



Michigan State University Mekong One Health Innovation Program Webinar # 15



Learn or Burn: Data in Space and Time for a Better Military Health Care System

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Dr. Sallam is a disease and arthropod-vector ecologist and a former U.S. Navy entomologist. He builds distribution models and risk maps using data science and field-collected data to demonstrate the geographic mosaic of environmental and public health hazards, especially emerging disease pathogens and their arthropod vectors, to support force health protection in deployed environments and U.S. military bases. He uses Geographic Information Systems (GIS) and Remote Sensing (RS) techniques to study the impact of landscape-climate changes on health systems levels. With his collaborators, he developed user-friendly platforms for disease-risk mapping and arthropod identification using machine learning and artificial intelligence. The talk includes the concept of the One Health Approach from the standpoint of GIS and RS, machine learning, and ecological modeling. It will also cover how the continuous climate and environmental changes impact Public Health and Economics.

[Register Here:](#)



[Date & Time:](#)

**August 5, 2024
9:00 PM (EST)**

[Where:](#)

Zoom Webinar

Register Today: <https://bit.ly/46m2rnX>

Organizer



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