

CAPABILITY STATEMENT



University of Puerto Rico
Mayagüez Campus
www.uprm.edu

The University of Puerto Rico Mayagüez (UPRM) is a **Hispanic-Serving Institution** and a **public Land-Sea-Space grant university** established in 1911. It is the flagship **engineering** and **agriculture** education and research campus of the UPR system. Sixty-one research centers and one institute for community service provide essential expertise and structure to the institution's research ecosystem.

Accreditations

MSCHE, PRCHE, ACS, NLNA, ABET, IACS

DUNS No: 175303262
CAGE Code: 1FKM5
NAICS: 541715, 611310
SIC: 8299
Federal EIN: 66-0433761

Differentiators

- Puerto Rico is a prime location to test and optimize newly-developed technologies.
- UPRM brings to bear the ample expertise of its faculty and its network of collaborators to apply a convergent and interdisciplinary approach to its projects.
- Research at UPRM provides unique opportunities to engineering students from underrepresented groups—specifically women and Hispanics, fostering diversity in the future workforce.
- UPRM's technical approach leverages a uniquely trained engineering workforce to provide integrated solutions in the context of a global economy.
- As an Institution of Higher Education, UPRM has extensive experience in fostering community engagement and providing a supportive, positive environment to potentiate its human resources and drive mission success.

Contact information

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Core Competencies

UPRM offers unique expertise, experience, and cutting-edge research capabilities in:

- Advanced Materials (Synthesis and Characterization), Nanomaterials
- Aerospace Engineering, Unmanned Systems, and Aeronautics
- Water Quality Sensing, Management, Purification and Treatment
- Energy Management, Clean and Renewable Energy
- Fluid Mechanics
- Polymer Membranes, Organic Photovoltaics
- Marine Ecology, Hydrodynamics
- Transportation Systems, Structural Engineering
- Remote Sensing & Imaging

Past Performance

NASA

- HARPOONS-Hybridspectral Alternative For Remote Profiling Of Optical Observations For Nasa Satellites

NSF

- UPRM CREST: Nanotechnology Center for Biomedical, Environmental and Sustainability Applications
- Wisconsin – Puerto Rico Partnership For Research And Education In Materials
- RII Track-2 FEC: Center for a Sustainable Water, Energy, and Food Nexus (SusWEF)
- Crisp Type 2: Interdependent Electric and Cloud Series For Sustainable, Reliable and Open Smart Grids.

NOAA

- Advancing The Caribbean Coastal Ocean Observing System (CARICOOS)

DOD

- Synthesis And Characterization Of Polymer-Metal Nanostructured Membranes

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