

Pacific Islands Climate Science Center Webinar Series

presents

Sensitivity of Low Flows to Rainfall Variability in Ungaged Hawai'i Streams

with **Maoya Bassiouni**

US Geological Survey, Pacific Islands Water Science Center

Friday, April 1 at 11:00 HST*

In Hawai'i, the beneficial uses of streams include supplying freshwater for irrigation and domestic needs, providing for traditional Hawaiian practices, and maintaining habitat for native stream fauna. Climate change will affect the availability of stream water for these purposes in the years to come, so Bassiouni and her team used statistical models to estimate surface-water availability during low-flow conditions for past and future rainfall and panel regression methods to understand the sensitivity of streamflow to climate. The methods developed for this case study of Maui perennial streams are transferable to other Pacific islands as well as continental settings.



*[2PM PDT/ 5PM EDT/ 9PM UTC/April 2, 7AM ChST]

Webinar and Call-in Information

Title: Bassiouni Hawaii Stream Low-Flows
Date: Friday, April 1, 2016
Time: 11:00 am, Hawaii Time
(Honolulu, GMT-10:00)
Meeting Number: 713 511 559
No password

About 10 minutes before the meeting...

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