

GEORGIA SMART COMMUNITIES CHALLENGE

Enabling Resiliency and Sustainability through
Academic Research and Public Sector Collaboration

Informational Session



APRIL 14, 2021
12-1pm

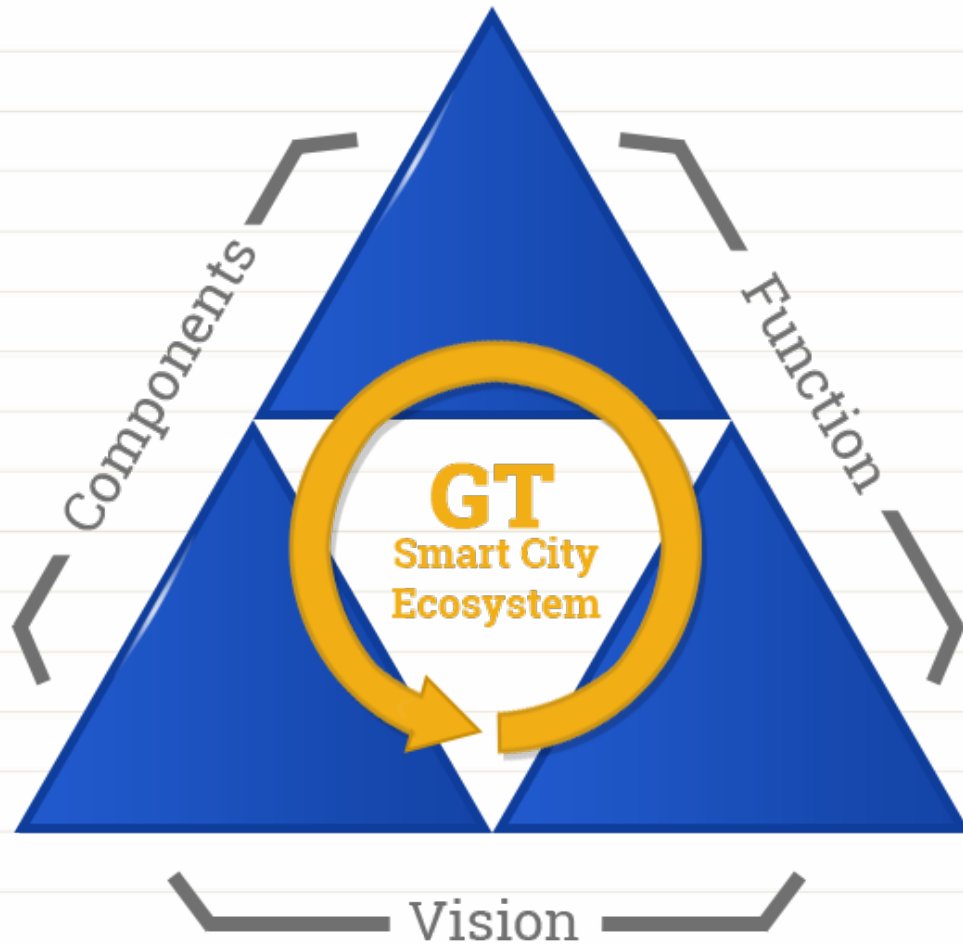
Social Media Tag
#GeorgiaSmart



Webinar Overview

- Georgia Smart
- Application Process
- Q&A

Smart Cities Framework



**Partnership for
Inclusive Innovation**

Innovation, Opportunity and Shared Economic Success

Mission

The **Georgia Smart Communities Challenge** is a 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

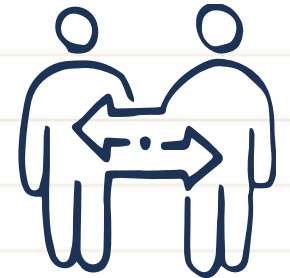
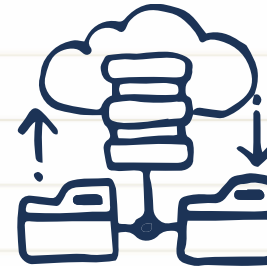
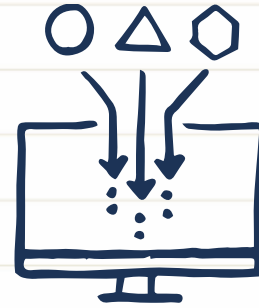
Build a workforce that can lead in technological advance and data-driven
decision-making

What is Georgia Smart?

