Charting the Course for the Next Fifty Years
Justice Oliver Wendell Holmes was fond of saying: “On occasion, we all need a lesson in the obvious.” The lesson our citizens and elected officials should learn is that the many challenges we face — from transportation and the environment, to our water resources, infrastructure and economic development — cannot be solved within jurisdictional boundaries alone. Regional cooperation has to become a reality, not just a rally call.

--Eugene Brown, Chairman

Regional cooperation will be a major factor in successfully addressing our most pressing challenges. Jurisdictional boundaries are increasingly transparent and our region is becoming more interdependent. As this region continues to grow we must continue to work everyday to help facilitate and coordinate cooperative efforts among our membership.

--Kirby Bowers, Executive Director
Over the course of Fiscal Year 2011, delegates, staff and programs received a number of awards and recognitions.

- TJCOG Delegate and Johnston County Commissioner **Jeff Carver** was elected to serve on the National Association of Regional Councils (NARC) Board of Directors.
- **Kirby Bowers**, TJCOG Executive Director, was honored as a Business Leader of the Year.
- AAA Director, **Joan Pellettier**, completed her term on the North Carolina Study Commission on Aging.
- **Ombudsmen** presented at the Governor’s Conference on Aging in October 2010; showcased at the Forum for the Institute for Emerging Issues in February 2011; and received the Aging Achievement Award from the National Association of Area Agencies on Aging.
- **John Hodges-Copple**, Regional Planning Director, received Leadership Triangle’s 2010 Goodmon Award for a Public Official.
- **John Hodges-Copple** also received the National Association of Regional Councils’ 2011 John Bosley Award for Regional Leadership.
The Triangle J Area Agency on Aging (TJAAA) focuses on community planning and coordination to leverage a quality continuum of support for the region’s growing population of older adults. Fiscal year 2011 highlights include:

### Aging Planning and Administration

- Partnered with Community Resource Connections (CRCs) in Wake and Chatham/Orange and continued work with Durham’s Partnership for Seniors.
- Supported the work of the region’s Senior Tar Heel Legislative Delegation, the Area Agency on Aging’s Advisory Council on Aging, and the North Carolina Coalition on Aging.
- Provided technical assistance and consultation to the region’s local providers of services to older adults.
- Received a clean audit report during annual monitoring conducted by the North Carolina Division of Aging and Adult Services.

### Ombudsman Program

- **Sowing the Seeds of Culture Change** - Sponsored and hosted three Culture Change Learning Collaborative forums in Durham County, and two region-wide The How of Change conferences.
- Sponsored and hosted the Doing it Right the First Time conference, a deeper look at the transfer/discharge process in long term care.
- Hosted a Community Advisory Committee Leadership Training and Development Session.
- Conducted 24 provider in-service trainings on Residents’ Rights. In Oct. 2010, the Durham County CAC sponsored a community forum on Advance Directives – Choice for end of life decisions.

### Elder Abuse Awareness and Prevention

- Provided outreach, education and training on elder abuse, how and where to make reports of abuse, neglect and/or exploitation, and on the mandatory reporting law.
- Developed and distributed resource material for World Elder Abuse Awareness Day on June 15, 2011.
- Received a grant from the National Center on Elder Abuse to support the development of Elder Abuse Task Forces in Wake and Durham counties.
- Published the Area Agency on Aging newsletter, Connecting Point, providing older adults and others information to promote awareness of elder abuse and its prevention.

### Family Caregiver Support Program

- Administered Older Americans Act Funds and supported increased client utilization of services including respite care, caregiver training, support groups and resource information.
- Maintained Region J’s www.fullcirclecare.org which serves as a valuable resource in support of family caregivers. In FY 11 staff began marketing and informing through the use of a blog and a Facebook page.

### Evidence Based Health Promotion Program

- Conducted master and lay leader trainings as well as numerous participant programs in several evidence-based programs – Living Healthy, Living Healthy with Diabetes, and Matter of Balance.
- Received a grant from the NC Division of Aging and Adult Services to coordinate Fit and Strong, another evidence-based program, in Chatham, Durham, and Moore counties, in collaboration with Be Active NC.

