

## Thomas Brauer, P.E.

Senior Research Hydraulic Engineer Hydrology and Statistics Division Hydrologic Engineering Center Davis, California Thomas.Brauer@usace.army.mil



## **EDUCATION**

ME (2011) Civil Engineering, University of Florida, Gainesville, Florida BS (2010) Civil Engineering, University of Florida, Gainesville, Florida

## **EXPERIENCE**

As lead developer of HEC-HMS, Tom oversees all code activity undertaken by the HEC-HMS team. Tom architects' new portions of code, manages code submissions from a team of developers, and mentors' new developers in the code base. Tom oversees the delivery of new releases to the field. Tom has been instrumental in implementing continuous integration/continuous delivery practices at HEC, reducing the delivery time for bug fixes and new features to customers. Tom established a culture of continuous feedback with end-users through frequent releases, a continuous beta testing program for new features, and frequent webinars with the field to highlight new capability. During his time at HEC, Tom has participated in major studies as a hydrologic modeler, implemented major enhancements to the software, provided technical support to users, and developed and delivered training to USACE and customers around the world.

## **PROFESSIONAL REGISTRATIONS, AFFILIATIONS, and AWARDS**

Professional Engineer - CA, issued Dec-17