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

This starts with a **research-led process** that builds on the fundamental scientific and technical expertise of academics and researchers.

Georgia Tech acts to **empower** communities in their journey becoming a smart community and while **building resilience for when the expected and unexpected occurs.**



GA Smart Communities



Smart Ecosystem

Communities representing 2/3 of Georgia population engaged

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

500+ Attendees at GA Smart Workshops

5,000 Newsletter Subscribers

1000+ Webinar Views

100+ GT Researchers and professors profiled

80 + Media Articles

10 + Scholarly Articles

Data

Diversity of Data Collected & Leveraged

10 years of utility and housing data in Albany

42 smart sea level sensors in Chatham Co.

15 Fire & EMS vehicles tracked in Gwinnett Co.

2 Multisensor Array of Things installed in Columbus

128 TIMMs units installed in Valdosta

28 students gathered neighborhood sidewalk data in Clayton County

2.2 Million property records linked in Savannah

Hundreds of survey responses from citizens

GT Researchers



Diversity of Disciplines

School of Architecture

School of City and Regional Planning

School of Computer Science

School of Civil & Environmental Engineering

School of Earth & Atmospheric Science

School of Public Policy

Workforce Development

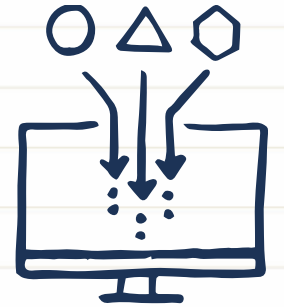
Smart Community Corps

Summer funding

Student work on smart community projects

GT researcher mentorship

Microsoft | SLS | Career Center | SGA



Onward and Upward

Driven by People

40+ Community Stakeholder Engagement Meetings
\$810K in Community Matching Funds from 2018 - 2019

Awards in research and industry

\$1.6M+ in Additional Investment Beyond GA Smart Grant

Making it Happen
develop a smart process
together, we look at a set of
processes 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
underprivileged citizens
better access and engage local
government departments.

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FIELD GUIDE

<http://gatech.bccdev.com/>

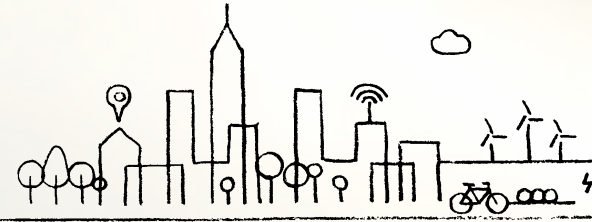
Partnerships
Working with partners
is a process to figure
out when to make
decisions as a project matures
and when to make
adjustments to different
stakeholders to sustain in the long
term. Management needs to be
flexible during a successful transition.



Chatham Piloting To Help Stakeholders During Natural Disasters

Chatham County will design,
develop, and test a pilot sensor
network for measuring sea level
flood risk in order to inform
government officials and other
key stakeholders in real time
during natural disasters
and storms. This project
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
prepare for future
disasters.

Georgia Smart 2021

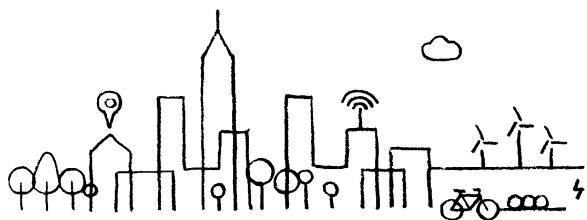


Community Connectivity

- **Agricultural Technology**
- **Healthcare**
- **Workforce Education & Development**