### The Medicare Improvements for Patients and Providers Act (MIPPA)

- Established a working relationship with new partners – the county Senior Health Insurance Information Program coordinators – to conduct outreach events in each county to promote awareness and provide an environment for eligible seniors to apply for MIPPA benefits.
MEMBER SERVICES

Drug and Alcohol Testing Program

The Drug and Alcohol Testing Program provides services to twelve member governments, one university and two transit agencies.

- Provided a full service program that meets US DOT FMCSA and FTA requirements, and a look-like program for non-regulated testing.
- Trained 50+ supervisors on the signs and symptoms of alcohol misuse and drug abuse, including how to determine when reasonable suspicion testing is required.
- Administered or coordinated almost 100 breath alcohol tests, yielding no positive results, and 845 drug tests resulting in three positive results – a positive rate of less than .5%.

Broadband Consortium

TJCOG’s Broadband Consortium continued to contract with a consultant to assist members in administration of local cable franchises, while simultaneously monitoring the State’s Video Service Competition Act to ensure its proper implementation. Activities included:

- Met with State legislative committees and lobbied to prevent erosion of the Supplemental PEG funds paid to local governments to operate PEG channels. Vigorously opposed anti-municipal broadband legislation (H129) which unfortunately became law this past session.
- Performed video/broadband rate study comparing rates in communities with multiple active service providers against those where competition was either non-existent or lackluster.
- Provided information to the State Legislature (Revenue Laws Committee) regarding the impact of the Video Service Competition Act on cable/broadband rates and deployment.
- Assisted members to secure PEG channels on video systems operated by Time Warner, CenturyLink and Charter Cable in their communities.
- Advised members regarding technical requirements related to successful board meeting telecasts.
- Met with local telecom providers in an attempt to increase broadband deployment in rural areas.

T
riangle J’s Member Services staff provides ongoing support for the Board of Delegates and Executive Committee and develops and administers special programs and services to serve local governments and partner agencies. Fiscal year 2011 highlights include:

**Member Services**

- Hosted joint meetings of the Region’s Mayors and County Commission Chairs and coordinated presentations on topics of mutual interest.
- Organized meetings of the Region’s Municipal and County Managers, providing information on a variety of TJCOG programs and other areas of interest.
- Organized meetings of the Triangle J Board of Delegates and Executive Committee, including special presentations on the Capital Trees Program, the Southeast High Speed Rail Plan Initiative, independent study projects, human trafficking, and First Responder training for alternative fuel vehicles.
- Established a new TJCOG Work Plan for 2011-14 with input and approval from the Board of Delegates.
- Began production and distribution of *After Action Reports* to provide next-day updates to members, summarizing key discussions and actions taken by the Executive Committee and the Board of Delegates.
- Conducted a pilot program with the North Carolina School of Science and Mathematics in Durham, offering independent study opportunities to students.

**Foreign Trade Zone**

- Received Board of Delegates’ approval to pursue expansion of the service area of FTZ #93 and reorganize under the Alternative Site Management Framework, as recommended by the FTZ #93 Rates, Tariff and Legal Review Board.
- Continued administration of FTZ #93, which has 2 fully-activated sites. A third site is available for all FTZ uses; three subzones are approved.

**Regional Appearance Committee**

- Presented to the Orange County Commission on the Environment and the Town of Chapel Hill Planning Board.
- Administered the Capital Trees Program and presented awards to the owners of 20 trees located in Cary, Garner, Raleigh, Wake Forest and Wendell.

