



## H-GAC Web Tools

Thursday, April 28, 2022 – 2:00 p.m. to 4:00 p.m.

### AGENDA

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- 2:00 p.m.**      **Welcome and Introductions**  
*Todd Running, H-GAC*
- 2:05 p.m.**      **Interactive Regional Planning Tools**  
*Dr. Pramod Sambidi, H-GAC*
- 2:35 p.m.**      **On-Site Sewage Facility Mapping Tool**  
*Brian Sims, H-GAC*
- 3:05 p.m.**      **Watershed-Based Plans and Low Impact Development**  
*Justin Bower and Steven Johnston, H-GAC*
- 3:35 p.m.**      **Basin Summary Report**  
*Todd Running, H-GAC*
- 3:55 p.m.**      **Announcements and Closing**

# TODAY'S PRESENTERS

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## PRAMOD SAMBIDI



Dr. Pramod Sambidi is a Data Analytics and Research Manager at the Houston-Galveston Area Council (H-GAC). Pramod leads H-GAC's efforts in developing long-range demographic, economic, and land use forecasts for the Greater Houston region. He also leads H-GAC's efforts in designing and developing interactive web mapping applications and tools to assist local governments, planners, researchers, and businesses in effective decision-making process. Pramod has more than 15 years of experience in modeling, regional and urban economics, and data management. Pramod holds a Ph.D. in Agricultural Economics from Louisiana State University (2007).

## BRIAN SIMS



Brian Sims is a Senior Planner at H-GAC. Brian has been with H-GAC since March 2018 and works on developing the Regional Water Quality Management Plan and coordinates the Homeowner Wastewater Assistance Program. He also participates in the development of the Basin Summary and Basin Highlights Reports for the Clean Rivers Program. Brian has a Bachelor's degree in Biology from the University of Louisiana Monroe and attended graduate school at the University of Texas Medical Branch.

## JUSTIN BOWER



Justin Bower has worked for over 20 years in various natural resource management and resilience planning-related roles in local and regional government. His current efforts with H-GAC focus on project management for the agency's watershed protection, flood mitigation, urban forestry, and natural area conservation efforts within the 13-county region. He is actively involved in leadership roles with several water, forestry, conservation, and wildlife organizations in the Houston area.

**Presentations from today's webinar will be available at:**

[www.h-gac.com/clean-water-initiative-workshops](http://www.h-gac.com/clean-water-initiative-workshops)

# TODAY'S PRESENTERS

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## STEVEN JOHNSTON



Steven Johnston is a Senior Planner in the Community and Environmental Department at the Houston-Galveston Area Council. He has spent the past eight years working with the Houston-Galveston region's stakeholders developing Total Maximum Daily Load (TMDL) studies and executing TMDL implementation plans to address the area's water quality impairments.

Prior to joining H-GAC, Mr. Johnston spent twelve years working as a project coordinator for the Texas Commission on Environmental Quality's Galveston Bay Estuary Program, implementing the Galveston Bay Plan's Monitoring and Research and Water and Sediment Quality action plans. Mr. Johnston received his Bachelor of Science degree in Biology from the University of Houston at Clear Lake.

## TODD RUNNING



Todd Running, Water Resources Program Manager, has served at H-GAC for over 29 years. He is responsible for conducting water quality assessments for one river and three coastal basins in the Houston-Galveston area. He has also developed and directed over two dozen special studies regarding water quality issues in the H-GAC region. Under his leadership, H-GAC's Clean Rivers Program has produced a long series of innovative reports that have taken advantage of advances in computer technology and the web.

Over the last 20 years, H-GAC's Clean Rivers Program has continually expanded its ambient monitoring program to more sites and collected more parameters, with no increase in funding. Mr. Running is also responsible for overseeing the development of TMDL Implementation Plans, Watershed Protection Plans and the annual update of the Regional Water Quality Management Plan at H-GAC. Todd serves on the Environmental Committee of the North Houston Association and the Advisory Boards of the Bayou Preservation Association and the Environmental Institute of Houston at the University of Houston Clear Lake. He is also a Certified Stormwater Inspector.

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# RESOURCES

Find more information on the tools and mapping applications discussed in today's presentation at:

<https://www.h-gac.com/interactive-web-applications>

**H-GAC** Houston-Galveston Area Council

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## Interactive Web Applications

This page showcases the interactive web applications developed by H-GAC's Community & Environmental Planning Department, as well as a few related external applications.

Click on a thumbnail below to view a brief description of the application. To view the application, click on "Launch Application". You can filter applications using the list of filters listed below or select "Show All" at anytime to view all applications.

Please note that when you select an "External App" you will be leaving H-GAC's website.

### Disclaimer

These applications are intended for general reference and planning purposes only. Mapping may not reflect on the ground conditions. The Houston-Galveston Area Council makes no further claims as to the accuracy or reliability of the data, and neither assumes, nor will accept liability for their use.

**Show All**   **Planning**   **Transportation**   **Census**  
**Environment**   **Employment**   **Topics**   **Growth Forecast**  
**Land Use**   **Water Quality**   **External Apps**

### List of Applications

- Regional Origin-Destination (OD) Dashboard**
- H-GAC's 2020 Census Redistricting Data Tool**
- Regional Conservation Framework Tool**

**Interactive Web Applications**

**Contact Us**  
[CEGIS@h-gac.com](mailto:CEGIS@h-gac.com)  
713-627-3200

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**Past Interactive Planning Tools Seminar Series Recordings**  
Participants learned to use H-GAC's interactive mapping applications for community and transportation planning during a three-part seminar and hands-on workshop series.

- [Demographic Explorer and Snapshot - March 22, 2018](#)
- [Regional Employment Snapshot & Commuting Patterns Tool - April 26, 2018](#)
- [Activity-Connectivity Explorer - May 24, 2018](#)