



Electrical and Computer Engineering

University of Puerto Rico, Mayagüez Campus



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CASA: Collaborative Adaptive Sensing of the Atmosphere

CASA seeks to advance fundamental knowledge and provide societal benefits by creating a new engineering paradigm for observing, detecting, and predicting weather and other atmospheric phenomena. Distributed refers to the use of a dense network of radars capable of high spatial and temporal resolution. These systems will operate collaboratively within a dynamic information technology infrastructure, adapting to changing conditions in a manner that meets competing needs of end users, the government, private industry, and the public. This \$40 million center brings together a multidisciplinary group of engineers, computer scientists, meteorologists, sociologists, graduate and undergraduate students, and industry and government representatives to conduct fundamental research, develop enabling technology, and deploy prototype engineering systems based on a new paradigm: Distributed Collaborative Adaptive Sensing (DCAS).

Contacts:

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More information:

<http://casa.ece.uprm.edu>

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