

- Environmental Justice Strategy
  For HUD, EJ means equal access to safe and healthy housing for all; mitigating risks to communities in disaster-prone areas; providing access to affordable, accessible, quality housing free of hazards to residents' health; and working to achieve inclusive, sustainable communities free from discrimination.

Funding/Programs

- Community Compass Technical Assistance and Capacity Building Program
  The goal is to equip HUD's customers with the skills, tools, and knowledge to ensure effective program delivery and efficient stewardship of federal funds. The TA is designed to build the long-term operational systems and skill sets of customers so that once the TA ends, improved performance is sustained.
- Community Development Block Grants (CDBG)
  The Program provides annual grants on a formula basis to entitled cities and counties to develop viable urban communities by providing decent housing and a suitable living environment, and by expanding economic opportunities, principally for low- and moderate-income persons.
- Neighborhood Stabilization Program
  The Neighborhood Stabilization Program's purpose is to stabilize communities that have suffered from foreclosures and abandonment. Through the purchase and redevelopment of foreclosed and abandoned homes and residential properties, the goal of the program is being realized.

- Sustainable Communities Regional Planning Grants
  Supports locally-led collaborative efforts that bring together diverse interests from the many municipalities in a region to determine how best to target housing, economic and workforce development, and infrastructure investments to create more jobs and regional economic activity.

Webpages

- Environmental Review Training webpage
  Provides links to HUD's Environmental Reviews Training webinars. These webinars provide comprehensive information for grantees and staff on the various components of the environmental review process. All major topics are discussed by subject matter experts.
- HUD Environmental Review webpage
  Provides information and links regarding the environmental review process for HUD, including: 1) Orientation to Environmental Reviews; 2) Related Federal Environmental Laws and Authorities; 3) Environmental Review News & Announcements; and 4) Environmental Review Records.

Tools

- Acceptable Separation Distance Electronic Assessment Tool
  Calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located.
- Barrier Performance Module
  This module provides to the user a measure on the barrier's effectiveness on noise reduction.
- Day/Night Noise Level Calculator
  The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic.
- Sound Transmission Classification Assessment Tool
  The Sound Transmission Classification Assessment Tool (STraCAT) is a web-based application that automates and streamlines the completion of HUD's Figure 19 in The Noise Guidebook. That is the form that reports the noise mitigation performance of wall systems.
- Sound Transmission Classification Assessment Tool Users Guide (2010)
  A user's guide for the Sound Transmission Classification Assessment Tool.

U.S. Department of Transportation

Office of the Secretary of Transportation

Orders

- DOT Order 5301.1: Programs, Policies, and Procedures Affecting American Indians, Alaska Natives, and Tribes (1999)
  To ensure that programs, policies, and procedures administered by the Department of Transportation are responsive to the needs and concerns of American Indians, Alaska Natives, and tribes.
- DOT 5610.2(a): Updated Environmental Justice Order (2012)

  Sets forth the Department of Transportation (DOT) policy to consider environmental justice principles in all DOT programs, policies, and activities.

Policy

- DOT Environmental Justice Policy
  Department of Transportation's policy statement on environmental justice.

Guidance

- Guidance on State Freight Plans and State Freight Advisory Committees (2016)
  Provides guidance on the implementation of 49 U.S.C. 70201 (State Freight Advisory Committees) and 70202 (State Freight Plans), as established under the Fixing America's Surface Transportation Act (FAST Act; Pub. L. 114–94).

Strategies

- Beyond Traffic: Trends and Choices 2045 (2015)
  A draft survey of major forces impacting transportation and a discussion of potential solutions that can be adopted to address those forces.
- DOT Environmental Justice Strategy (2012)
  E.O. 12898 requires each Federal agency to develop a specific Agency-wide strategy for implementing the E.O. provisions.
- Draft National Freight Strategic Plan (2015)
  Aims to describe the freight transportation system and future demands on it; identify major corridors and gateways; assess physical, institutional, and financial barriers to improvement; and specify best practices for enhancing the system.

Reports

- A Guide to Transportation Decision-Making (2015)
  Informs you how the transportation decision-making process uses your input to create a safer, more efficient transportation system that supports your community.
- Public Involvement Techniques for Transportation Decision-Making (2015)
  This report gives agencies access to a wide variety of tools to involve the public in developing specific plans, programs, or projects through their public involvement processes.

Funding/Programs

- TIGER Discretionary Grants webpage
  The highly competitive Transportation Investment Generating Economic Recovery (TIGER) grant program supports innovative projects, including multi-modal and multi-jurisdictional projects, which are difficult to fund through traditional federal programs.

- Ladders of Opportunity Through the TIGER Grant Program
  Examples of past TIGER grant-funded transportation projects focused on more reliably, safely, and affordably connecting communities to centers of employment, education, and services, and that hold promise to stimulate long term job growth, especially in economically distressed areas.
- FASTLANE Grants webpage
  The FASTLANE program provides dedicated, discretionary funding for projects that address critical freight issues facing our nation's highways and bridges.

Tools

- Metropolitan Planning Organization (MPO) Database
  A searchable database of Metropolitan Planning Organizations.
- Transportation and Health Tool
  The tool provides data on a set of transportation and public health indicators for each U.S. state and metropolitan area that describe how the transportation environment affects safety, active transportation, air quality, and connectivity to destinations.
- Every Place Counts Leadership Academy Transportation Toolkit
  This Toolkit is a plain language explanation of the transportation decision-making process for educational and informational purposes. It is packed with information and resources that will be valuable to existing and emerging community leaders who want to explore the details of the transportation decision-making process.

Webpages

- Transportation Planning Capacity Building Program webpage
  This comprehensive program for training, technical assistance, and support targets State, local, regional, and Tribal governments, transit operators, and community leaders.
- Volpe National Transportation Systems Center webpage
  Volpe partners with public and private organizations to assess the needs of the transportation community, evaluate research and development endeavors, assist in the deployment of state-of-the-art transportation technologies, and inform decision- and policy-making through comprehensive analyses.
- DOT Livable Communities webpage
  DOT's livable communities initiative considers how to pursue coordinated, place-based policies and investments that increase transportation choices and access to public transportation services for all Americans.
- Fixing America's Surface Transportation Act (FAST Act) webpage
  Federal law providing long-term funding certainty for surface transportation.
- Maritime Sustainability Initiatives webpage
  Provides background information on the Maritime Environmental Technical Assistance Initiative (META); the marine Highway System; and the Ship Disposal Program.
- Federal Intelligent Transportation Systems (ITS) Program webpage
  Provides an overview of the applications addressed by the Federal Intelligent Transportation Systems (ITS) program and contains links to various information resources that will be useful in the planning and deployment of ITS. Click on an icon to get more information about an ITS application area.
- Freight Transportation at the U.S. DOT webpage
  A compilation of major webpages and other resources at DOT Agencies dedicated to freight transportation.
- National Freight Advisory Committee webpage

To help DOT promote a safe, economically efficient, and environmentally sustainably freight transportation system, the Department's National Freight Advisory Committee (NFAC) provides advice and recommendations to the Secretary on matters related to freight transportation in the United States.

- Ladders of Opportunity Overview webpage
  Provides information on Ladders of Opportunities, which was created to revitalize, connect and create workforce opportunities that lift more Americans into the middle class.

Other

- FAST Act Freight Provisions Fact Sheet
  The fact sheet details a number of provisions in the FAST Act focused on ensuring the safe, efficient, and reliable movement of freight.
- FAST Act - Ladders of Opportunities Fact Sheet
  The fact sheet details a number of provisions in the FAST Act intended to improve transportation options, redevelop communities, and expand employment opportunities --particularly for low-income individuals, minorities, and persons with disabilities.

Federal Highway Administration

Orders

- Order 6640.23(A), FHWA Actions to Address Environmental Justice in Minority Populations and Low-Income Populations
  Establishes policies and procedures for FHWA to use in complying with Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.

Guidance

- EJ Reference Guide (2015)
  A comprehensive reference guide to help FHWA staff ensure compliance with EJ requirements when developing and evaluating FHWA projects; and to help practitioners to better incorporate EJ in every phase of the transportation decision-making process.
- Interim Guidance Update on Mobile Source Air Toxic Analysis in NEPA Documents (2012)
  Guidance that advises FHWA Division offices on when and how to analyze Mobile Source Air Toxics (MSAT) under the National Environmental Policy Act (NEPA) review process for highway projects.
- FHWA/FTA Livability in Transportation Guidebook
  Illustrates how livability principles have been incorporated into transportation planning, programming, and project design, using examples from State, regional, and local sponsors.
- FHWA Guidance on EJ and NEPA (2011)
  This guidance advises FHWA offices on the process to address EJ during the NEPA review, including documentation requirements.
- FHWA EJ Emerging Trends and Best Practices Guidebook (2011)
  Documents several case studies that provide an in depth analysis and understanding of the responsibilities, opportunities, and benefits from addressing EJ in transportation planning and project implementation.
- FHWA Scenario Planning Guidebook (2011)
  The guidebook assists transportation agencies with using scenario planning to address transportation issues, land-use changes, population growth or declining growth, as well as other topics that are important to the state, region, community, or study area, including climate change and uses of alternative energy.