**MEMBER SERVICES**

3
The Regional Planning Department works with community partners on long-term, regional-scale strategies for development and conservation of land and infrastructure to support development; sustainability of energy and environmental resources; and protection and management of the region’s water resources. Fiscal year 2011 highlights include:

DEVELOPMENT AND INFRASTRUCTURE

Center Of the Region Enterprise (CORE)
- Hosted quarterly meetings of the CORE Communities Workgroup.
- Partnered with the Research Triangle Foundation to convene the planning staff of the CORE Workgroup member jurisdictions to serve as a sounding board for the RTP Master Plan.
- Secured a NC Sustainable Communities Task Force grant to use CommunityViz software to develop and analyze growth scenarios in the CORE study area.

Development and Infrastructure Partnership

Transit Priority
- Convened meetings of the Land Use-Community Infrastructure-Development (LUCID) Forum.
- Participated in meetings and reviews addressing Triangle Transit’s Alternatives Analysis projects and participated on the technical team working with Triangle Transit’s consultants on station area planning.
- Established and hosted the inaugural meeting of the Triangle Main Line Forum.
- Hosted a joint meeting between the Development & Infrastructure Partnership and the Urban Land Institute-Triangle Chapter.
- Updated a report on the market for living in compact, walkable, mixed-use neighborhoods.
- Developed a report outlining shared benefits associated with fixed guideway investments along the Durham-Orange county line.

Water Resources Priority
- Initiated a second draft of Green Growth for Clean Water, a compilation of sustainable development practices to safeguard water quality.
- Convened a technical committee to examine the potential for water quality trading and transfer of development rights as a cost effective method of meeting water quality requirements for water supply watersheds.

State and Federal Opportunities
- Organized, developed and submitted a grant to US Housing and Urban Development for a sustainable development plan.
- Obtained a grant from the NC Sustainable Communities Task Force to assist in scenario planning and analysis.
- Served on an expert panel on livability issues at a training for Federal Transit Administration staff.

Partner Involvement
- Increased engagement with university partners through sponsoring class projects, lecturing in classes, serving on UNC-Chapel Hill’s Triangle Sustainability Field Site, serving on a NCSU College of Design panel, and employing interns to conduct research.
- Participated in Research Triangle Regional Partnership institutional partners meetings.
- Participated in member community projects, including Northeast Central Durham, Morrisville McCrimmon district and Raleigh Blue Ridge Road corridor.

Land Use - Transportation - Air Quality

2035 Long Range Plan Air Quality Conformity
- Completed the federally-required process to demonstrate that changes to long range transportation plans and programmed construction projects will meet air quality standards.
- Prepared the initial air quality conformity report for amendment #2 to the plan.

2040 Long Range Transportation Plan
- Facilitated meetings with local government and MPO staff on new 2010 base year growth estimates and revisions to existing 2035 growth forecasts to conform to a new and expanded regional transportation model.
- Served on steering committees for the NC Capital Area MPO and the Durham-Chapel Hill-Carrboro MPO planning the use of CommunityViz software to develop new growth forecasts to the year 2040.

Triangle Regional Model Executive Committee
- Facilitated meetings of the executive committee that oversees the region’s transportation modeling.

Federal Air Quality Standards and Requirements
- Tracked and reported progress on federal consideration of changes to ozone pollution standards and areas that would be designated non-attainment under different scenarios.
Participated in NC Department of Environment & Natural Resources events related to timing and modeling needs for developing new Triangle region motor vehicle emission limits and southeastern US air quality modeling.

Partner Involvement and Support
- Participated in activities of the Regional Transportation Alliance, Triangle Transit, Capital Area MPO and Durham-Chapel Hill-Carrboro MPO.

Regional Data Center and Geographic Information Systems
- Acquired Census 2010 Tabular data and TIGER geography data for the Triangle J counties, and generated GIS files containing these data for each county.
- Acquired parcel, street centerline, and jurisdictional GIS data from Region J counties corresponding to the time period in which the 2010 Census surveys were administered in order to have a complete snapshot of geographic data for use by member governments.

Smart Growth and Technical Assistance
The Smart Growth Committee met periodically to share information on the development and infrastructure issues of greatest interest to the members.

Member Community Support
- Supplied information, provided guidance and participated in events as requested by member governments.

