

Collaborative resilience project between University of Puerto Rico campuses receives funding from NSF ^[1]

Submitted on 10 August 2018 - 7:43pm

This article is reproduced by CienciaPR with permission from the original source.

Calificación:



No

CienciaPR Contribution:

National Science Foundation ^[2]

Original Source:



A collaborative project between the University of Puerto Rico Mayagüez, Río Piedras and Ponce campuses has received over \$1 million in funding from the National Science Foundation (NSF).

This project will advance the aims of the HSI Program by increasing the number of students who complete baccalaureate degrees in engineering or related degrees in resilient and sustainable infrastructure. This collaborative project between the University of Puerto Rico (UPR) Mayaguez, UPR Rio Piedras and UPR Ponce will develop an interdisciplinary Resilient Infrastructure and Sustainability Program to educate undergraduate STEM students in engineering and related skills needed to respond to natural disasters. After a natural disaster, many different organizations and STEM fields must work together to rebuild the local infrastructure. This project aims to develop an interdisciplinary, shared curriculum that links students enrolled in associate degree programs to baccalaureate degree programs. The project aims to foster student interest and learning by developing a database of case studies based on real events such as the recent devastation caused by Hurricanes Irma and Maria. The project will also facilitate student placement in internship programs and research opportunities with state and federal agency partners, including the US Army Engineer Research and Development Center and the US Department of Homeland Security Coastal Resilience Center of Excellence.

For more information click [here](#) [3].

Tags:

- [NSF](#) [4]
- [Resilience](#) [5]

- Sustainability [6]
- sustentabilidad [7]
- resiliencia [8]

Source URL:<https://www.cienciapr.org/en/external-news/collaborative-resilience-project-between-university-puerto-rico-campus-receives?page=5>

Links

[1] <https://www.cienciapr.org/en/external-news/collaborative-resilience-project-between-university-puerto-rico-campus-receives> [2] https://www.nsf.gov/news/news_summ.jsp?cntn_id=296207 [3] https://www.nsf.gov/awardsearch/showAward?AWD_ID=1832468 [4] <https://www.cienciapr.org/en/tags/nsf-0> [5] <https://www.cienciapr.org/en/tags/resilience> [6] <https://www.cienciapr.org/en/tags/sustainability> [7] <https://www.cienciapr.org/en/tags/sustentabilidad> [8] <https://www.cienciapr.org/en/tags/resiliencia>