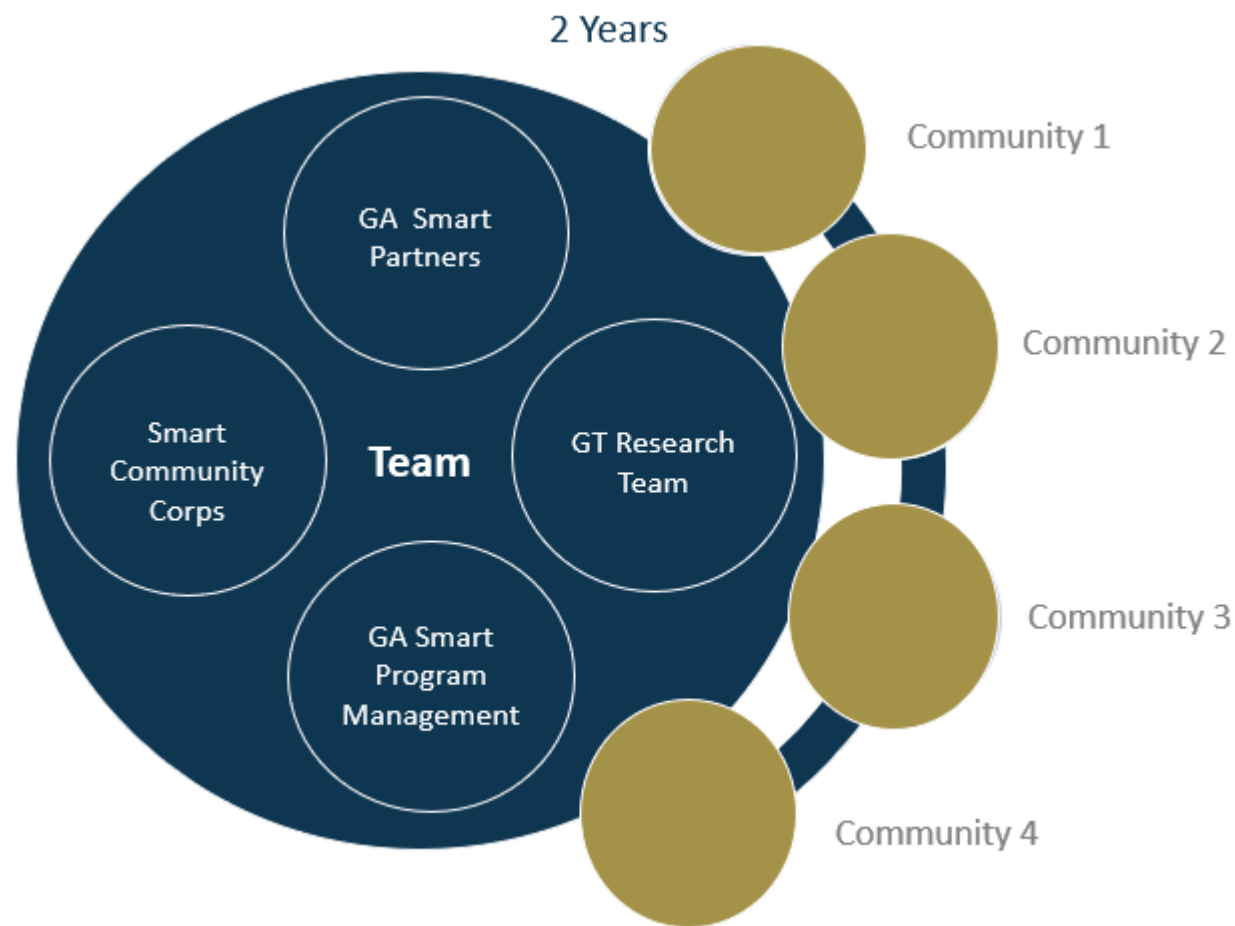
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Innovation, Opportunity and Shared Economic Success



