

Map of Florida showing the locations of 16 Innovative Technology Grants for FY2025-26. The grants are numbered 1 through 16 and are distributed across the state, with a higher concentration in the central and southern regions. A legend in the bottom left corner identifies the blue circles as 'Innovative Technology Grants, FY2025-26'. The map includes labels for major cities, national forests, and national parks.

Innovative Technology Grants, FY2025-26

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Innovative Technology for Harmful Algal Blooms Grant Projects

Project Number	Partners	Project Name	Category	Award
1	University of Florida's Institute of Food and Agricultural Sciences	Reducing Suwannee Valley Nitrogen Loading via Variable Rate Nitrogen Applications in Center Pivot-Irrigated Cornfields	Nutrient Reduction	\$642,442
2	Florida Institute of Technology	Demonstration of Quick Reef™ for Nutrient Reduction and Water Quality Improvement in Treasure Coast	Nutrient Reduction	\$999,377
3	Florida Polytechnic University	Innovative Floating Biochar Denitrification Columns for Nutrient Removal in Constructed Wetlands	Nutrient Reduction	\$307,603
4	University of Miami	Smart Pervious Concrete for Nutrient Run-Off Reduction	Nutrient Reduction	\$499,939
5	Florida Gulf Coast University	Use of HABS-BLOCKS to Mitigate Harmful Algal Blooms in Lake Okeechobee and Nearby Waterways	Waterway Nutrient Removal and Clean Up	\$259,316
6	Florida Institute of Technology	Coupled Electrochemical Phosphorus Removal and Sediment Stabilization to Remove Phosphorus from the Water Column and Decrease Internal, Benthic Nutrient Fluxes	Nutrient Reduction	\$297,500
7	Escambia County	Bio-Health Pod Systems for Nutrient Reduction in Escambia County	Waterway Nutrient Removal and Clean Up	\$250,000
8	Florida International University	Microbubble and Lab-Raised, Native Rotifer Grazing Treatments for South Florida Waterways	Waterway Nutrient Removal and Clean Up	\$529,714
9	University of Florida's Institute of Food and Agricultural Sciences	Integrated Water Treatment and Biological Soil Regeneration for Nutrient Reduction and Harmful Algal Bloom Prevention on Golf Courses	Nutrient Reduction	\$1,071,677
10	Polk County	Nutrient Reduction Using Post Disaster and Alternative Wood Source Biochar	Nutrient Reduction	\$650,000
11	Miami-Dade Water and Sewer Department	Reducing Watershed Nutrient Loads with HyBrTec Biosolids-to-Hydrogen Demonstration	Nutrient Reduction	\$1,626,153



PROTECTING TOGETHER

Project Number	Partners	Project Name	Category	Award
12	City of Lakeland	Nutrient Extraction and Re-use Strategy for Florida: A Transformational Solution for Municipal and Agricultural Waste Management to Prevent Harmful Algal Blooms	Nutrient Reduction	\$2,275,300
13	Florida Atlantic University	Developing Novel 3D-Printed Adsorbent Materials for Phosphate Removal from Surface Waters	Nutrient Reduction	\$600,380
14	University of Florida's Institute of Food and Agricultural Sciences	Optimization of Denitrification Bioreactors Using Liquid Carbon Amendments to Maximize Nitrate Removal	Nutrient Reduction	\$815,080
15	University of South Florida	Novel in Ground Hybrid Adsorption Biological Treatment System for Enhanced Onsite Wastewater Treatment	Nutrient Reduction	\$293,484
16	Seminole County	Lake Jesup Passive Nutrient Reduction Pilot Project	Nutrient Reduction	\$415,600
Total:				\$11,533,565

