

# POINT OF BEGINNING INITIATIVE

Supporting an educational pathway for K-12 students interested in pursuing a degree or career in the fields of geospatial engineering and land surveying.



## MEASURING THE PROBLEM

### A CRITICAL NEED FOR A SKILLED WORKFORCE

The number of skilled professionals entering the geospatial and land surveying fields has steadily declined and high-paying jobs across Texas are going unfilled. The average age of registered professional land surveyors in Texas is 60. With academic programs in land surveying seeing declines in enrollment, it is increasingly difficult to find new surveyors to step into roles left empty by a retiring workforce.

## MAPPING THE SOLUTION

### AN EDUCATIONAL PATHWAY FOR K-12 STUDENTS

To reverse these trends, education and awareness of geospatial engineering and land surveying is critical and must begin at the K-12 level. The Conrad Blucher Institute, in collaboration with educational and industry partners, has created an educational pathway for K-12 students interested in pursuing a degree or career in the fields of geospatial engineering and land surveying.

***The CBI Point of Beginning Initiative will be the Geospatial Engineering and Land Surveying Career and Technical Education Pathway for the State of Texas.***

However, we can't reach this goal without the support of educational and industry partners!

## HOW YOU CAN HELP

Educational entities, industry partners, and members of the geospatial engineering and land surveying community can support the Point of Beginning Initiative by:



Making a monetary donation to the CBI Point of Beginning Initiative.



Donating used surveying equipment such as field books, hard hats, vests, total stations, etc.



Volunteering to assist and train Geospatial Engineering and Land Surveying Students in their GIS or Surveying practicums/labs.



Serving as board members for their local Geospatial Engineering and Land Surveying Career and Technical Education (CTE) Program.



TEXAS A&M  
UNIVERSITY  
CORPUS  
CHRISTI  
**CONRAD BLUCHER  
INSTITUTE**  
FOR SURVEYING AND SCIENCE

### FOR MORE INFO

Visit [conradblucherinstitute.org/pob](http://conradblucherinstitute.org/pob),  
email [CBIPOB@tamucc.edu](mailto:CBIPOB@tamucc.edu)  
contact Seneca Holland at 361-960-2527







# Houston Area GIS Day

is the largest showcase of its kind on how GIS is used around the world! This is a great opportunity for you and your students to learn about an exciting technology. You and your students will participate in hands-on activities, compete in GIS themed games, attend live technology demonstrations and GIS presentations.

**When: Nov 22<sup>nd</sup>, 2024**

**Free Event**  
**Free Lunches**  
**Scholarships**




Early access!  
Register by Sept 15th, 2024



Learn more about  
the Event



# Houston Area GISday



Friday, November 22nd, 2024 from 9am to 1pm.

University of Houston-Clear Lake

## You're Invited!

Your Gateway to Geospatial Exploration!

Discover the power  
of maps!



Play Games &  
Win Prizes!

Are you curious about maps, technology,  
and how they shape the world around us?  
If so, this is your chance to dive into the world of  
**Geographic Information Systems (GIS)!**

Don't miss out! Uncover the incredible world of GIS and show off  
your skills in our contests. Get ready to explore, learn, and maybe  
win big!

Visit <http://www.houstonareagisday.org/>  
Contact Us [HoustonAreaGISDayOrg@gmail.com](mailto:HoustonAreaGISDayOrg@gmail.com)