

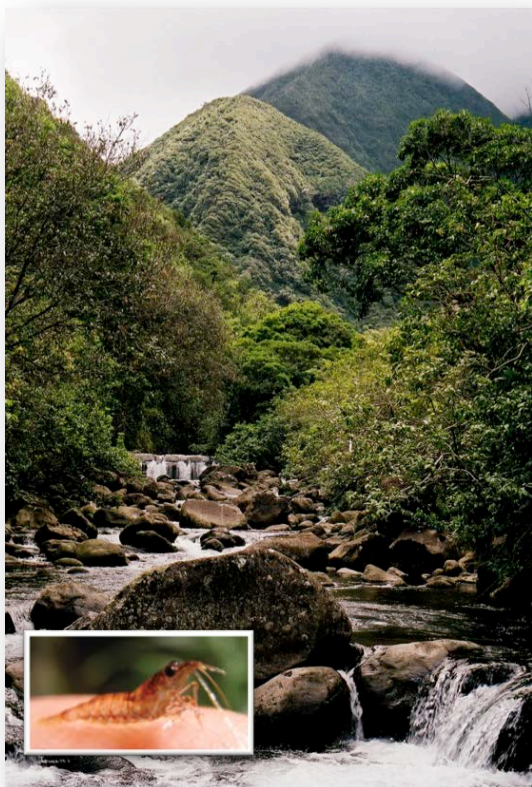
Pacific Islands Climate Science Center

presents the Pacific Climate Science Webinar Series

Climate-change Effects on Low Flows and Habitat in Hawai'i Streams

with **Maoya Bassiouni**

Pacific Islands Water Science Center, US Geological Survey



Maui streams provide aquatic habitat for native species like this Hawaiian shrimp, or 'opae (inset).

Photos: M. Bassiouni

Thursday, September 3 at 11:00 HST

[2 PM PDT/ 5 PM EDT/ 9 PM UTC/

Friday, Sept. 4, 7 AM ChST]

Climate change will affect the beneficial uses of stream flow, which include supplying freshwater for irrigation and domestic needs, providing for Hawaiian practices, and maintaining habitat for native stream fauna. In a case study for perennial streams on Maui, Bassiouni estimated the spatially variable changes in low flows and usable stream habitat using two sets of downscaled rainfall projections for the late 21st century. Results of this study provide a spatial understanding of how projected changes in rainfall affect stream low flows and usable habitat for native aquatic species.



Webinar and Call-in Information for PICSC

Webinar—Bassiouni Maui Low-Flows

Date: Thursday, September 3, 2015

Time: 11:00 am, Hawaii Time (Honolulu, GMT-10:00)

Meeting Number: 718 507 227, no password

About 10 minutes before it is time for the meeting...

1. Go to [this WebEx link](#)
2. If requested, enter your name and email address.
3. **To hear the speaker, you must call the teleconference:**

Call [855-547-8255](tel:855-547-8255) plus 71487# when prompted