

RCOAST

transforming 4D data into coastal resilience

Position: Remote Drone Pilot, Multiple Roles Open

Employment: Contract-based, with possible transition to Full-Time

Contract-Based: \$45–\$65/hour (based on experience), *with overtime pay plus full per diem and travel expenses covered for all field missions.*

Location: Gulf and Atlantic Coast of the U.S.

Who We Are. RCOAST is a coastal change data company advancing intelligent adaptation through repeat drone-based LiDAR, RGB, and hyperspectral data capture. We provide communities, engineers, and academics with seasonal and rapid response data collection, mitigation performance indices, and science-based adaptation solutions. RCOAST's living mitigation libraries reveal what works, where, and why—transforming complex coastal dynamics into clear, actionable intelligence. Our goal is simple: help coastal engineers, scientists, and decision-makers work smarter and faster, so together we can preserve the world's coastlines for generations to come.

Role Overview. We are seeking **multiple Remote Drone Pilots (FAA Part 107 Certified)** to join our mission-driven team advancing coastal resilience through data and science. These remote roles will be based along the Atlantic and Gulf Coasts of the U.S. and require frequent travel for both scheduled field missions and rapid-response deployments, including pre- and post-storm data collection.

The ideal candidate has hands-on experience with UAV-based LiDAR, RGB, and hyperspectral datasets, with required proficiency in Python scripting for workflow automation. Experience setting up base stations for RTK corrections, working with the National Geodetic Survey, uploading and processing data through OPUS, and georeferencing LiDAR and imagery datasets using ground control points (GCPs) is required. The ability to create compelling graphics and visualizations is encouraged, though not essential.

Equally important, we are looking for someone who thrives in a small, collaborative team environment—bringing positivity, clear communication, and a supportive spirit to our startup culture. We are a young, energized group of coastal scientists, and we want someone who is equally excited to grow with us as we build the tools communities need to protect the world's coasts.

These Remote Drone Pilot roles will support projects across the Atlantic and Gulf Coasts, playing a critical role in capturing high-quality data to track and manage coastal change. Experience mapping coastal systems and an understanding of coastal processes are strongly preferred.

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Required Qualifications.

- FAA-certified UAV Pilot with an active Part 107 license.
- Remote role based on the Gulf and Atlantic Coasts of the U.S.; frequent travel required
- Demonstrated experience planning, executing, and managing UAV flight missions for data collection.
- Experience setting up RTK base stations, working with National Geodetic Survey data, processing data through OPUS, and georeferencing datasets with ground control points (GCPs).
- Skilled in collection, processing and georeferencing of LiDAR, multispectral, and RGB datasets.
- Willingness to travel for both regularly scheduled projects and rapid-response mobilizations.
- Excitement to build and lead a remote pilot team, including developing SOPs for data collection and data management.
- Leadership mindset, with enthusiasm for building and managing a remote pilot team and developing SOPs for data collection, data management, and field operations.

RCOAST IS HIRING!

LEAD DRONE PILOT
CONTRACT-BASED, REMOTE POSITION

Qualifications:

- FAA-certified UAV Pilot with an active Part 107 license.
- Remote role based on the East Coast; frequent travel required
- Demonstrated experience planning, executing, and managing UAV flight missions for data collection.
- Skilled in initial processing and georeferencing of LiDAR, multispectral, and RGB datasets.
- Willingness to travel for both regularly scheduled projects and rapid-response mobilizations.
- Excitement to build and lead a remote pilot team, including developing SOPs for data collection and data management.

Send Your Resume:

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MAP THE CHANGE THAT MATTERS!