

# PUERTO RICO KARST WATER RESOURCES AND CLIMATE CHANGE WHAT'S AT STAKE?

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Regardless of any personal opinion and any doubts, all serious research has confirmed that the climate is changing to become warmer with higher temperatures, higher sea levels due to the melting of glaciers and polar ice shields, changes in rainfall either with extreme rainfalls with floods or more frequent droughts, which are already affecting all lifeforms.

The Earth's climate has changed throughout history. The current warming trend is of particular significance because most of it is extremely likely (greater than 95 percent probability) to be the result of human activity since the mid-20<sup>th</sup> century and proceeding at a rate that is unprecedented over decades to millennia.

How does this affect Puerto Rico's water availability, in particular its effect on the karst aquifers is of vital importance. What at stake?