Regional Planning Support
- Participated in the North Carolina Chapter of the American Planning Association, including participation on the legislative committee; the Triangle Chapter of the Urban Land Institute, including the roundtable planning committee; the Z. Smith Reynolds roundtable on regional planning for the Piedmont Crescent; and the Governors Institute on Community Design.

Triangle Area Rural Transportation Planning Organization (RPO)

Transportation Project Selection
- Served on NCDOT’s Prioritization 2.0 and Mobility Fund Prioritization Committee, and also attended training sessions held by SPOT staff on the P2.0 process and the Partner Connect project data tool.
- Developed comprehensive lists and maps of funded and unfunded projects to help local governments in identifying potential new projects to add to the prioritization list.

Comprehensive Transportation Plans
- Provided support to Comprehensive Transportation Plan (CTP) processes in Orange County, Pittsboro, and Chatham County, and to the “pre-CTP” process in Moore County.

Support for Community Plans and Projects
- Participated in the steering committee for the Aberdeen Pedestrian Plan, the Moore County “Healthy Kids/Healthy Communities” task force, and developed a resolution supporting Sanford’s application for an NCDOT bicycle planning grant.
- Participated on the steering committee for the Chatham County Community Transit Service Plan; worked with the Town of Pittsboro to develop an application for CMAQ funding of a sidewalk project on East Street in Pittsboro.
- Conducted a special study to develop a pedestrian plan for the Town of Cameron.

The region has experienced tremendous growth since 1950 and is projected to continue this trend over the next two decades.
REGIONAL PLANNING (cont’d)

ENERGY AND ENVIRONMENT


Waste Reduction Partners
• Continued to work for a sustainable economy, healthy environment and a better quality of life by helping North Carolina organizations reduce waste and utilize natural resources efficiently.
• Performed 56 energy assessments in 21 counties across central and eastern North Carolina resulting in the following savings:
  Energy – $211,435; 12,480 MMBTUs; 1650 tons of green house gases;
  Solid Waste reduced – $18,284; 211 tons; and
  Water savings – $36,222; 4.1 million gallons.

Triangle Clean Cities Coalition
• Advocated the use of alternative fuels and advanced transportation technologies to improve air quality and energy security in the Greater Triangle Region of North Carolina resulting in the following savings:
  4.1 million gallons of gasoline equivalent reduced; and
  35 tons greenhouse gases reduced.
• Reached 3,578 persons through workshops and meetings.
• Recruited new stakeholders to the Triangle Clean Cities Coalition.
• Hosted or participated in over 50 meetings to promote alternative fuels, green technologies, sustainable practices, and alternative modes of transportation.
• Funded four new alternative fuel pilot projects in the Triangle.

Transportation Demand Management Program
• Coordinated and evaluated regional TDM activities, including efforts by numerous partners to reduce traffic and air pollution by promoting commute alternatives such as mass transit, carpooling, biking, teleworking, and vanpooling. These activities resulted in the following savings:
  28 million Vehicle Miles Traveled reduced;
  1.25 million gallons of gasoline equivalent reduced; and
  15.4 tons greenhouse gases reduced.
• Managed the funding for marketing activities and evaluated the effectiveness of these projects.
• Recruited three new service providers.

Serving as a central point for partnership, the Council for a Sustainable Triangle (C-FAST) promotes a shared vision for increasing sustainable design in the region by increasing energy efficiency via collaboration with its stakeholders through a host of activities. The program expanded to begin creation of a Regional Climate Action Plan.

During FY 2011 the Energy and Environment Program received $1.62 million in new grants; continued implementing over $10 million in grant funding received in FY2010; and passed over 80% of funding through to stakeholders, with Triangle J as the lead agency.

Retired volunteer engineers in the Waste Reduction Partners program conduct water, energy and solid waste assessments to help both public and private sector organizations become more environmentally sustainable.
WATER RESOURCES

The Water Resources Program consists of many projects in 3 broad areas: Water Supply and Wastewater Planning, Water Quality, and Watershed Planning and Research.

