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2024 PUERTO RICO SYMPOSIUM ON MICROGRIDS

December 3-6, 2024
University of Puerto Rico, Mayaguez

www.microgrid-symposiums.org



COASTAL RESILIENCE CENTER
A U.S. Department of Homeland Security Center of Excellence



UPRM Coastal Resilience Center
Department of Civil Engineering and Surveying, University of Puerto Rico at Mayagüez





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Welcome to the UPRM Coastal Resilience Center!

The UPRM Coastal Resilience Center (CRC) is sponsored by the Department of Homeland Security. The objective of the CRC is to provide resilience education and help develop the workforce of first responders, professionals, students, and faculty, who work against hazards affecting the coastal infrastructure with a special focus on our Island.



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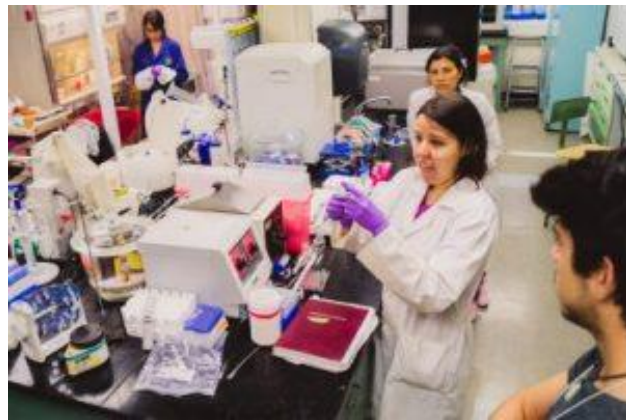


IEEE Western Puerto Rico Section





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BOTTOM-UP MICROGRIDS FOR PUERTO RICO

2024 INTERNATIONAL MICROGRID SYMPOSIUM
4 DE DICIEMBRE DE 2024, MAYAGUEZ, PUERTO RICO

Power and Energy Team
Slides compiled by Marcel



VEGUITA ZAMAS, JAYUYA

Justicia Energética: Colaboración Oasis de Luz





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Efraín O'Neill y estudiantes de UPRM
Barrio Borinquen, Caguas
Marzo, 2018



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Castañer, Lares
Noviembre, 2020
Foto: marcel





Castañer Microgrid: 2021 Pilot Project Analysis



Castañer Microgrid: May 27, 2022



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Photographer: Alejandro Granadillo/Bloomberg



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Mayagüez, 2020
Foto: marcel

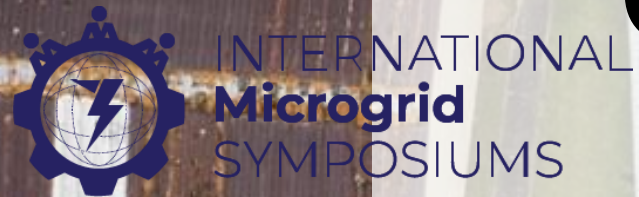




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Photo: Cooperativa Hidroeléctrica de la Montaña
<https://www.eesi.org/articles/view/microgrids-in-puerto-rico-keep-rural-communities-connected>



Castañer Microgrid Cooperative: Lessons Learned



Photo by Alejandro Granadillo/Bloomberg, <https://www.bloomberg.com/news/features/2022-12-12/how-a-solar-microgrid-became-a-town-s-lifeline-in-blackout-prone-puerto-rico>



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Microgrid 2

**Square of
Adjuntas**



Microgrid 1

Adjuntas, Puerto Rico
Foto: Fabio Andrade