- Supporting Performance-Based Planning and Programming through Scenario Planning (2016)
  This guidebook focuses on how scenario planning can be used to support and advance the practice of performance-based planning and programming.
- Guidebook for State, Regional, and Local Governments on Addressing Potential Equity Impacts of Road Pricing (2013)
  Assists transportation agencies to better assess and mitigate perceived and potential equity impacts of road pricing projects on local communities, commuters, and system users.
- An Agency Guide on How to Establish Localized Congestion Mitigation Programs (2011)
  Aids agencies in establishing either ad hoc or annualized programs that address localized congestion, much in the same way that an annualized safety-spot program would address localized safety issues.
- Guide for Highway Capacity and Operations Analysis of Active Transportation and Demand Management Strategies (2013)
  The Guide is designed to assist engineers and planners in evaluating the traffic operations effects of various ATDM strategies on a specific facility and to determine which combination of strategies best achieves a desired operational goal for a facility.
- An Agency Guide on Overcoming Unique Challenges to Localized Congestion Reduction Projects (2011)
  Guidance to state and local transportation personnel on how to overcome barriers and challenges to implementation of localized congestion relief projects. Examples of institutional, design, funding and safety challenges that agencies face when trying to develop unique solutions to localized congestion problems.
- National Highway Freight Program Implementation Guidance (2016)
  Among the FAST Act provisions which support goods movement and the U.S. economy is a new formula program for freight projects. The Guidance provides policy direction on the program and provides information on funding, eligible activities, and specific requirements.
- Integrating Freight into NEPA Analysis (2010)
  The purpose of this handbook is to provide information on how to integrate freight considerations into the NEPA process and analysis. This handbook is designed for NEPA practitioners as well as those interested in advancing freight projects.
- Quick Response Freight Manual II (2007)
  The Manual addresses freight issues at different levels of analysis, including predicting the number and temporal distribution of truck trips to and from specific locations.
- Collaborative Problem Solving: Better and Streamlined Outcomes for All (2006)
  This guidance presents strategies for managing conflict and identifying issues that may arise during the transportation project development and environmental process reviews under the National Environmental Policy Act (NEPA) and related laws.
- Interim Program Guidance, The Congestion Mitigation and Air Quality (CMAQ) Improvement Program Under the Moving Ahead for Progress in the 21st Century Act (2013)
  This guidance replaces the October 2008 edition and provides information on the CMAQ program.
- Community Impact Assessment: A Quick Reference for Transportation (1996)
  This guide was written as a quick primer for transportation professionals and analysts who assess the impacts of proposed transportation actions on communities. It outlines the community impact assessment process, highlights critical areas that must be examined, identifies basic tools and information sources.

Reports

- Air Quality and Congestion Mitigation Measure Outcomes Assessment Study: Summary Report of Findings (2014)
  Summary of the outcomes of actions funded under the CMAQ program since the enactment of SAFETEA-LU.
- Air Quality and Congestion Mitigation Measure Outcomes Assessment Study: Final Technical Report (2014)
  Details on study methodologies, case study results, and findings actions funded under the CMAQ program since the enactment of SAFETEA-LU.
- CMAQ Assessment Study Report
  The goals of this study are to assess emission reductions and human health outcomes of surface transportation actions, increase the knowledge of factors determining the human health changes associated with these transportation actions, and assess the validity of estimation and modeling routines.
- FHWA and EPA National Near-Road Study Las Vegas (2011)
  The objective of this research study has been to determine mobile source air toxic (MSAT) concentrations and variations in concentrations as a function of distance from the highway and to establish relationships between MSAT concentrations as related to highway traffic flows.
- FHWA and EPA National Near-Road Study Detroit (2013)
  The objective of this research study has been to determine mobile source air toxic (MSAT) concentrations and variations in concentrations as a function of distance from the highway and to establish relationships between MSAT concentrations as related to highway traffic flows.
- Moving Healthy: Linking FHWA Programs and Health (2013)
  This document provides information on Federal Highway Administration (FHWA) programs, initiatives, tools, and resources that influence or are influenced by health.
- Small Communities Benefits: Innovative Traffic Management Practices in Small Communities (2002)
  Small communities have become adept at finding progressive and innovative traffic management solutions that are compatible with their more modest financial and human resources. This document highlights some achievements of these small communities and shares their traffic management practices and success stories.
- How to Engage Low-Literacy and Limited-English-Proficiency Populations in Transportation Decision-Making (2006)
  Documents “best practices” for identifying and engaging low-literacy and limited English-proficiency (LEP) populations in transportation decision-making.
- Public Involvement Techniques
  This is a reference work that makes a wide variety of public involvement techniques available to transportation agencies.
- Integrating Context Sensitive Solutions in Transportation Planning (2007)
  Documents the findings from emerging successful practices, case studies, and policy guidance that integrate CSS principles in the transportation planning process.
- Context Sensitive Solutions Primer
  Provides community leaders, elected officials, managers, and transportation practitioners with information to develop a deeper understanding of the context sensitive approach. The purpose is to highlight the value of these approaches and identify practical ways in which agencies can incorporate CSS principles
- FHWA Freight and Land Use Handbook (2012)

Provides transportation and land use planning practitioners in the public and private sectors with the tools and resources to properly assess the impacts of land use decisions on freight movements, as well as the impacts of freight development and growth on land use planning goals.

- A Guide to Measuring Progress in Linking Transportation Planning and Environmental Analysis (2009)
  Intended to help State Departments of Transportation, metropolitan planning organizations, and local transportation agencies develop individual programs to measure success toward linking transportation planning and environmental analysis.
- FHWA Flexibility in Highway Design (1997)
  This Guide is about designing highways that incorporate community values and are safe, efficient, effective mechanisms for the movement of people and goods.
- The Role of FHWA Programs in Livability: State of the Practice (2011)

  Highlights the current state of the practice for implementing livability principles within the context of the Federal-aid highway program, discusses challenges, and provides strategies to more effectively incorporate livability principles.

- Traffic Congestion and Reliability: Trends and Advanced Strategies for Congestion Mitigation (2005)
  Provides a snapshot of congestion in the United States by summarizing recent trends in congestion, highlighting the role of travel time reliability in the effects of congestion, and describing efforts to reduce the growth of congestion.
- Recurring Traffic Bottlenecks: A Primer – Focus on Low-Cost Operational Improvements (2012)
  While many of the nation's bottlenecks are addressed through costly major construction projects there is a significant opportunity for the application of operational and low-cost "fixes" at spot-specific locations.
- Eco-Logical: An Ecosystem Approach to Developing Infrastructure Projects (2006)
  Puts forth the conceptual groundwork for integrating plans across agency boundaries, and endorses ecosystem-based mitigation – an innovative method of mitigating unavoidable infrastructure impacts.
- Assessing the Effects of Freight Movement on Air Quality at the National and Regional Level (2005)
  The report draws on a variety of existing studies and data sources and develops new emissions estimates to fill data gaps. The study findings were documented in six detailed technical memoranda. This report presents selected highlights from those memoranda.
- Transportation Planning Process Briefing Book: Key Issues for Transportation Decision makers, Officials, and Staff (2015)
  Provides an overview of transportation planning. It covers the basics and key concepts of metropolitan and Statewide transportation planning, along with references for additional information.

Funding/Programs

- Congestion Mitigation and Air Quality Improvements (CMAQ) Program webpage
  The CMAQ program was implemented to support surface transportation projects and other related efforts that contribute air quality improvements and provide congestion relief.
- Recreational Trails Program webpage
  Provides funds to the States to develop and maintain recreational trails and trail-related facilities for both non-motorized and motorized recreational trail uses.
- Transportation Alternatives Set Aside Implementation Guidance (2016)

These set-aside funds encompass a variety of smaller-scale transportation projects such as pedestrian and bicycle facilities, recreational trails, safe routes to school projects, and environmental mitigation related to stormwater and habitat connectivity.

- FAST Act Fact Sheets webpage
  Fact sheets about various FAST Act programs.
- Pedestrian and Bicycle Funding Opportunities webpage
  A table indicating potential eligibility for pedestrian and bicycle projects under DOT's surface transportation funding programs.
- Financing Freight Improvements Report
  A resource for FHWA, states, metropolitan planning organizations, and other parties involved in the identification of freight needs, development of financing plans to fund projects designed to address these needs, and involved in the actual delivery of an eligible project.

Tools

- PlaceFit Community Characteristics Database
  The PlaceFit Tool provides access to a variety of existing websites based on livability characteristics that may appeal to your lifestyle choices. This investigative tool can help you identify communities with characteristics that appeal to your needs or for comparing how your current community compares to others.
- PlanWorks tool
  Supports collaborative decision-making in transportation planning and project development. PlanWorks suggests when and how to engage cross-disciplinary partners and stakeholder groups. This system can help build consensus throughout these processes.
- Invest (Infrastructure Voluntary Evaluation Sustainability Tool)
  A web-based self-evaluation tool comprised of voluntary sustainability best practices, called criteria, which cover the full lifecycle of transportation services, including system planning, project planning, design, and construction, and continuing through operations and maintenance.
- DOT Public Involvement Reference Tool
  A technical resource for transportation professionals and the public. The reference tool is designed to help you find specific public involvement documents, discover and share best practices, and to assist State transportation agencies (STAs) to improve their transparency, efficiency, and accountability.
- Community Vision Metrics Tool
  This resource is designed for transportation, land use, and community planners to identify ways to measure the success of plans and projects in light of community goals.
- Tool Kit for Integrating Land-Use and Transportation Decision-Making
  Provides a user-friendly, web-based source of methods, strategies, and procedures for integrating land use and transportation planning, decision-making, and project implementation.
- Environmental Review Toolkit
  The Environmental Review Toolkit is a one-stop resource for information and updates about transportation and environment. The Toolkit provides up-to-date information on transportation and environment policy, guidance, best practices, and training.
- Geofreight: Intermodal Freight Display Tool
  The tool graphically displays geographic relationships between freight movements and infrastructure and assists freight policymakers and planners in identifying the flows of freight across the nation and in assessing the current and potential major freight bottlenecks in the U.S. transportation system.
- Freight Analysis Framework

Integrates data from a variety of sources to create a comprehensive picture of freight movement among states and major metropolitan areas by all modes of transportation.