Georgia Smart is

RESEARCH-LED SMART COMMUNITIES

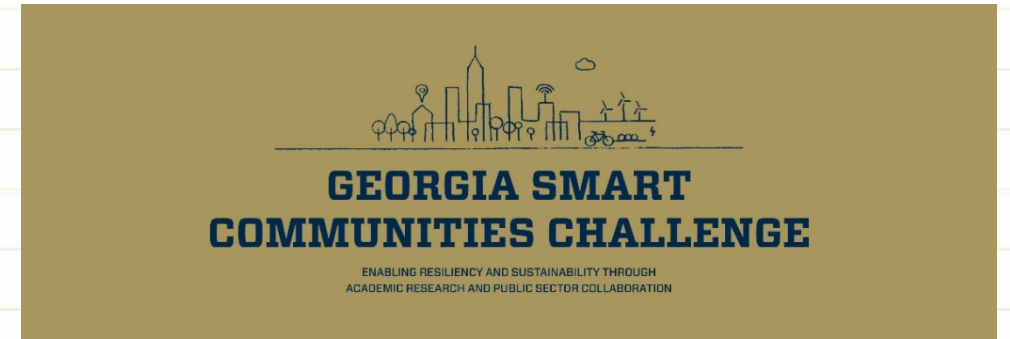


**Partnership for
Inclusive Innovation**

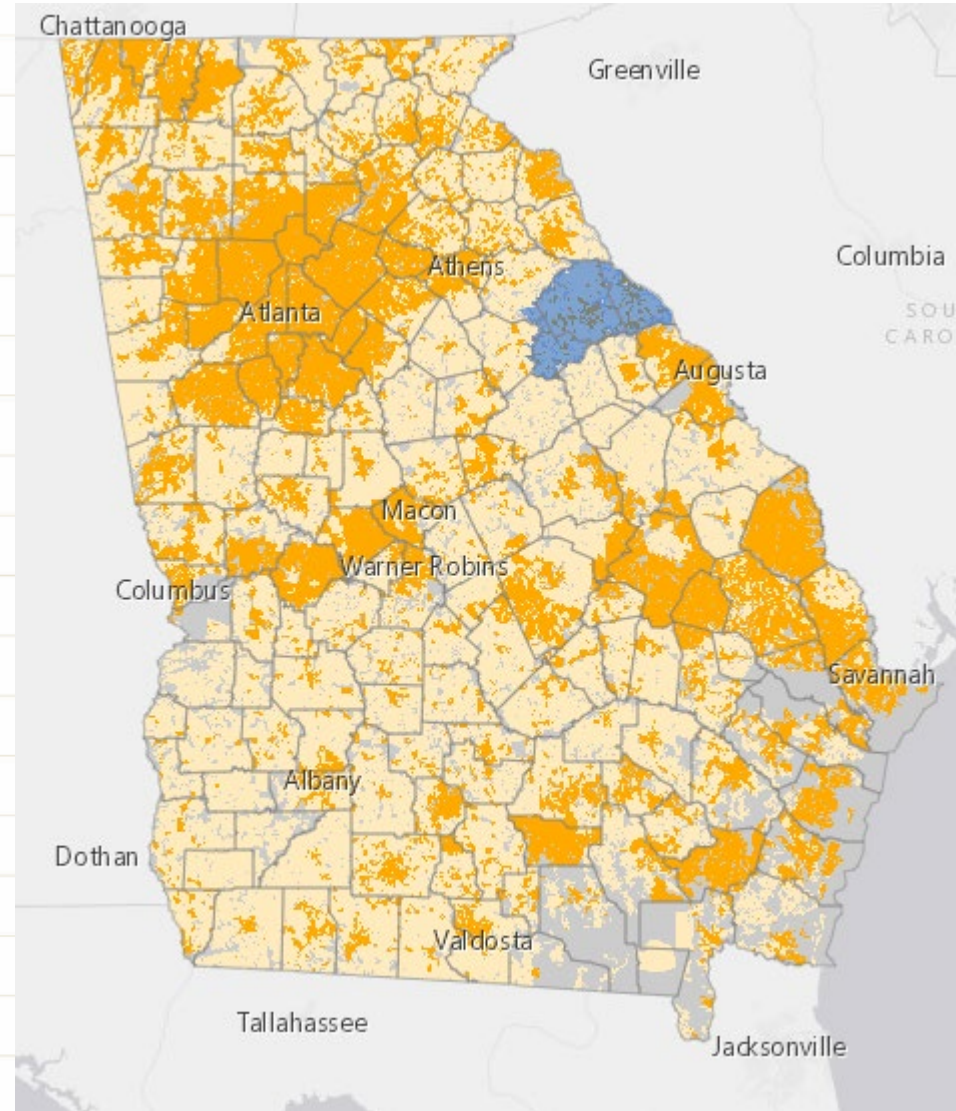
Innovation, Opportunity and Shared Economic Success

GA Smart Value

1. Proposal Development
2. Research Team
3. Network Support
4. Project Execution
5. Cohort Community
6. Smart Community Corps summer interns
7. Marketing-communications outreach
8. GA Smart partners support and connections
9. Smart development network and journey



Unserved Areas



GT Team

Researcher / Faculty

- Broad scope & leadership
- Applied research
- Technical system implementation
- Program planning assistance
- Expertise
- Evidenced based practice

