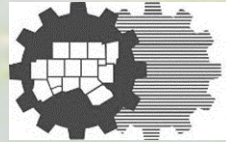


Executive Board Orientation



North Central Texas Council of Governments Environment and Development Department

September 24, 2020

Edith Marvin, P.E.
Director of Environment & Development
North Central Texas Council of Governments
emarvin@nctcog.org
817.695.9211



Facebook.com/nctcogenv



@nctcogenv



nctcogenv



youtube.com/user/nctcoged



EandD@nctcog.org



nctcog.org/envir



North Central Texas
Council of Governments
Environment & Development

Environment and Development Program list:

Six strategic initiatives for Sustainable Environmental Excellence:



Materials Management



1. Regional Solid Waste & Recycling – under the leadership of the **Resource Conservation Council** with funding by TCEQ

Regional Codes



2. Regional Codes (Building, Electrical, Energy & Green, Fire, Plumbing & Mechanical) – under the leadership of the **Regional Codes Coordinating Committee** through local funding

Public Works



3. Public Works – under the leadership of the **Public Works Council** through local funding
 - › Integrated Storm Water Management/ Low Impact Development (iSWM/LID)
 - › Public Works Construction Standards
 - › Sustainable Public Rights-of-Way (SPROW)
 - › Hydrologic Hazard Technical Assistance through Cooperating Technical Partnership (CTP) and FEMA NFIP Training & Outreach
4. Clean Sewer Systems – under the leadership of the **Wastewater and Treatment Education Roundtable** through local funding
5. Community Development Block Grants (CDBG) – under the leadership of the **State Unified Scoring Committee** with funding by Tx Dept. Of Ag.

Development Excellence



6. Center of Development Excellence/Vision North Texas/CLIDE awards
7. **Regional Integration of Sustainability Efforts (RISE) Coalition**

Natural Resources



8. Water Resources and Conservation – under the leadership of the **Water Resources Council** with funding by TCEQ
9. Watershed Planning and Protection Strategies
 - › Total Maximum Daily Load (TMDL) – under the leadership of the **TMDL Coordination Committee** with funding by TCEQ
 - › Watershed Protection Plans for bacteria – under the leadership of the **Upper Trinity River Basin Coordinating Committee** with funding by TCEQ
10. Energy Efficiency
 - › Conserve North Texas and Go Solar Texas
 - › SECO Regional Energy Management Program

Watershed Management



11. Trinity COMMON VISION w/ Corridor Development Certificate Process – under the leadership of the **Trinity River Steering Committee and Trinity River Flood Management Task Force** through local funding
12. Regional Urban Stormwater – under the leadership of the **Regional Stormwater Management Coordinating Council** through local funding
 - › Public Education
 - › SmartScape
 - › Pollution Prevention
 - › Illicit Discharge Detection & Elimination (IDDE)
 - › Monitoring & Group Purchasing

Environment and Development Initiatives:

Regional Resources and Campaigns:

Materials Management

- a. **Planning for Sustainable Materials Management in North Central Texas, 2015 – 2040** establishes goals and priorities for solid waste resources in North Central Texas www.nctcog.org/envir/materials-management/materials-management-plan
- b. **Report DFW Dumping** addressing illegal dumping throughout our region 1-888-335-DUMP or www.reportdfwdumping.org
- c. **Regional Recycling Survey & Campaign** <https://www.nctcog.org/envir/materials-management/regional-recycling-survey-and-campaign> + **Time to Recycle** www.timetorecycle.com + **Source Reduction** www.nctcog.org/envir/materials-management
- d. **Closed Landfill Inventory** closed and abandoned landfills throughout the region www.nctcog.org/envir/materials-management/closed-landfill-inventory
- e. **Regional Electronics Recycling Contract + Western Region Solid Waste Capacity Study**

Regional Codes

- f. **Regional Amendments to 2018 International Code Council Suite + Code Adoption Surveys + Education Resources** promoting standardization of model construction codes for North Texas www.nctcog.org/envir/regional-building-codes