- Data Sources Related to Freight Transport webpage
  Provides links to major sources of national freight transportation data.

Webpages

- EJ Frequently Asked Questions webpage
  To foster greater awareness of environmental justice considerations in transportation activities, the webpage posts general Questions and Answers addressing the basics on environmental justice for FHWA actions.
- Near-Road Study webpage
  The FHWA, in conjunction with US EPA and a consortium of State departments of transportation, are studying the concentration and physical behavior of MSAT, mobile source PM 2.5, and other criteria pollutants.
- FHWA Guidance Documents webpage
  Links to FHWA guidance documents concerning planning, environment, realty, and cross-cutting issues.
- Sustainable Highways Initiative webpage
  The Sustainable Highways Initiative supports programs and activities conducted across FHWA to facilitate balanced decision-making among environmental, economic, and social values — the triple bottom line of sustainability.
- FHWA Health in Transportation webpage
  This webpage is designed to be a comprehensive resource on the linkages between transportation and health. Linking health and transportation brings together transportation professionals and health practitioners in a collaborative process to improve transportation decisions.
- Travel Demand Management Toolbox webpage
  The Travel Demand Management Toolbox provides resources to help manage traffic congestion by better managing demand. These resources include publications, web links, and training offerings. The toolbox will be continuously updated as resources become available.
- EJ Resources webpage
  Provides information on various environmental justice and Title VI resources to help users gain a better understanding of EJ. The website features EJ webinar recordings; sections on the history of EJ; and a discussion on EJ, Title VI, Non-Discrimination, and Equity.
- Urban Goods Movement webpage
  The FHWA maintains links to various case studies and other resources on urban goods movement.
- Livable Communities Discussion Board
  An online community of practitioners in public, private, and non-profit agencies and organizations at the local, State, and Federal levels, who participate in discussion threads and engage with colleagues on questions and ideas related to livable communities.
- Livability Fact Sheets webpage
  A series of fact sheets providing information and examples of how considering livability during the transportation decision-making process can benefit communities.
- FHWA Eco-Logical webpage
  The Eco-Logical approach organizes current methods for addressing natural resource identification, avoidance, minimization and mitigation into a systematic, step-wise process that starts at the beginning of the transportation planning process and concludes with establishing programmatic approaches.

- Federal Aid Essentials webpage
  The Federal-aid Essentials site contains a resource library of informational videos and related materials. Topics include: Civil Rights; Environment; Finance; Right-of-Way; Project Development; and Project Construction and Contract Administration.
- National Highway Freight Network webpage
  Background information and resources related to the National Highway Freight Network.
- Jason's Law Truck Parking Survey Results and Comparative Analysis webpage
  Survey results and analysis regarding the commercial motor vehicle parking shortage at public and private facilities along the National Highway System.
- Truck Parking webpage
  Background information and resources regarding the national truck parking shortage issue.
- Truck Size and Weight webpage
  A resource of information on truck size and weight Federal standards and guidelines, state enforcement activities, reporting requirements, and contacts.
- FAST Act Guidance webpage
  Links to various FAST Act guidance documents and regulations.
- Transportation and Environmental Justice webpage
  An overview of environmental justice in the context of transportation decision-making.
- Freight Model Improvement Program webpage
  A collaborative effort of the transportation research community, technology vendors, consultants, and public agencies to improve the state-of-the-art and the state-of-the-practice in freight-demand models and their application to transportation policy and planning in federal, state, and local governments.
- National Transportation Library
  The National Transportation Library (NTL) was established to provide national and international access to transportation information, coordinate information creation and dissemination, and provide reference services for DOT employees and stakeholders. NTL was established and run as an all-digital library program.
- Freight Performance Measurement webpage
  FHWA has published a rulemaking that proposes new performance measures to assess system performance, freight movement, and the CMAQ program.
- Freight Congestion webpage
  Provides links to information resources on congestion and its effects.
- Talking Freight Seminar Archives
  Provides a convenient and no-cost way for transportation practitioners to broaden their freight knowledge base and develop new skills. Seminars are held via web conference on a monthly basis throughout the year and are open at no cost to all interested parties in both the public and private sectors.
- Infrastructure webpage
  Links to DOT major freight programs.
- Freight Analysis, Data, and System Performance webpage
  Links for FHWA webpages on topics related to freight analysis, data, and system performance.
- Freight Policy, Planning, and Finance webpage
  Links for FHWA webpages on freight topics related to economics; environment; funding; planning; and policy.
- Freight Environment webpage
  Links to studies examining the relationship between freight transportation and the environment.

- Freight Policy Studies webpage
  Links to studies of highway condition and performance, cost allocation, truck size and weight limits, the economic consequences of highway investments, and other policy topics.
- Freight Resources webpage
  Links to various freight resources, including books, publications, and technical assistance.
- Tribal Transportation Planning Capacity Building webpage
  The Tribal Planning focus area page is a one-stop shop for resources about tribal transportation planning, consultation, and coordination. It includes links to publications, legislation and guidance, recent peer events, upcoming calendar events, and related websites.
- Environmental Guidebook webpage
  This site provides information on a variety of environmental and transportation planning topics and includes the following resources for each topic you choose: FHWA Contact Information; FHWA Policy and Guidance; Transportation and Environment Websites; Related Documents.

Other

- Memorandum: Clarification of Transportation Conformity Requirements for FHWA/FTA Projects Requiring Environmental Impact Statements (2003)
  Clarifies how full compliance with the Clean Air Act transportation conformity requirements is to be achieved for FHWA and FTA projects requiring environmental impact statements (EIS) under the National Environmental Policy Act (NEPA).
- Environmental Mitigation in Transportation Planning Case Studies (2009)
  This report presents and synthesizes the findings from nine case studies that examine a spectrum of environmental mitigation strategies, policies, and activities transportation agencies have undertaken to meet the new requirements.
- Memorandum: Implementing Title VI Requirements in Metropolitan and Statewide Planning (1999)
  The purpose of this memorandum is to issue clarification in implementing Title VI of the 1964 Civil Rights Act (42 U.S.C. 2000d-1) and related regulations, The President's Executive Order on Environmental Justice, the U.S. DOT Order, and the FHWA Order.
- Statewide Transportation Planning for Healthy Communities (2014)
  A white paper presenting insights and a flexible framework for State Departments of Transportation (DOTs) that choose to integrate public health considerations into their transportation planning and decision-making.
- EJ NEPA Case Studies
  Provides several best practice case studies for conducting EJ analysis during the environmental review process. The case studies are from various parts of the Country, and reflect widely varying situations.
- USDOT Transportation and EJ Case Studies (2000)
  These cases show that, when properly implemented, environmental justice principles can improve all levels of transportation decision making — from the first thought about a transportation plan through project development, right-of-way, construction, and operations and maintenance.
- Frequently Asked Questions Conducting Quantitative MSAT Analysis for FHWA NEPA Documents
  Provides information on how FHWA recommends that project sponsors can use MOVES for NEPA MSAT analysis including: a) defining the scope of MOVES work; b) gathering input data; and c) post-processing results.
- Air Quality Technical Assistance
  The Air Quality Technical Service Team works closely with FHWA Headquarters, field offices and other Federal agencies to provide technical assistance, technology deployment and training to partners and customers in the field of transportation and air quality.

- Civil Rights Technical Assistance
  The Civil Rights Technical Service Team works in partnership with our Headquarters Office of Civil Rights to develop, promote and implement new policies, guidance, technologies, and National Initiatives to advance the FHWA/State Transportation Agency (STA) civil rights programs.
- Environment Technical Assistance
  Provides information the types of technical assistance training, workshops, and seminars available through FHWA's Resource Center.
- Planning and Freight Technical Assistance
  The Planning and Freight Technical Service Team at the Federal Highway Administration (FHWA) Resource Center helps support the planning process through the provision of training, technical assistance, technology deployment, and partnerships.

Federal Transit Administration

Funding/Programs

- New Starts/Small Starts Capital Investment Program
  Funds light rail, heavy rail, commuter rail, streetcar, and bus rapid transit projects.

Maritime Administration

Guidance

- 2011 Guidelines for the Control and Management of Ships Biofouling to Minimize the Transfer of Invasive Aquatic Species
  Resolution of the International Maritime Organization's Marine Environmental Protection Committee to reduce the transfer of invasive aquatic species by shipping.

Reports

- MARAD, A Modal Comparison of Domestic Freight Transportation Effects on the General Public (2007)
  Report on segments of the Inland Waterway System of the United States and the economic, environmental, societal, and safety impacts of utilizing barge transportation in comparison to highway and rail transportation.
- An Evaluation of Maritime Policy in Meeting the Commercial and Security Needs of the United States (2009)
  Report on adequacy of maritime policy in meeting the commercial, economic, security, and environmental needs of the United States in the next three decades.
- Puget Sound Clean Air Agency Project Report (2015)
  Report on the Cooperative Agreement between MARAD and the Puget Sound Clean Air Agency to modify a tugboat to reduce vessel emissions, identify emission reduction opportunities, and identify possible incentives to promote meaningful emission reductions and energy efficiencies in the Puget Sound Area.
- Natural Gas for Waterborne Freight Transport: A Life Cycle Emissions Assessment with Case Studies (2014)
  Report evaluating the total fuel cycle emissions associated with natural gas as a marine fuel and to compare emissions from liquefied natural gas (LNG) or compressed natural gas (CNG) to petroleum marine fuels.
- Renewable Diesel for Marine Application (2013)
  Report on shipboard tests of renewable diesel as an alternative fuel in commercial vessels.
- Waterways Report - Working for America

Summary of highlights of 2009 report "A Modal Comparison of Freight Transportation Effects on the General Public."