Water Supply and Wastewater Planning

Jordan Lake Partnership – Regional Water Supply Plan
• Supported the partners submitting letters of intent for Jordan Lake allocation requests.
• Developed a draft regional water supply plan with updated water supply projections through 2060 for thirteen regional partners.

Neuse Water Management Study
• Interviewed local system managers to obtain information on future plans for managing quantities of water withdrawn from, and treated water discharged into, the Neuse River Basin.
• Developed future hydrologic modeling scenarios, analyzed model results, completed study report, and presented findings.

Cape Fear Flow Study
• Assisted in educating local governments and citizens in the region about the project findings and issues through the project web site, presentations and periodic progress reports.

Water Quality – Nutrient Reduction

Upper Neuse River Basin Association
• Coordinated with the NC Division of Water Quality and members of the Falls Lake Nutrient Management Strategy. Held a joint session on new development implementation timelines.
• Participated in the Greater Triangle Stewardship Development Awards Program partnership and conferred awards to recognize land developments that better protect water resources and provide other community benefits.
• Researched and compiled the Piedmont Nutrient Reduction Sourcebook.

Water Quality – Monitoring

Upper Neuse Water Quality Monitoring Project
• Organized and facilitated stakeholder and working group meetings to ascertain potential monitoring objectives and inventory current monitoring efforts.
• Developed an online interface (Wiki) that enables the online discussion of monitoring objectives, plans, definitions and other material relevant to the discussion of the monitoring plan.

Upper Cape Fear River Basin Association
• Received continued support for the Association’s involvement with the Cape Fear River Assembly.
• Updated the Memorandum of Agreement between the Association and the NC Division of Water Quality for 2010-2015.

Triangle Area Water Supply Monitoring Project
• Managed a contract with USGS to provide real-time flow monitoring gages and monthly water quality monitoring at a number of stations.

Water Quality – Education, Outreach and Coordination

Clean Water Education Partnership
• Conducted fall and spring television campaigns on the importance of proper yard care and the maintenance of vegetation next to streams and their impacts on water quality.
• Conducted a summer radio campaign on automobile maintenance practices to safeguard water quality.

Regional Support
• Represented Region J local government interests on the NC Drought Management Advisory Council and the NC Water Resources Association Board of Directors.
• Developed a partnership with the Environmental Finance Center at the UNC School of Government to produce the annual water and sewer rates survey.
• Published the 2010 Triangle Area Water and Sewer Rates Survey.

Watershed Planning and Research

• Created new GIS data and developed a GIS data library for Phase I of the Great Coharie Creek Local Watershed Plan and developed a local subwatershed atlas for the Great Coharie Creek headwaters.
• Updated a riparian corridor conservation plan for the Eno River Association.
• Facilitated and promoted watershed restoration projects in the Upper Neuse and Swift Creek watersheds identified for the NC Ecosystem Enhancement Program (Phase IV).
• Advised principal investigators about water resources information, research needs, and practitioners who should be solicited to help guide the Triangle Urban Long Term Research Study.
**Staff Directory**

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FINANCIAL REPORT

FY 2011 Beginning Fund Balance: $900,751

Revenues Received FY 10-11

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<thead>
<tr>
<th>Source</th>
<th>Amount</th>
<th>Percentage</th>
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<tr>
<td>Interest Income</td>
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<tr>
<td>Other Income</td>
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<tr>
<td>Local Contributions</td>
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<td>State Government Grants</td>
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FY 2011 Ending Fund Balance: $1,027,559

Program Expenditures FY 10-11

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<td>Transportation</td>
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<td>General Government</td>
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<td>Economic &amp; Physical Development</td>
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<td>Human Services</td>
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<tr>
<td><strong>Total Expenditures</strong></td>
<td><strong>$15,135,085</strong></td>
<td><strong>100%</strong></td>
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Mission Statement

To serve as an intergovernmental organization for local elected officials that works proactively on regional issues in order to sustain and improve the quality of life for our citizens.