Public Works

- g. **Public Works Construction Standards** a collection of standard specifications and standard drawings utilized by municipal designers, inspectors, and the industry www.nctcog.org/envir/public-works/construction-standards
- h. **Integrated Stormwater Management (iSWM + TriSWM)** a comprehensive stormwater management design manual for developments and roadways www.iswm.nctcog.org
- i. **Sustainable Public Rights of Way** support and technical guidance on best practices for infrastructure such as utilities, landscape, and paved and/or multi-modal surfaces www.nctcog.org/envir/public-works/sustainable-public-rights-of-way
- j. **Annual Public Works Roundup** a day long event with a variety of topics presented to help communicate and coordinate on regional public works issues www.nctcog.org/envir/public-works/annual-public-works-roundup
- k. **North Texas SHARE - Regional Pavement Analysis Services and OneRain Regional Early Flood Warning Software** procurement complete/price lists available www.northtexasshare.org & www.flooddatantx.com
- l. **Green Infrastructure Guidebook** information, strategies and cost comparisons to reduce impacts of growth and development www.nctcog.org/trans/plan/land-use/green-infrastructure
- m. **Community Development Block Grants** grant funding by Tx Dept of Agriculture to help smaller communities meet their infrastructure needs in low to moderate income areas www.nctcog.org/envir/public-works/community-development
- n. **Wastewater and Treatment Education Roundtable** an educational partnership and peer discussion group with municipalities and water and wastewater utilities in North Texas to address challenges in local wastewater systems www.nctcog.org/envir/public-works
- o. **Defend Your Drains + Holiday Grease Roundup** public education and campaign to reduce fats, oils, grease, and wipes in sewer systems, reducing damaging overflows www.ceasethegreasentx.com www.defendyourdrainsnorthtexas.com



Environment and Development Initiatives: Regional Resources and Campaigns (continued):



Development Excellence

- p. **Center of Development Excellence, CLIDE Awards and Regional Case Studies** promote quality growth that is guided by the 12 Principles of Development Excellence www.developmentexcellence.com
- q. **Vision North Texas 2050 Guidebook** Understanding our Options for Growth www.visionnorthtexas.org
- r. **Regional Integration of Sustainability Efforts (RISE) Coalition** a local program that provides mentorship and peer-exchange opportunities to support sustainability and environmental initiatives www.nctcog.org/envir/development-excellence/rise-coalition
- s. **Community Health and Resources Management mapping application (CHARM)** GIS based community comprehensive planning effort with real-time feedback based on adjustments to land development decisions www.communitycharm.org
- t. **Regional Ecosystem Framework** a GIS tool that identifies areas of relative ecological importance in the Dallas-Fort Worth region www.nctcog.org/trans/quality/environmental-coordination/regional-ecosystem-framework



Natural Resources

- u. **Greenprinting** stakeholders collaborate to set open space preservation/enhancement goals for a selected location or local resource www.nctcog.org/envir/natural-resources/greenprinting
- v. **Water Quality Management Plan** annual update with regional watershed protection strategies, water conservation, and sanitary sewer capacity planning www.nctcog.org/envir/natural-resources/water-resources
- w. **Watershed Protection Plans/Total Max Daily Load** water quality protection and restoration strategies developed by stakeholders to support a water body's designated use (fishing, recreation) [www.nctcog.org/envir/natural-resources/watershed-protection-plans \(or tmdl\)](http://www.nctcog.org/envir/natural-resources/watershed-protection-plans (or tmdl))
- x. **Regional Energy Mgmt Program + Conserve North Texas + Go Solar Texas** best practice training, case studies, calculators, and financing leading to a reduction in energy consumption and higher use of renewable energy products www.conservenorthtexas.org, www.gosolartexas.org, www.nctcog.org/envir/natural-resources/energy-efficiency
- y. **Economic and Environmental Benefits of Stewardship and Permittee Responsible Mitigation** GIS tools to guide cost efficiency and quantify benefits in stewardship efforts for land development and transportation projects www.nctcog.org/envir/natural-resources



Watershed Management

- z. **Common Vision Program, FEMA Cooperating Technical Partner & Community Rating System Users Group** flood storage retention and flood risk reduction strategy implementation along the Trinity River and beyond www.nctcog.org/envir/watershed-management
- aa. **Regional Stormwater addressing Pet Waste, Yard Waste, Texas SmartScape, Illicit Discharge, Water Quality Monitoring, Pollution Prevention, Public Education, Construction and Post-Construction issues, and a Library of Best Practices** a comprehensive collection of community tools to manage stormwater quality issues affecting our region and designed to meet state mandated permit requirements www.nctcog.org/envir/watershed-management/stormwater www.txsmartscape.com
- bb. **Upper Trinity Transportation and Stormwater Infrastructure** planning effort to prevent flooding by studying the area ahead of growth and providing resources to communities to make better development decisions www.nctcog.org/envir/watershed-management
- cc. **16 County Watershed Management Initiative** menu of criteria for flood risk management allowed by Texas Water Code and selected by the region for consistency and benefits www.nctcog.org/envir/watershed-management/floodplain-management