- America's Marine Highway Report to Congress (2011)
  Report to Congress by MARAD regarding the potential contributions of the America's Marine Highway program to the following objectives: improving the economic competitiveness of the U.S.; providing an environmentally sustainable transportation system; and improving public safety and security.
- Panama Canal Expansion Study - Phase I Report (2013)
  Report regarding the expansion of the Panama Canal and the anticipated economic and infrastructure impacts on U.S. ports and port-related freight transportation infrastructure.
- American Marine Highway Design Project - Final Report (2011)
  Report on the types of vessels best suited for transportation of cargoes along the American Marine Highways to promote the national goals of reducing congestion, pollution, and wear and tear from large tractor trailers on the nation's highway system.

Funding/Programs

- MARAD TIGER Grants webpage
  To date, MARAD has been assigned 24 port projects which are spread among 16 states. These grants are supporting new Marine Highway services, adding capacity to ports, and improving shore-side linkages to inland markets.
- MARAD Small Shipyard Grants
  Website provides information on Small Shipyard Grant Program for capital and related improvements to qualified shipyard facilities that will be effective in fostering efficiency, competitive operations, and quality ship construction, repair and reconfiguration.
- Maritime Environmental and Technical Assistance (META) Program webpage
  MARAD's META Program promotes the research, demonstration, and development of technologies and processes that improve maritime industry environmental sustainability. MARAD partners with Federal, state, and local agencies, the maritime industry and academia, to develop and carry out projects.
- America's Marine Highways Program webpage
  Program to expand the use of our Nation's navigable waterways to relieve landside congestion, reduce air emissions, and generate other public benefits by increasing the efficiency of the surface transportation system.

Webpages

- Office of the Environment webpage
  The office serves three primary functions: 1) provides environmental support, including Agency compliance with applicable environmental laws and regulations; 2) provides marine transportation stakeholder support and assistance; and 3) provides DOT advice on maritime transportation environmental and energy policy.
- Office of Port Infrastructure Development and Congestion Mitigation webpage
  The Office of Port Infrastructure Development & Congestion Mitigation was established to assist with port, terminal, waterway, and transportation network development issues.
- MARAD Gateway Offices webpage
  Webpage for MARAD offices at major U.S. gateway ports on the West, East, and Gulf Coasts, the Great Lakes, and the inland river system.

Other

- MARAD America's Marine Highways Fact Sheet
  Provides summary of the America's Marine Highways program and its public benefits.
- SOCP/MARAD Energy Efficiency White Paper - Press Release
  Summary of the energy efficiency white paper for marine vessels that provides a basis upon which owners and operators can evaluate potential investments in efficiency measures and technologies.
- Establishing Ballast Water Test Facilities (2011)
  Article regarding technologies to address environmental challenges brought by species invasion via ship ballast water.
- Energy Efficiency White Paper (2016)
  White paper for marine vessels that provides a basis upon which owners and operators can evaluate potential investments in efficiency measures and technologies.
- Presentation on 2011 Guidelines for the Control and Management of Ships' Biofouling to Minimize the Transfer of Invasive Aquatic Species
  PowerPoint presentation regarding the guidelines for the control and management of ships' biofouling to minimize the transfer of invasive aquatic species.
- Military to Mariners Program
  Program to connect Veterans to careers in the U.S. Merchant Marine.

National Highway Transportation Safety Administration

Webpages

- Community Traffic Safety Resource Center webpage
  The Community Traffic Safety Resource Center is a support system for a nationwide network of traffic safety coalitions, partners and communities.

Federal Motor Carrier Safety Administration

Guidance

- A Motor Carrier's Guide to Improving Highway Safety (2009)
  Provides educational and technical assistance to the motor carrier industry and basic guidance on the Federal Motor Carrier Safety Regulations. This guide is comprised of eleven parts, each containing a specific safety regulation topic that is covered in the FMCSRs.
- Pocket Guide to Large Truck and Bus Statistics (2016)
  Compilation of FMCSA data on large trucks and buses.

Tools

- Company Snapshot database
  A concise electronic record of a company's identification, size, commodity information, and safety record, including the safety rating (if any), a roadside out-of-service inspection summary, and crash information. The Company Snapshot is available via an ad-hoc query (one carrier at a time) free of charge.
- Company Safety Profile database
  Contains safety-related information on an individual Company's operation, including selected items from inspection reports and crash reports and the results of any reviews or enforcement actions involving the requested company.
- SAFER System
  Offers company safety data and related services. Users can search FMCSA databases, order company safety profiles, challenge FMCSA data, access the Hazardous Material Route registry, obtain National Crash rates for Hazmat Permit Registration, and find information about other FMCSA Information Systems.

Webpages

- Safety webpage
  Links to safety and security initiatives, resources and regulations that can aid in reducing crashes, injuries and fatalities involving large trucks and buses.

Federal Railroad Administration

Guidance

- How to Create a Quiet Zone (2012)
  Guidance on the creation of Quiet Zones.
- Hazardous Materials Compliance Manual (2011)
  This discipline-specific manual provides guidance for Federal and State hazardous materials inspectors regarding inspection and investigative activities when evaluating regulated entities' compliance with Federal laws and regulations pertaining to the transportation of hazardous materials.

Funding/Programs

- Grants & Loans webpage
  Lists a variety of competitive grant, dedicated grant, and loan programs to develop safety improvements, relieve congestion, and encourage the expansion and upgrade of passenger and freight rail infrastructure and services. FRA also provides training and technical assistance.
- Railroad Safety Infrastructure Improvement Grant webpage
  Provides funding assistance to improve the safety of rail infrastructure, including intermodal, rail yards, maintenance and repair shops, grade separations, and establishment of quiet zones.

Tools

- Safety Analysis Web Site
  The purpose of this site is to make railroad safety information including accidents and incidents, inventory and highway-rail crossing data readily available to the public.

Webpages

- The Train Horn Rule and Quiet Zones webpage
  Background information and resources on the Train Horn Rule and Quiet Zones.
- Railroad Crossing Safety & Trespass Prevention webpage
  Background information and resources on railroad crossing safety.
- Railroad Safety for Law Enforcement, Emergency Response Services, and Emergency Dispatchers webpage
  Resources on law enforcement, emergency response, and emergency dispatchers for rail safety.
- Chronology of DOT Actions on Safe Transportation of Flammable Liquids by Rail webpage
  Provides timeline of DOT actions regarding safe transportation of flammable liquids by rail.
- Environment webpage
  Background information and links to resources on the FRA NEPA Reviews and Noise & Vibration issues.

Others

- Federal Railroad Administration, Guide to the Quiet Zone Establishment Process (2013)

U.S. Environmental Protection Agency

Guidance

- Procedures for Emission Inventory Preparation – Vol IV: Mobile Sources (1992)
  This document presents specific methods that can be used to identify sources, estimate emissions, and establish and maintain a useful, current mobile source emissions inventory to assist the states in meeting the requirements for emission inventory development.
- Guidance for Quantifying and Using Long Duration Truck Idling Emission Reductions in State Implementation Plans and Transportation Conformity (2004)
  Guidance on quantifying emission reductions from technologies which reduce long duration truck idling emissions from Class 8 trucks included in the state's on-road mobile sources inventory.
- Guide to Sustainable Transportation Performance Measures (2011)
  Describes opportunities to incorporate environmental, economic, and social sustainability into transportation decision-making through the use of performance measures. Performance measures allow decision-makers to quickly observe the effects and monitor trends of a proposed transportation plan or project.
- Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in $PM_{2.5}$ and PM_{10} Nonattainment and Maintenance Area (2015)
  Describes how to complete quantitative hot-spot analyses for certain highway and transit projects in PM2.5 and PM10 (PM) nonattainment and maintenance areas. This guidance describes transportation conformity requirements for hot-spot analyses, and provides technical guidance on estimating project emissions.
- Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in $PM_{2.5}$ and PM_{10} Nonattainment and Maintenance Areas – Appendices (2015)

  Additional information related to EPA's *Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in $PM_{2.5}$ and PM_{10} Nonattainment and Maintenance Area* (2015).

- Final Guidance for Consideration of Environmental Justice in Clean Air Act 309 reviews (1999)
  This document provides guidance to EPA on reviewing and commenting on other federal agencies National Environmental Policy Act (NEPA) documents to help ensure that environmental effects on minority communities and low-income communities have been fully analyzed.
- Guidance for Incorporating Environmental Justice Concerns in EPA's NEPA Compliance Analyses (1998)
  This document serves as a guidance to incorporate environmental justice goals into EPA's preparation of environmental impact statements (EISs) and environmental assessments (EAs) under NEPA.
- Transportation Conformity Guidance for 2008 Ozone Nonattainment Areas (2012)
  This document provides guidance for meeting transportation conformity requirements in areas designated nonattainment for the 2008 ozone national ambient air quality standards ("2008 ozone NAAQS"). It also addresses the revocation of the 1997 ozone NAAQS for transportation conformity purposes.
- Transportation Conformity Guidance for 2012 PM 2.5 Nonattainment Areas (2015)
  This document provides guidance for meeting transportation conformity requirements in areas designated nonattainment for the 2012 primary annual PM2.5 national ambient air quality standards ("2012 PM2.5 NAAQS").
- Guidance for Developing Transportation Conformity State Implementation Plans (SIPs) (2009)

This document provides guidance on the statutory and regulatory requirements for states to develop conformity state implementation plans (conformity SIPs). A conformity SIP includes a state's specific criteria and procedures for certain aspects of the transportation conformity process.

