

Short Flight, Big Insight: Wetland Mapping in Point Judith

By TerraLens

Overview

This short drone flight was conducted over a coastal wetland in **Point Judith, Rhode Island**, using a pre-programmed waypoint mission created with [FlyLitchi.com](https://flylitchi.com). The goal: to capture high-quality aerial imagery of the wetland while maintaining low impact on the natural environment.

Flight Details

- **Drone:** DJI Mini 2
- **Software:** FlyLitchi waypoint mission
- **Location:** Point Judith, Rhode Island
- **Altitude:** 50 meters
- **Flight Time:** ~9 minutes
- The mission used a **nadir view (gimbal pitch -90°)** to capture true top-down imagery ideal for mapping and analysis.

The waypoint-based approach ensured smooth, consistent image capture across the wetland area—ideal for stitching into an orthomosaic or assessing vegetation density and water flow patterns.

Why It Matters

Even a brief mission like this can provide useful data for **wetland monitoring, conservation efforts, or environmental education**. Drones enable safe, repeatable observations in areas that are difficult or disruptive to access on foot.

This mission reflects the TerraLens commitment to combining technology and environmental science to document, understand, and help protect our natural spaces.



Samples of pictures taken along the flight path shown above.

