

GEORGIA SMART FALL WORKSHOP

5 September 2019

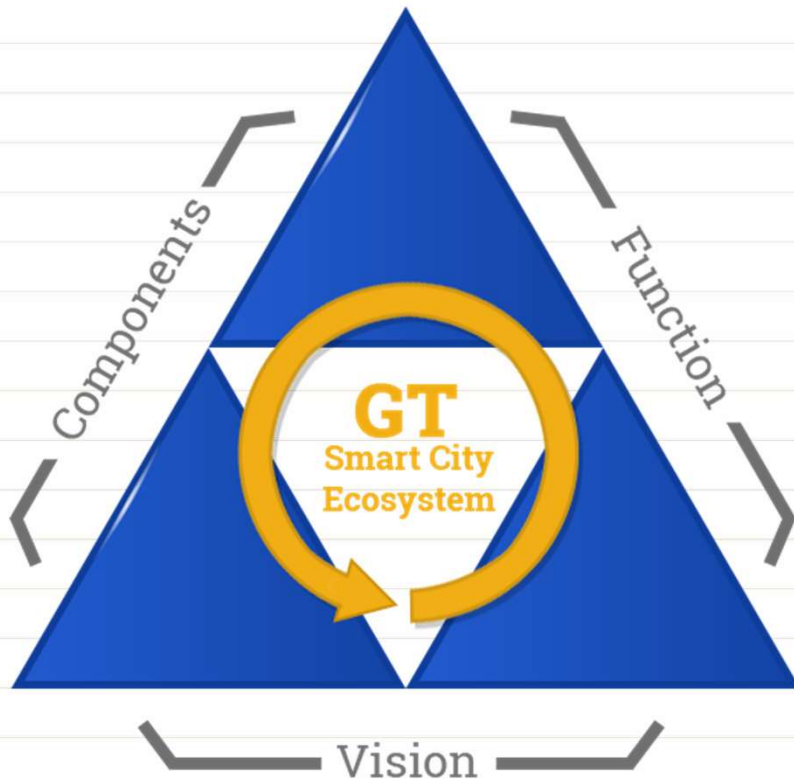
Social Media Tag
#GeorgiaSmart

WiFi

Network: GTRI-Conf
Security Key: STINGER!
Username: Sep
Password: TexasRangers



Smart Cities Framework





GEORGIA SMART COMMUNITIES CHALLENGE

Enabling Resiliency and Sustainability through
Academic Research and Public Sector Collaboration

Mission

The Georgia Smart Communities Challenge is a **first-of-its-kind** Grant Challenge for communities of any size in the state of Georgia to:

Empower communities to envision and plan for their
Smart and Connected Future

To spur smart community development throughout GA
To position GA as a smart community leader
Build a workforce that can lead in technological advance and
data-driven decision-making

Project Proposals



\$1.7M in Community Matching Funds

30+ Industry partners
15+ Community organizations
9 Local government resolutions
75 Letters of support

Data

Diversity of Data Collected & Leveraged

10 years of utility and housing data in Albany

37 smart sea level sensors in Chatham Co.

15 Fire & EMS vehicles tracked in Gwinnett Co.

Dozens of survey responses of potential AV riders in Chamblee

GT Researchers



Diversity of Disciplines

School of Architecture

School of Computer Science

School of Civil & Environmental Engineering

School of Earth & Atmospheric Science

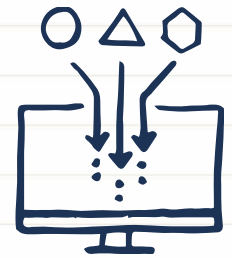
School of Public Policy

GT Students

Smart Community Corps Civic Data Science

5 Student interns embedded in communities
10 Student researchers supporting projects

6,000 Hours of project support



Onward and Upward

Driven by People

25+ Community Stakeholder Engagement Meetings
\$1.6M+ in Project Continuation Funds
Education outreach

Smart Ecosystem

2/3 of Georgia population engaged

1,100 Livestream views of the 2019 GA Smart Winners Announcement

500+ Attendees at GA Smart Workshops

3,000+ Newsletter Subscribers

900+ Webinar Views

50+ GT Researchers and professors profiled

Making it Happen
 To develop a smart process together, we look at a set of steps that focuses on a present problem while looking for a sustainable process that grows and adapts over time.

Understand Your People.

Building a smart and connected community starts with the people and understanding their goals for their community.

Identify the Data.

Data are central to the smart and connected community. A smart process relies on knowing what data you have, what data you need, and how to connect the right people to the right data.

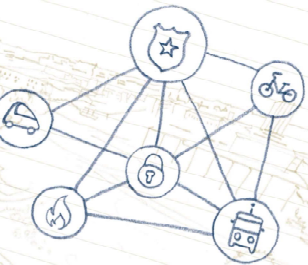
Create Partnerships.

Partnerships are built on a united vision and strong understanding of the roles and responsibilities of the respective parties. They are cemented on trust and knowing the parties are committed to the long run.

Through stage research make the and g tech

Macon-Bibb Giving the People Better Access to Local Government

Macon-Bibb County has several existing mobile applications and browser-based smart solutions, but these services are currently out of reach of economically disadvantaged neighbors who lack access to high speed internet or smartphone devices. SmartNeighborhoodsMBC promotes equity in economically stressed neighborhoods by placing Smart Kiosks in strategic locations such as community centers, libraries, recreation and public buildings to help under-privileged citizens better access and engage local government departments.



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FIELD GUIDE

Partnerships
 Working with partners is a process to figure out when to make decisions and when to make changes. As a project matures, different partners are needed to sustain in the long term. Management needs to be careful during the transition.



Collaborating
 Enable partners to provide feedback and decision-making.

Involving
 Work directly with partners throughout the project to ensure everyone's concerns and ideas are heard.

Collaborating
 Partner with and seek advice from partners at each stage of the project.

Empowering
 Place final decision-making in the hands of partners. Each partner will bring their own strengths to the project. A smart and connected community works toward developing and connecting those strengths.

during storms. This partnership depends on the partnership between different people: community groups, local and county government officials, and those helping with K-12 education initiatives. The team is conducting research with help from Georgia Tech's Earth and Atmospheric Sciences department as well as the Computing department. The pilot network will help to improve flood warnings, emergency response action plans, and actions for future storms to serve

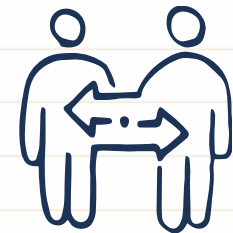
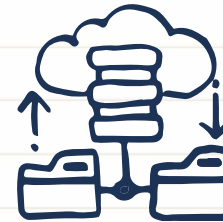


What We Do

Smart and connected communities rely on **people** and **data** to enable informed decisions, build more resilience and create a sustainable smart process.



Effectively linking these two assets in any community starts with a **research-led process** that builds on the fundamental scientific and technical expertise of Georgia Tech researchers.



Partners



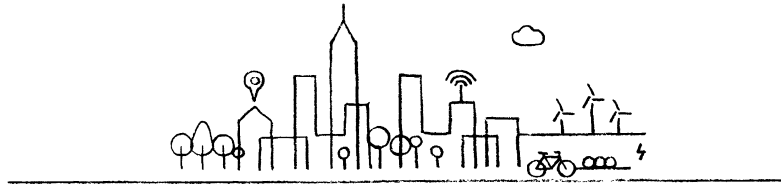
Georgia Power



Atlanta Regional Commission



GEORGIA SMART



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