- Guidance for Quantifying and Using Long Duration Switch Yard Locomotive Idling Emission Reductions in State Implementation Plans (2009)
  The purpose of this document is to provide you with guidance on quantifying emission reductions from technologies which reduce long duration switch yard locomotive (SYL) idling emissions.
- Comparing Methodologies to Assess Transportation and Air Quality Impacts of Brownfields and Infill Development (2001)
  This document discusses four methodologies to quantify the air quality benefits associated with infill development.
- Guidance for Transportation Conformity Implementation in Multi-Jurisdictional Nonattainment and Maintenance Areas (2012)
  This guidance describes how transportation conformity determinations are done in areas where multiple metropolitan planning organizations (MPOs), states, and/or other agencies have jurisdiction in a nonattainment or maintenance area.
- Guidance for Implementing the Clean Air Act Section 176(c)(8) Transportation Control Measure Substitution and Addition Provision (2009)
  The purpose of this document is to provide nonattainment and maintenance areas with guidance on implementing the transportation control measure (TCM) substitution and addition provision contained in the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU).
- Guidance for the Use of Latest Planning Assumptions in Transportation Conformity Determinations (2008)
  EPA and DOT are issuing this guidance jointly to clarify our expectations for implementing the transportation conformity rule's latest planning assumptions requirements. This guidance also reiterates EPA's expectations for using latest planning assumptions in the development of motor vehicle emissions budgets in SIPs.
- Using MOVES2014 in Project-Level Carbon Monoxide Analyses (2015)
  The purpose of this guidance is to describe how to use the MOVES2014 emissions model to estimate carbon monoxide (CO) emissions from transportation projects, including roadway intersections, highways, transit projects, parking lots and intermodal terminals.
- Transportation Conformity Guidance for Areas Reaching the End of the Maintenance Period (2014)
  This guidance explains when transportation conformity requirements end for maintenance areas.
- Diesel Retrofits: Quantifying and Using Their Emission Benefits in SIPs and Conformity (2014)
  The purpose of this document is to provide guidance on quantifying and using emission reductions from on-road and non-road diesel vehicles, engines, and equipment that have been retrofitted with emission reduction technology.
- Commuter Programs: Quantifying and using Their Emission Benefits an SIPs and Conformity, Guidance for State and Local Air Agencies (2014)
  The purpose of this guidance is to help states or agencies1 estimate the emission benefits of commuter programs and, under appropriate circumstances, take credit for them in SIPs and conformity determinations.
- Improving Air Quality Through Land Use Activities (2001)
  The goal of this guidance is to assist air quality and transportation planners in accounting for the air quality impacts of land use policies and projects which state and local governments voluntarily adopt.

- Guidance for the Implementation of Accelerated Retirement of Vehicles Programs (1993)
  The purpose of this document is to provide guidance to States that are interested in developing criteria and procedures for the implementation and administration of scrappage programs. It discusses scrappage programs and specifies a base methodology for the calculation of MERCs from such programs.
- Technical Support for Development of Airport Ground Support Equipment Emission Reductions (1999)
  This document examines the control measures available to reduce emissions from one component of airport emissions, ground support equipment, and to recommend methodologies to quantify the reductions associated with implementing those control measures.
- Implementing Clean Air Act Section 182(d)(1)(A): Transportation Control Measures and Transportation Control Strategies to Offset Growth in Emissions Due to Growth in Vehicle Miles Travelled (2012)
  The document is intended to provide guidance to Severe and Extreme ozone nonattainment areas on how to address Clean Air Act (CAA) section 182(d)(1)(A).
- Guidance on Incorporating Voluntary Mobile Source Emission Reduction Programs in State Implementation Plans (1997)
  Guidance on granting of explicit SIP credit for Voluntary Mobile Source Emission Reduction Programs. Voluntary mobile source measures have the potential to contribute, in a cost-effective manner, emission reductions needed for progress toward attainment and maintenance of the NAAQS.
- Transportation Control Measure: State Implementation Plan Guidance (1990)
  This guidance document identifies important information sources and summarizes key steps in the TCM identification, analysis, and selection process.
- Improving Air Quality with Economic Incentive Programs (2001)
  This guidance provides the information you need to know to develop a discretionary economic incentive program, submit it to the EPA, and receive approval from the EPA.
- Near-Road NO2 Monitoring Technical Assistance Document (2012)
  The purpose of this Near-Road NO2 Monitoring Technical Assistance Document (TAD) is to provide state and local air monitoring agencies with recommendations and ideas on how to successfully implement near-road NO2 monitors required by the 2010 revisions to the NO2 minimum monitoring requirements.
- Evaluation of Ecological Impacts from Highway Development (1994)
  Guidance for the analysis of ecological impacts from highway development activities and the evaluation of related ecosystem mitigation measures. This guidance will support NEPA reviewers in providing informed comments for project scoping, EIS review, and 309 analyses.

Strategies

- EPA Strategic Plan FY 2014-2018 (2014)
  Five strategic goals representing the programmatic mission results EPA hopes to achieve on behalf of the American people. These strategic goals embody the measurable environmental and human health outcomes the public can expect over the next 4 years and describe how we intend to achieve those results.
- EJ 2020 Action Agenda (2016)
  The EJ 2020 Action Agenda is the EPA's strategic plan for advancing environmental justice for the years 2016-2020. EJ 2020 will build on the foundation established by EPA's previous plan, Plan EJ 2014, as well as decades of significant environmental justice practice by the Agency, communities and our partners.

- EJ 2020 Action Agenda National Measures Technical Appendix (2016)
  This Appendix provides technical information about the national outcome measures that support the four Significant National Environmental Justice Challenges discussed in Chapter 10 of EJ 2020 (lead disparities, small and tribal drinking water systems, fine particle air pollution, and hazardous waste sites).

Reports

- Background Information for Land Use SIP Policy (Sep 1998)
  Examines whether or not air quality agencies are taking credit for land use control measures in their state implementation plans and what activities EPA might undertake to both quantify the air quality benefits of sustainable land use policies and to enable air quality agencies to take credit for these measures in SIPs.
- Granting Air Quality Credit for Land Use Measures: Policy Options (1999)
  This report provides a detailed analysis of the policy options for recognizing and granting credit for sustainable land use activities in light of some specific control measures.
- Estimating Emission Reductions from Travel Efficiency Strategies: Three Sketch Modeling Case Studies (2014)
  The purpose of this report is to document how the "Travel Efficiency Assessment Method" previously used for a national assessment could be applied to specific regions to estimate the reductions in vehicle miles traveled (VMT), greenhouse gas (GHG) emissions, and criteria pollutant emissions.
- Analyzing Emission Reductions from Travel Efficiency Strategies: A Guide to the TEAM Approach (2011)
  The Travel Efficiency Assessment Method (TEAM) is intended to assist professionals in assessing the potential role travel efficiency strategies can play in reducing criteria and GHG emissions.
- Transportation Control Measures: An Information Document for Developing and Implementing Emissions Reductions Programs (2011)
  This document describes the process of developing and implementing transportation control measures, using real-world examples.
- Benefits Estimates for Selected TCM Programs (1999)
  This document presents applications of EPA's transportation control measure (TCM) analysis guidance, entitled Methodologies for Estimating Emission and Travel Activity Effects of TCMs, to six actual TCM programs.
- Current Methodologies in Preparing Mobile Source Port-Related Emission Inventories (2009)
  Describes methodologies used for preparation of a port-related emission inventory, focusing on mobile emission sources at ports, including oceangoing vessels (OGVs), harbor craft, and cargo handling equipment (CHE), as well as other land-side mobile emission sources, such as locomotives and on-highway vehicles.
- Cicero Rail Yard Study Report (2014)
  The objective of this study was to evaluate the impact of an active rail yard on local air quality, within an urban area. This report describes the field measurements conducted through a month-long mobile monitoring campaign, as well as longer-term stationary monitoring adjacent to a mid-sized rail yard.
- Summary of Results from Near-Road NO2 Monitoring Pilot Study (2011)
  State and local air agencies collected NO2 and oxides of nitrogen (NOx) data during a pilot study through the use of passive sampling devices (PSDs) near heavily trafficked roads within five Core Based Statistical Areas (CBSAs): Albuquerque, NM; Baltimore, MD; Boise, ID; and Miami–Broward County in Florida.