Program Management

- Matching
- Recruiting
- Webinar series coordination
- Administrative facilitation
- Data & metrics tracking

Community Commitment

Contributing

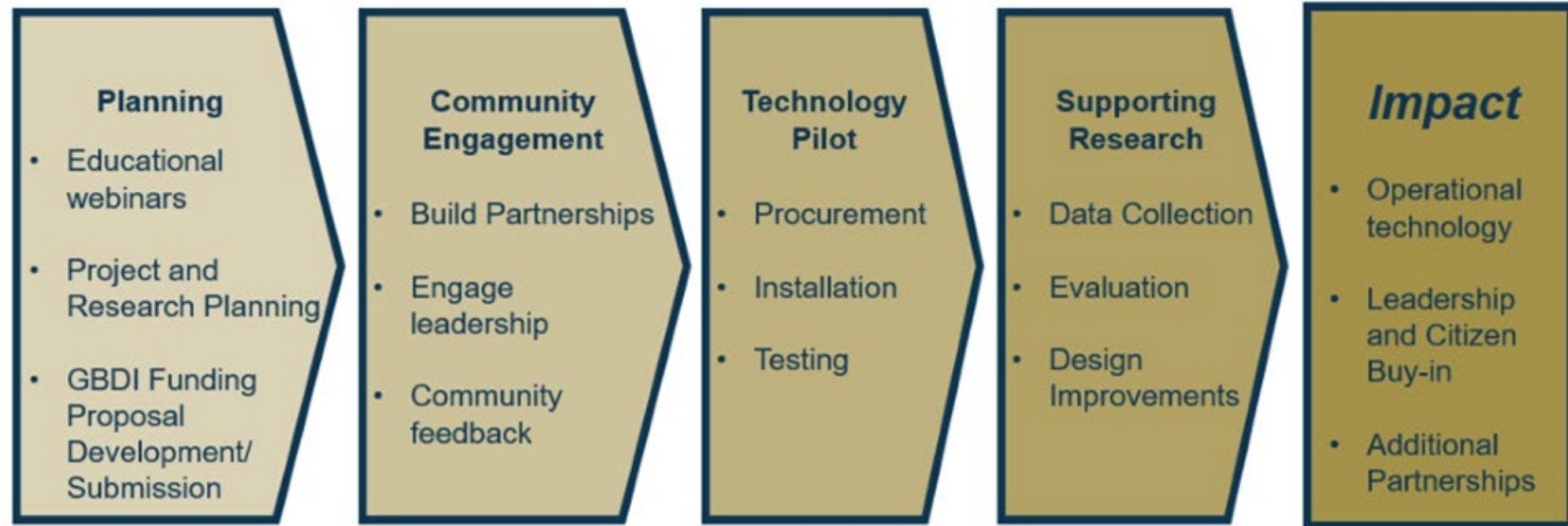
- Funding for staff time, SCC interns
- Evidence of funding for project (through partners, federal or state funding, or internal funds)
- Project champion / partners
- Senior leadership support

Receiving

- Research outcomes
- Expertise without fee
- Assistance in project execution
- Additional manpower
- Education
- Cohort community

Program

2 Year Program



Georgia Smart Request for Proposals



Website:

<https://smartcities.ipat.gatech.edu/2021-georgia-smart-communities-challenge>

Official Request for Proposals is Live

- Available on the website listed above in the *Important Information* section

Important Information

- Interested communities should review the [Georgia Smart Request for Proposals](#) and check our [Frequently Asked Questions](#) page for details about the 2021 challenge.
- Georgia Smart will form a cohort of up to 4 teams this year from the state of Georgia, each executing on their project plan.

