10ma Reunión Cumbre del Consejo de Cambios Climáticos de Puerto Rico

Impactos de los cambios climáticos en la salud

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Application of Artificial Neural Networks for Dengue Fever Outbreak Predictions in the Northwest Coast of Yucatan, Mexico and San Juan, Puerto Rico

Abdel E. Laureano-Rosario 1, 6, Andrew P. Duncan 7, Pablo A. Mendez-Lazaro 1, 5, Julian E. Garcia-Rejon 5, Salvador Gomez-Carno 5, 6, Jose Farfan-Ale 6, Dragan A. Savic 2, 6 and Frank E. Muller-Karger 1

SPECIAL ISSUE: LATIN AMERICA/CARIBBEAN

A heat vulnerability index to improve urban public health management in San Juan, Puerto Rico

Pablo Mendez-Lazaro 1, 5, Frank E. Muller-Karger 1, 5, Daniel Otto 1, 5, Matthew J. McCarthy 2, 6, Ernesto Rodriguez 1

The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come


Linking Wetland Ecosystem Services to Vector-borne Disease: Dengue Fever in the San Juan Bay Estuary, Puerto Rico

Rebeca de Jesus Crespi 1, 7, Pablo Mendez Lazaro 1, 5, Susan H. Yee 6

Assessing Climate Variability Effects on Dengue Incidence in San Juan, Puerto Rico

Pablo Mendez-Lazaro 1, 5, Frank E. Muller-Karger 1, 5, Daniel Otto 1, 5, Matthew J. McCarthy 2, 6 and Marisol Peña-Orellana 3

Climate change, heat, and mortality in the tropical urban area of San Juan, Puerto Rico

Pablo A. Mendez-Lazaro 1, 5, Cynthia M. Perez-Cerbona 2, 7, Ernesto Rodriguez 1, 5, Odilys Martinez 2, 7, Marilyn Tabares 2, 7, Arcelis Bucanegra 2, 7 and Rafael Mendez-Tejeda 4
The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come

The Impacts of Climate Change on Human Health in the United States: A Scientific Assessment
One Health Approach
Health Vulnerability to Weather and Climate

Public Health Infrastructure - information and knowledge systems
Essential Capabilities - surveillance
Health Disparities - social determinants of health
Climate Sensitive PH Risks - heat

Opportunity

Tools or products for decision-making

climate-sensitive public health risks
useful resources and tools
climate and weather science
Proyectos en curso:

- NASA--Early Warning of Synoptic Air Quality Events to Improve Health and Well Being in the Greater Caribbean Region

- NIH--Impact of Hurricane-Related Stressors and Responses on Oncology Care and Health Outcomes of Women with Gynecologic Cancers from Puerto Rico and US Virgin Islands

- NOAA: Building Public Health Resilience to Severe Weather in a Changing Climate

- NSF--Urban Resilience to Extreme Weather Events-SRN
Gracias por su atención: Preguntas de discusión

♦️ How significant of a problem is heat to public health in PR? Why do you think it is or is not significant?

♦️ How do you envision One Health approach can help lead climate and health adaptation in PR?

♦️ Do you think the public sees heat as a problem? Why or why not?

♦️ Where do you get your information on climate change and health?

♦️ What role do you see climate change and public health playing in today’s education?

♦️ Are there any health related training topics that you are interested in learning about?

♦️ What types of information do you rely upon from Climate and Health?