- National Environmental Justice Advisory Council (NEJAC) Report: Advice and Recommendations for Reducing Air Emissions Associated with Goods Movement (2009)
  The recommendations in this report primarily focus on methods to reduce air pollution from goods movement and its impacts on environmental justice communities near air and marine ports, rail yards, highways, bridges, border crossings, and distribution centers
- EPA Response to NEJAC Report: Advice and Recommendations for Reducing Air Emissions Associated with Goods Movement (2010)
  The Environmental Protection Agency (EPA) response to the National Environmental Justice Advisory Council (NEJAC) recommendations for reducing air emissions associated with goods movement.
- EJ Legal Tools (2014)
  This document provides an overview of a number of discretionary legal authorities that are or may be available to EPA to address environmental justice considerations under federal statutes and programs.
- Clean Air Act Advisory Committee SmartWay Legacy Fleet Workgroup Recommendations and Findings (2014)
  EPA sought advice on potential enhancements to the SmartWay Transport Partnership (SmartWay) program, as well as the applicability of the SmartWay program in the marine, air and non-road transportation sectors.
- Final Recommendations of the Clean Air Act Advisory Committee Urban Air Toxics Workgroup (2016)
  Recommendations for addressing issues concerning urban air toxics.
- Health Assessment Document for Diesel Engine Exhaust (2002)
  This assessment examined information regarding the possible health hazards associated with exposure to diesel engine exhaust (DE), which is a mixture of gases and particles.
- Clean Air Act Advisory Committee Recommendations for Reducing Emissions from the Legacy Diesel Fleet (2006)
  Recommendations for reducing emissions from the legacy diesel fleet.
- Air Trends Report (2016)
  This annual report presents the trends in the nation's air quality, and summarizes the detailed information found at EPA's AirTrends website.
- National Port Strategy Assessment: Reducing Air Pollution and Greenhouse Gases at U.S. Ports
  National scale assessment to examine current and future emissions from a variety of diesel sources operating in port areas, and to explore the potential of a range of available strategies to reduce emissions from port-related trucks, locomotives, cargo handling equipment, harbor craft, and ocean-going vessels.

- Planning for Natural Disaster Debris (2008)
  This document discusses the management of debris from natural disasters, such as hurricanes, earthquakes, tornadoes, volcanoes, floods, wildfires, and winter storms.
- Creating Equitable, Healthy, and Sustainable Communities: Strategies for Advancing Smart Growth, Environmental Justice, and Equitable Development (2013)
  Identifies strategies that bring together smart growth, environmental justice, and equitable development principles and that community-based organizations, local and regional decision-makers, developers, and others can use to build healthy, sustainable, and inclusive communities.
- National Advisory Council for Environmental Policy (NACEPT): Environmental protection belongs to the Public, A Vision for Citizen Science at EPA (2016)

Recommendations on actions EPA should take in response to technological and sociological developments in the area of citizen science. The report urges EPA to embrace citizen science and capacity building initiatives that further advance the agency's mission of protecting the environment and human health.

Funding/Programs

- Clean Diesel and DERA Funding
  The Clean Diesel Program offers Diesel Emissions Reduction Act (DERA) funding in the form of grants and rebates as well as other support for projects that protect human health and improve air quality by reducing harmful emissions from diesel engines.
- Technical Assistance Services for Communities (TASC) Program
  The national Technical Assistance Services for Communities (TASC) program provides independent assistance through an EPA contract to help communities better understand the science, regulations and policies of environmental issues and EPA actions.
- EJ Collaborative Problem-Solving Cooperative Agreement Program
  The program provides financial assistance to eligible organizations working on or planning to work on projects to address local environmental and/or public health issues in their communities, using EPA's "Environmental Justice Collaborative Problem-Solving Model."
- EJ Small Grants Program
  The Environmental Justice Small Grants Program supports and empowers communities working on solutions to local environmental and public health issues. The program is designed to help communities understand and address exposure to multiple environmental harms and risks.
- Brownfields Grants
  EPA's Brownfields program provides direct funding for Brownfields assessment, cleanup, revolving loans, and environmental job training.
- Urban Waters Small Grants
  The Urban Waters Small Grants are expanding the ability of communities to engage in activities that improve water quality in a way that also advances community priorities.
- Research Grants
  EPA webpage providing information on research funding opportunities, research grant areas, as well as tools and resources.
- Community Scale Air Toxics Ambient Monitoring Projects
  Information on past grants intended to support projects designed to assist state, local and tribal communities in identifying and profiling air toxics sources, characterizing the degree and extent of local air toxics problems, and tracking progress of air toxics reduction activities.
- College/Underserved Community Partnership Program
  The College/Underserved Community Partnership Program (CUPP) provides a creative approach to partnering and delivering technical assistance to small underserved communities from local colleges and universities at no cost to the communities.
- Environmental Workforce Development and Job Training Grants
  Provides links to information regarding environmental workforce development grants and programs.

Tools

- Diesel Emissions Quantifier
  An interactive tool that evaluates clean diesel projects and options for medium-heavy and heavy-heavy duty diesel engines by estimating baseline emissions, reduced emissions, cost effectiveness and health benefits. This quantifier was developed for users with little or no modeling experience.

- 2011 NATA Mapping Application
  The 2011 NATA (National Air Toxics Assessment) tool is a mapping application available on the web and on mobile devices that displays risks, emissions, and monitoring data on a map. It also allows the querying and downloading of data.
- NEPAssist
  A tool that facilitates the environmental review process and project planning in relation to environmental considerations.
- EJSCREEN
  An environmental justice mapping and screening tool that provides EPA with a nationally consistent dataset and approach for combining environmental and demographic indicators.
- Models for Air Research webpage
  Provides brief descriptions and links to various air research models.
- Tools for Air Research webpage
  Provides brief descriptions and links to various air research tools.
- Databases for Air Research webpage
  Provides brief descriptions and links to various air research databases.
- C-FERST webpage
  An online tool developed by EPA in collaboration with stakeholders to provide access to resources that can be used with communities to help identify and learn more about their environmental health issues and explore exposure and risk reduction options.
- T-FERST webpage
  Intended to empower tribes by providing access to relevant science that can be used to develop sustainable, cost-effective solutions for reducing environmental exposures and health risks. Using this decision support tool, tribes may employ a holistic approach to address environmental concerns and plan for the future.
- EnviroAtlas
  Interactive resources for exploring the benefits people receive from nature or "ecosystem goods and services" (EGS). EGS are critically important to human health and well-being. The tool allows users to access, view, and analyze diverse information to better understand the potential impacts of various decisions.
- EnviroAtlas Eco-Health Relationship Browser
  The Eco-Health Relationship Browser illustrates scientific evidence for linkages between human health and ecosystem services.
- Smart Location Database
  Summarizes more than 90 different indicators associated with the built environment and location efficiency. Indicators include density of development, diversity of land use, street network design, and accessibility to destinations as well as various demographic and employment statistics.
- Access to Jobs and Workers Via Transit
  A free geospatial data resource and web mapping tool for comparing the accessibility of neighborhoods via public transit service. Indicators summarize accessibility to jobs as well as accessibility by workers, households, and population.
- Enforcement and Compliance History Online (ECHO)
  Search for facilities in your community to assess their compliance with environmental regulations. You can also investigate pollution sources, examine and create enforcement-related maps, or explore your state's performance.
- AirData webpage

This website provides access to outdoor air quality data collected from state, local and tribal monitoring agencies across the United States.

- National Stormwater Calculator
  A desktop application that estimates the annual amount of rainwater and frequency of runoff from a specific site anywhere in the United States (including Puerto Rico). Estimates are based on local soil conditions, land cover, and historic rainfall records.
- C-LINE
  A web-based model that estimates emissions and dispersion of toxic air pollutants for roadways in the U.S. This reduced-form air quality model can examine what-if scenarios for changes in emissions, such as traffic volume, fleet mix and vehicle speed.
- Ben-Map
  An open-source computer program that calculates the number and economic value of air pollution-related deaths and illnesses. The software incorporates a database that includes many of the concentration-response relationships, population files, and health and economic data needed to quantify these impacts.
- Real Time Geospatial Data Viewer (RETIGO)
  A free, web-based tool that can be used to explore environmental data that you have collected either stationary or in motion (e.g., air quality sensors added to a bike).
- Draft Ports Primer for Communities
  This Primer is intended to help community members participate effectively in the decision-making process by increasing local understanding of: 1) the role of ports; 2) how ports can impact local land use, economic trends, and the environment; and 3) tools and resources that have been successful in other communities.
- Draft Community Action Roadmap
  Provides a step-by-step guide to help near-port communities effectively engage in port decisions that may impact local land use, environmental health and quality of life. This *Community Action Roadmap* supplements the companion document, *A Ports Primer for Communities*.
- Draft Environmental Justice Primer for Ports
  Intended to help port decision-makers better understand the needs of near-port communities and how they can help address these needs and build productive community relationships during planning activities and operations.
- Community Multi-Scale Air Quality Modeling System
  A powerful computational tool used for air quality management. It simultaneously models multiple air pollutants including ozone, particulate matter and a variety of air toxics to help air quality managers determine the best air quality management scenarios for their communities, regions and states.
- Data Resources for Mobile Source Pollution webpage
  Provides links to the following data resources for mobile source pollution: 1) Air Emission Inventories; 2) Air Toxics Monitoring Program; 3) Community Scale Air Toxics Ambient Monitoring Projects; and 4) National Air Toxics Trends Stations.

Webpages

- Air Enforcement Policy, Guidance and Publications webpage
  Provides policy and guidance documents related to enforcement of pollution from mobile and stationary sources of air pollution.
- Air Trends webpage
  Provides information on air quality trends for the six criteria pollutants: Carbon Monoxide; Lead; Nitrogen Dioxide; Ozone; Particulate Matter; and Sulfur Dioxide.