- **Challenge Key Dates**

Challenge Launch: April 5th, 2021

Informational Webinar: April 14th, 2021 | 12pm-1pm

Pre-application (Required) Due: May 3rd, 2021

Final Application Due: June 1th, 2021

Winning Projects Announced: July, 2021

- Georgia Smart is requiring Pre-applications this year in an effort to assist communities in their proposal development:

[Pre-application Requirements](#)

[Submit your Pre-application](#)

- **Georgia Smart Final Application:**

[Application Requirements](#)

[Submit your Application](#)

Important Information

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RFP key application requirements

- Led by **local government entity** in the state of Georgia with a commitment to improving broadband in their community.
 - Letter of Support from local leadership
 - Focused **project topic**: Agricultural Technology, Healthcare, or Workforce Education and Development
- Submit **Pre-Application and Final Application** through Qualtrics survey

RFP key funding requirements

- Verified **documentation of source of funds** for the required cost sharing
- **GA Smart**: funding needed to participate in GA Smart
 - Staff time (30 - 40 hours)
 - Smart Community Corps (\$32,000)
- **GBDI**: funding needed for proposal
 - 50% match (minimum \$125,000)

RFP Recommendations

- Represent **community or corporate partnerships** and include letters of support or letters of understanding
- Address a **community need**, be inclusive, and think long term.
- Review **GBDI requirements** and identify synchronicities

Templates

Application and **Pre-proposal** templates are viewable and downloadable from the *Important Information* section of our website as a PDF.

Application Submissions

Pre-Application submission:

- 2,500-word limit
- Due May 3rdth, 2021, 5pm EDT
- Submission Portal: https://gatech.co1.qualtrics.com/jfe/form/SV_0xqJxpV0L3M3Epg

Application submission:

- 2,500-word limit
- 25 page limit for supporting documentation
- Due June 1st, 2021, 5pm EDT
- Submission Portal:
https://gatech.co1.qualtrics.com/jfe/form/SV_5mrxHXGkVwIBzYq

Questions?

Send us an email:
inclusiveinnovation@gatech.edu

GEORGIA SMART
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Read our FAQ:
<https://smartcities.ipat.gatech.edu/frequently-asked-questions>

Ask a question from our website:

2021 Georgia Smart Communities Challenge



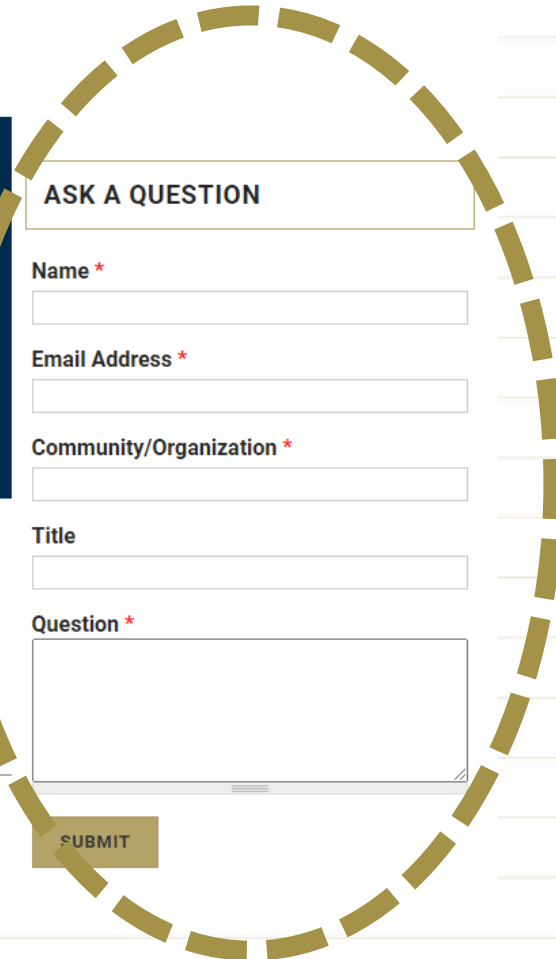
The 2021 Georgia Smart Communities Challenge is now open to applicants.

Read more about previous winning [Georgia Smart communities](#).

Find out more by attending our *Georgia Smart Informational Webinar*, April 14th, 2021 from 12noon-1pm.
[Register](#)

Challenge Highlights

Georgia Smart is a competitive program that supports local governments of any size within the State of Georgia—cities, counties, and consolidated city-county governments—by providing access to technical assistance, expert advice, and a network of peers. Georgia Smart communities will receive access to a breadth of resources including

A circular form with a dashed gold border. Inside the circle, at the top, is a white rectangular box with the text "ASK A QUESTION" in gold. Below this are four white input fields with gold labels: "Name *", "Email Address *", "Community/Organization *", and "Title". Below these is a larger white text area with the label "Question *". At the bottom of the circle is a gold rectangular button with the text "SUBMIT" in white.

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