

**Spatial Intelligence and Digital Mapping to Optimize  
Disease Surveillance and Response Workshop  
ASTMH 2019**

**Wednesday, 20 November | 2pm – 5pm  
prior to opening reception**

Smart maps and digital systems, if user-centered and implemented well, can help optimize the delivery of life-saving interventions, like indoor residual spraying, mass drug administration, and other community health services. This type of “spatial intelligence” is gaining ground both in terms of the feasibility of use in development contexts and the necessity of this level of precision to ensure impact. There are open-source platforms available that assist implementers to apply spatial intelligence to improve impact, save costs, and ensure interventions are achieving high coverage. ASTMH and Akros, along with National Malaria Control Programs, Ona, UCSF’s Malaria Elimination Initiative, PATH’s Malaria Control and Elimination Partnership in Africa, Clinton Health Access Initiative, WHO, Digital Solutions for Malaria Elimination (DSME) Community, USAID President’s Malaria Initiative (Zambia), and others have partnered to bring workshop attendees an interactive workshop on challenges encountered during large-scale intervention delivery campaigns, and how these challenges can be addressed through spatial intelligence and analytic tools. Workshop attendees will learn processes used to build base-maps, guide and support intervention planning, and monitor coverage and impact of intervention delivery through interactive maps. During the workshop, partners will provide use cases from multiple countries and sectors to describe how spatial intelligence tools and digital mapping approaches are fundamentally changing intervention delivery. They will also showcase some new and upcoming functionalities of several spatial intelligence tools, as well as the importance of integration with DHIS2, Tableau, and other systems. The workshop agenda will include time to brainstorm the potential for applying spatial intelligence tools in projects relevant to participants. All are welcome to attend, including country governments, implementing partners, representatives from donor organizations, and individuals interested in utilizing novel approaches to improve impact in cost-effective ways.

*Registration cost: \$30*

**Hosted by:**



**In collaboration with:**