- Air Toxics webpage
  Provides links to information about air toxics, including: 1) rules and implementation; 2) National Air Toxics Assessment; 3) Urban, Great Waters & Regional Programs; and 4) Education, Outreach & Partnerships.
- Technical Air Pollution Resources webpage
  Provides access to a collection of EPA resources with technical information about many areas of air pollution prevention, technology, regulation, measurement, and science.
- Health and Environmental Effects of Particulate Matter webpage
  Provides information on the health and environmental effects of particulate matter topics, with additional links to further reading about: 1) Particle Pollution and Your Health; 2) How Smoke from Fires Can Affect Your Health; and 3) EPA research on airborne particulate matter.
- Hazardous Air Pollutants webpage
  Provides background information and links to additional information regarding hazardous air pollutants.
- Mobile Source Pollution and Related Health Effects webpage
  Provides links to the following information regarding mobile source pollution and related health effects: 1) Learn the Basics; 2) Research; 3) Data & Modeling; and 4) What EPA is Doing.
- Air Research webpage
  Provides links to the following information regarding air research: 1) Air Research Areas: 2) Popular Research Topics: 3) Available and Awarded Funding: and 4) Publications, Tools, and Resources.
- Learn About Idling Reduction Technologies for Trucks webpage
  Provides information on: 1) Benefits and Methods for Reducing Idling: 2) Behavioral Strategies for Reducing Idling; 3) Idling Reduction Technologies; and 4) Types of SmartWay Verified Idling Reduction Technologies for Trucks.
- EJ 2020 Action Agenda webpage
  Provides links to the following topics regarding EPA's environmental justice strategy: 1) About EJ 2020; 2) Priority Areas: 3) National EJ Challenges: 4) Implementation: 5) Outreach & Engagement; and 6) Resources.
- Plan EJ 2014 webpage
  Provides links to the following topics regarding EPA's previous environmental justice strategy: 1) Background; 2) Outcomes; 3) Key Accomplishments; 4) Other Accomplishments; Progress Reports; and 5) Public Comment and Tribal Consultation.
- Smart Growth webpage
  Smart growth strategies help communities grow in ways that expand economic opportunity while protecting human health and the environment. Provides links to the following topics regarding smart growth: 1) What Is Smart Growth; 2) Smart Growth Topics; 3) Resources; and 4) Partnerships.
- Clean Diesel webpage
  Provides links to the following topics regarding the Clean Diesel Program and Diesel Emission Reduction Act Funds: 1) Rebates; 2) National Grants; 3) Tribal Grants; and 4) State Allocations.
- Ports Initiative webpage
  The Initiative's goals are to reduce air pollution and greenhouse gases, achieve environmental sustainability for ports, and improve air quality for near-port communities. Site provides the following links related to the Ports Initiative: 1) News; 2) Near-Port Communities; 3) Port & Port Operations; and Resources and Reports.
- SmartWay Program webpage
  EPA's SmartWay program helps companies advance supply chain sustainability by measuring, benchmarking, and freight transportation efficiency. Provides links to the following SmartWay

topics: 1) Learn about SmartWay; 2) Participate in SmartWay; 3) Meet our Partners and Affiliates; and 4) Use the SmartWay Brand.

- National Air Toxics Assessment (NATA) webpage
  The NATA is EPA's ongoing comprehensive evaluation of air toxics in the U.S. EPA developed the NATA as a state-of-the-science screening tool for State/Local/Tribal Agencies to prioritize pollutants, emission sources and locations of interest for further study in order to gain a better understanding of risks.
- Air Sensor Toolbox for Citizen Scientists webpage
- Provides information for citizen scientists and others on how to select and use low-cost, portable air sensor technology and understand results from monitoring activities. The information can help the public learn more about air quality in their communities.
- Air Sensor Toolbox: Resources and Funding webpage
  Provides links to guidance and other information to make decisions about using air sensors and conducting a citizen science project to measure air quality.
- Community Air Monitoring Where You Live webpage
  Provides links to community air monitoring projects located in each of EPA's ten Regions.
- Research on Near Roadway and Other Near Source Air Pollution webpage
  Provides the following information regarding research on near roadway and other near source air pollution: 1) Overview; 2) Roadways; 3) Ports and Rail Yards; 4) Wildfires; 5) Related Resources; and 6) Related Links.
- Air Research Fact Sheets webpage
  Provides links to air research fact sheets for the following categories: 1) Overview: 2) Community Science; 3) Health and Human Exposure; 4) Models, Tools, and Databases; 5) Monitoring and Measurement; 6) Grants and Research Agreements; and 7) Other Topics.
- SIP Status Reports webpage
  This page has information to help you track the current status of air quality State Implementation Plan (SIP) submittals, and EPA's actions on those submittals.
- Project-Level Conformity and Hot-Spot Analysis webpage
  This page contains policy guidance, technical guidance, and other resources issued by EPA to assist agencies in completing project-level conformity analyses, including particulate matter (PM2.5 and PM10) and carbon monoxide (CO) "hot-spot" analyses.
- Transportation Conformity Training and Presentations webpage
  EPA's Office of Transportation and Air Quality (OTAQ) has provided multiple conformity training sessions in the past to assist state and local governments in implementing conformity requirements. As training information is prepared for other venues, it will be posted on this page.
- Policy and Technical Guidance for State and Local Transportation webpage
  This page contains policy guidance issued by EPA and/or the U.S. Department of Transportation to assist state and local transportation and air quality agencies implement the transportation conformity program.
- The International Convention for the Prevention of Pollution from Ships (MARPOL) Annex VI webpage
  Provides information and links for the following MARPOL issues: 1) MARPOL Annex VI; 2) Annex VI Significant Provisions; 3) MOU between EPA and Coast Guard: 4) Health and Environmental Effects; 5) Fuel Oil Non-Availability; 6) Penalty Policy; 7) Protocols with the Coast Guard; and 8) Additional Information.

- Learn About Idling Reduction for Locomotives webpage
  Provides information on: 1) Benefits and Methods for Reducing Idling; 2) Types of SmartWay Verified Idling Reduction Technologies for Locomotives; and 3) Quantifying Emission Reductions for State Implementation Plans.
- Storm Water Discharges from Industrial Activities webpage
  Material handling and storage, equipment maintenance and cleaning, and other activities at industrial facilities are often exposed to the weather. Webpage provides an overview on industrial storm water and links to fact sheets and guidance.
- Storm Water Discharges from Transportation Sources webpage
  Streets, roads, and highways are the primary mode for moving goods, people, and services but also can carry storm water runoff pollutants from the adjacent land and from cars, trucks, and buses, including heavy metals from tires, brakes, and engine wear, and hydrocarbons from lubricating fluids.
- Vessel Incidental Discharge Permitting webpage
  Information regarding the NPDES permitting program to regulate discharges incidental to the normal operation of a commercial (i.e., non-military, non-recreational) vessel when operating as a means of transportation (i.e., "incidental discharges").
- Vessel Sewage Discharge webpage
  The EPA regulates the equipment that treats or holds the sewage (marine sanitation devices) and establishes areas in which the discharge of sewage from vessels is not allowed (no-discharge zones).
- Vessels, Marinas and Ports webpage
  Provides links regarding Vessels, Marinas, and Ports for the following issues: 1) Vessel Discharges; 2) Engines and Air Emissions; 3) Marinas: 4) Ports; 5) International; and 6) Cross-Cutting issues.
- Ocean Disposal of Dredged Material webpage
  Provides information regarding the permitting process for ocean dumping of dredged material.
- Ocean Dumping Management webpage
  Provides links regarding ocean dumping management for the following: 1) Learn About Ocean Dumping; 2) Ocean Dumping Permits; 3) Ocean Disposal Sites; 4) Protecting Our Oceans; 5) International Treaties; and 6) Regulations, Guidance, & Additional Links.
- Community Involvement During Emergency Responses webpage
  Getting the community involved in the problem of hazardous substances is a priority for EPA. Provides links to the following areas regarding community involvement during emergency responses: 1) Community Right-to Know; 2) Community Relations; and 3) Recognizing Releases.
- Responding to an Incident webpage
  Provides information and links regarding responding to a hazardous release or oil spill.
- EPA On-Scene Coordinators webpage
  On-Scene Coordinators (OSCs) are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. Provides information regarding spill or release: 1) Assessment; 2) Monitoring: 3) Response Assistance; and 4) Evaluation.
- Urban Air Toxics webpage
  Provides links to the following urban air toxics issues: 1) About Urban Air Toxics; 2) Addressing urban Air Toxics; and 3) Integrated Urban Air Toxics Strategy.
- Ambient Monitoring Technology Information center webpage
  The Ambient Monitoring Technology Information Center (AMTIC) provides information on monitoring programs and methods, quality assurance and control procedures, and federal

regulations. This website is primarily intended for staff responsible for collecting ambient air monitoring data.

- Research on Health Effects, Exposure, & Risk from Mobile Source Pollution webpage
  Provides links regarding resources for health effects, exposure, and risk from mobile source pollution.
- National Environmental Policy Act webpage
  Provides links regarding NEPA for the following issues: 1) Learn About NEPA; 2) Filing an EIS; 3) EPA's Role in the NEPA Process; 4) NEPA Where You Live; 5) NEPA and Environmental Justice; and 6) Search the EIS Database.
- Clean Diesel Collaboratives
  EPA has initiated a number of regional diesel collaboratives designed to work collaboratively with businesses, industry, governments and community organizations in specific regions. Provides links to the various Diesel Collaborative efforts across the country.

Other

- Village Green
  A Village Green station contains air measurement instrumentation, miniaturized and low power computer technology, solar panels and communications equipment that is available to the public in the marketplace. The station is designed to wirelessly transmit data with automatic data quality checks in place.
- SmartWay webinar
  A webinar about EPA's SmartWay program, which helps companies advance supply chain sustainability by measuring, benchmarking, and freight transportation efficiency.
- PM Hot-Spot Analyses: Frequently Asked Questions (2012)
  A compilation of frequently asked questions regarding PM Hot-spot analyses.
- Best Practices for Reducing Near-Road Pollution Exposure at Schools
  This publication can help school communities identify strategies for reducing traffic-related pollution exposure at schools located downwind from heavily traveled roadways (such as highways), along corridors with significant trucking traffic, or near other traffic or vehicular pollution sources.
- Control of Emissions from Idling Locomotives (2007)
  This fact sheet provides technical background on the issue of locomotive idling and describes what EPA is doing to reduce emissions from this source.
- Industrial Stormwater Sector P Factsheet: Motor Freight Transportation Facilities, Passenger Transportation Facilities, Petroleum Bulk Oil Stations and Terminals, Rail Transportation Facilities, and United States Postal Service Transportation Facilities
  Fact sheet regarding NPDES industrial storm water permitting.
- Industrial Stormwater Sector Q Fact Sheet: Water Transportation Facilities with Vehicle Maintenance Shops and/or Equipment Cleaning Operations
  Fact sheet regarding NPDES industrial storm water permitting.

- Plain English Guide to the Clean Air Act (2007)
  A guide to understanding the Clean Air Act.
- Citizen Science Air Monitor (CSAM) Quality Assurance Guidelines
  These quality assurance guidelines offer basic information and considerations for collecting meaningful data for citizen volunteers who will use a monitoring device called the Citizen Science Air Monitor for a community-based environmental monitoring study conducted in Newark, NJ.
- The Role of Vegetation in Mitigating Air Quality Impacts from Traffic Emissions (2011)

A summary of an April 2010 EPA-sponsored workshop.

- Using Advanced Technology to Measure Pollution Near Rail Yards (2014)
  Fact sheet regarding the Cicero Rail Yard study.
- Near Roadway Air Pollution and Health: Frequently Asked Questions (2014)
  A compilation of frequently asked questions EPA receives concerning near roadway air pollution and what EPA is doing to address this important health issue.
- Compilation of State, County, and Local Anti-Idling Regulations (2006)
  A compilation of state and local vehicle idling laws representing the EPA's best efforts to catalogue, in one location, the variety of existing and proposed idling laws in their entirety. This document is for reference purposes only; please refer to the actual laws for requirements and compliance.
- Emission Factors for Locomotives (2009)
  EPA has established emission standards for NOx, hydrocarbons, CO, particulate matter (PM) and smoke for newly manufactured and remanufactured locomotives. This fact sheet describes EPA's estimates of the typical in-use emission rates for locomotives subject to these standards, as well as the previous standards.
- National Conversation on the State of US Ports: Promoting Port Stakeholder Success webinar slides (2013)
  The focus of this webinar will be promoting port stakeholder success, collaborative action with EPA, and a focus on transportation and air quality.
- National Conversation on the State of US Ports: Promoting Port Stakeholder Success webinar transcript (2013)
  Transcript of EPA's Promoting Port Stakeholder Success webinar.
- National Conversation on the State of US Ports: Goods Movement and Ports, Community Impacts and Collaborative Solutions Webinar (2014)
  The focus of this webinar will be on near-ports community impacts and innovative and collaborative solutions.
- National Conversation on Ports: Goods Movement and Ports transcript (2014)
  Transcript of EPA's Goods Movement and Ports, Community Impacts and Collaborative Solutions webinar.
- National Conversation on Ports: Advancing Solutions to Support More Sustainable Ports webinar (2014)
  The focus of this webinar will be advancing solutions to support more sustainable ports.
- National Conversation on Ports: Advancing Solutions to Support More Sustainable Ports transcript (2014)
  Transcript of EPA's Advancing Solutions to Support More Sustainable Ports webinar.
- Diesel Exhaust in the United States (2003)
  Brochure on the health effects of diesel exhaust, who is at risk, and what can be done.

Federal Partnerships/Collaborations

Strategies

- CMTS National Strategy for the MTS
  Contains 34 recommended actions to improve the U.S. marine transportation system in five priority areas: capacity, safety and security, environmental stewardship, resilience and reliability, and finance and economics.
- EJ IWG Framework for Collaboration (2016)
  Outlines goals for the next three years that advance greater federal agency collaboration to improve quality - of- life and support economic opportunities in overburdened1 and under-resourced communities.

Reports

- EJ IWG Report: Promising Practices for EJ Methodologies in NEPA Reviews (2016)
  A compilation of methodologies concerning the interface of environmental justice considerations through NEPA processes.

Funding/Programs

- CMTS Federal Funding Handbook for Marine Transportation System Infrastructure (2015)
  A reference to funding programs – both commonly known and less known – ranging from coastal wetland and wildlife and resilience to economic development.
- CMTS Transportation Infrastructure Funding Map
  The interactive Transportation Infrastructure Funding Map highlights Federal infrastructure investment in the marine transportation system (and intermodal connectors) for the past five years.

Webpages

- Committee on the Marine Transportation System (CMTS) webpage
  The purpose of the CMTS is to create a partnership of Federal departments and agencies with responsibility for the Marine Transportation System (MTS).
- Federal Interagency Working Group on Environmental Justice (EJ IWG) webpage
  Provides information and links regarding the EJ IWG, including: 1) Overview; 2) Framework for Collaboration; 3) EJ IWG in Action; 4) Federal Strategies; 5) Community Spotlights; 6) Federal Resources; 7) Past Initiatives; and 8) EJ Webinars.
- Partnership for Sustainable Communities webpage
  The Partnership for Sustainable Communities (PSC) works to coordinate federal housing, transportation, water, and other infrastructure investments to make neighborhoods more prosperous, allow people to live closer to jobs, save households time and money, and reduce pollution.

U.S. General Services Administration

Strategies

- Fiscal Years 2016–18 Environmental Justice Strategy
  As the Federal Government's real property, personal property, and acquisition steward, GSA is uniquely positioned to leverage its policies, programs and activities to make a visible difference in the communities throughout the country where GSA has a presence.

Funding/Programs

- Disaster Recovery Purchasing Program for State and Local Governments
  State and local governments can now use GSA schedule contracts for procurements before and after emergencies. A variety of products and services are available supporting recovery from major disasters, terrorism, or nuclear, biological, chemical, or radiological attack.
- Federal Surplus Personal Property Donation Program
  Enables certain nonfederal organizations to obtain personal property that the federal government no longer needs.

Webpages

- Assistance for Small Businesses webpage
  Provides information and links for small businesses regarding doing business with the federal government, including: 1) Get Started; 2) Choose How to Sell to GSA; 3) Find and Pursue Government Contracts; 4) Maintain and Renew Your Contract; and 5) Resources and Training.
- Green Procurement Compilation
  The Green Procurement Compilation is a comprehensive green purchasing resource designed for federal contracting personnel and program managers, including information on transportation services.
- National Environmental Policy Act (NEPA) webpage
  Provides links to various NEPA resources, including: 1) Laws and Regulations; 2) NEPA Desk Guide; 3) NEPA Library; and 4) Technical Inquires.
- Public Benefit Conveyance of Real Property webpage
  Illustrates the major steps in the process for disposing of federal real estate.

Other

- National Desk Reference for Tribes and Tribal Organizations (2015)
  Tribes and Tribal Organizations may be eligible to use U.S. General Services Administration (GSA) sources of supply and services. This desk reference will help you to understand the authorities you may be eligible to use in order to access GSA sources of supply and services, and provide you other GSA resource information.

Other Entities: National Academy of Sciences

Reports

- ACRP Report 71: Guidance for Quantifying the Contribution of Airport Emissions to Local Air Quality (2012)
  The report is designed to help airports respond to regulatory needs, including those of the National Environmental Policy Act, and generate information desired by local communities as they seek to develop more detailed local air quality assessments.
- National Academy of Sciences, NCHRP Report 532: Effective Methods for Environmental Justice Assessment (2004)
  Designed to enhance understanding and to facilitate consideration and incorporation of environmental justice into all elements of the transportation planning process, from long-range transportation systems planning through priority programming, project development, and policy decisions.
- National Academy of Sciences, NCFRP Report 14: Guidebook for Understanding Urban Goods Movement (2012)
  The guidebook and cases studies are designed to help decision makers better understand the potential impacts of their urban goods movement decisions on transportation infrastructure and operations; land use and site design; and laws, regulations, and ordinances applicable to urban areas.
- National Academy of Sciences, NCFRP Report 24: Smart Growth and Urban Goods Movement (2013)
  Designed to help promote a better understanding of urban goods movement demand, relevant performance metrics, and the limitations of current modeling frameworks for addressing smart growth and urban goods movement.
- National Academy of Sciences, NCHRP Report 456: Guidebook for Assessing the Social and Economic Effects of Transportation Projects (2001)
  Presents guidance for practitioners in assessing the social and economic implications of transportation projects for their surrounding communities.
- National Academy of Sciences, NCHRP Report 710: Practical Approaches for Involving Underserved Populations in Transportation Decisionmaking (2012)
  Highlights tools, techniques, and approaches for identifying and connecting with populations that have traditionally been underserved and underrepresented in transportation decision-making.
- National Academy of Sciences, NCHRP Report 732: Methodologies to Estimate the Economic Impacts of Disruptions to the Goods Movement System (2012)
  Describes the impacts of bottlenecks and interruptions to the flow of goods through major freight corridors and intermodal connectors, the dynamics of that flow in response to disruptions, and the full economic impact beyond just the critical infrastructure and the carriers that depend on that flow.
- TCRP Synthesis 85: Effective Use of Citizen Advisory Committees for Transportation Planning and Operations (2010)
  Examines the involvement of advisory committees in transit planning and operations by exploring the experiences from a few agencies in detail.
- TCRP Synthesis 89: Public participation Strategies for Transit (2011)
  Documents the state-of-the-practice in terms of public participation strategies to inform and engage the public for transit-related activities.

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