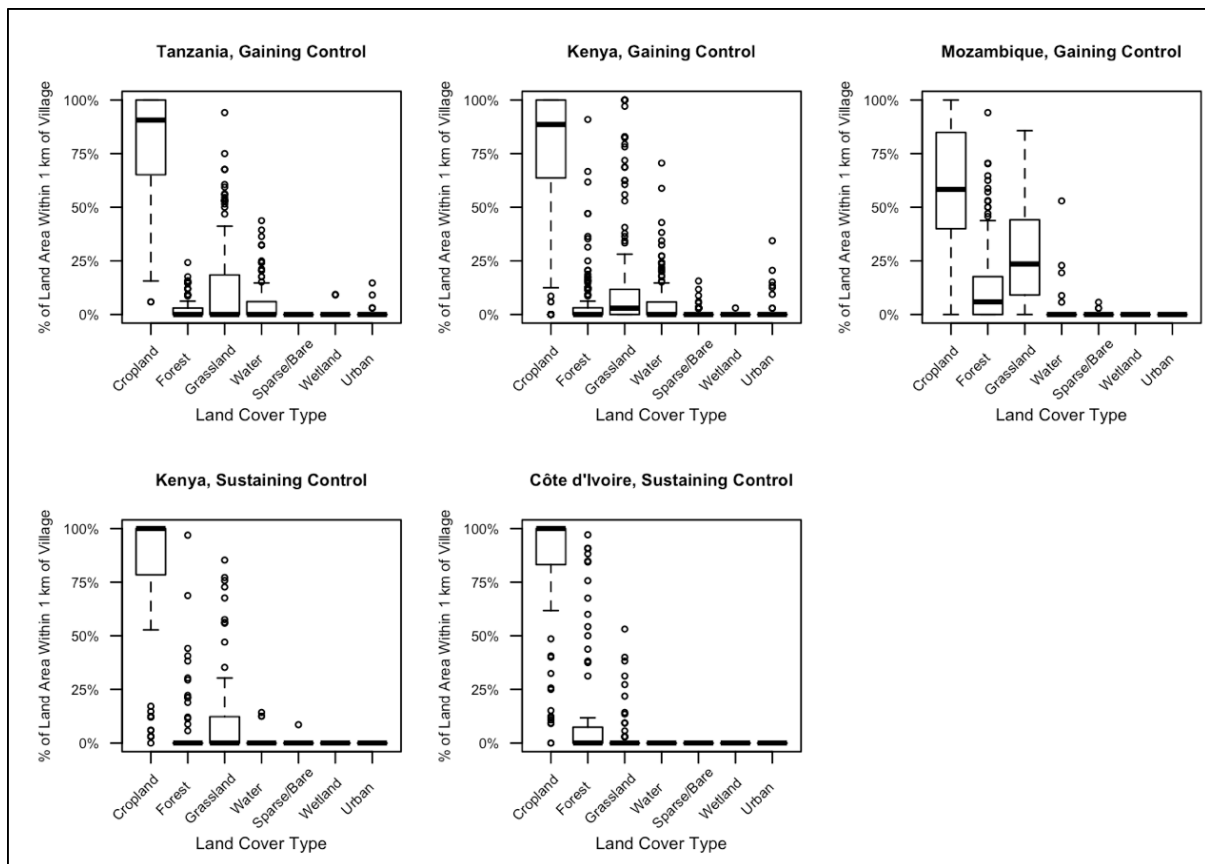
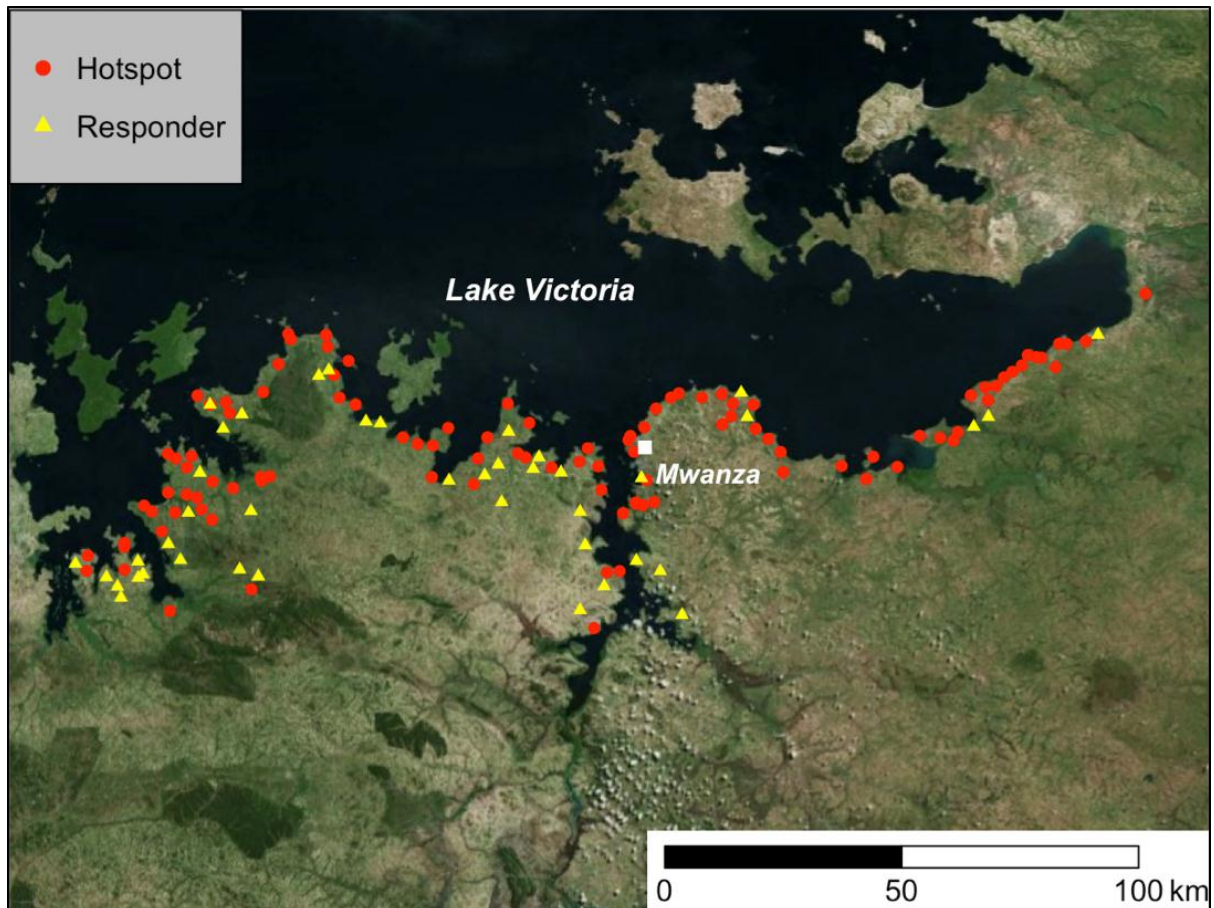


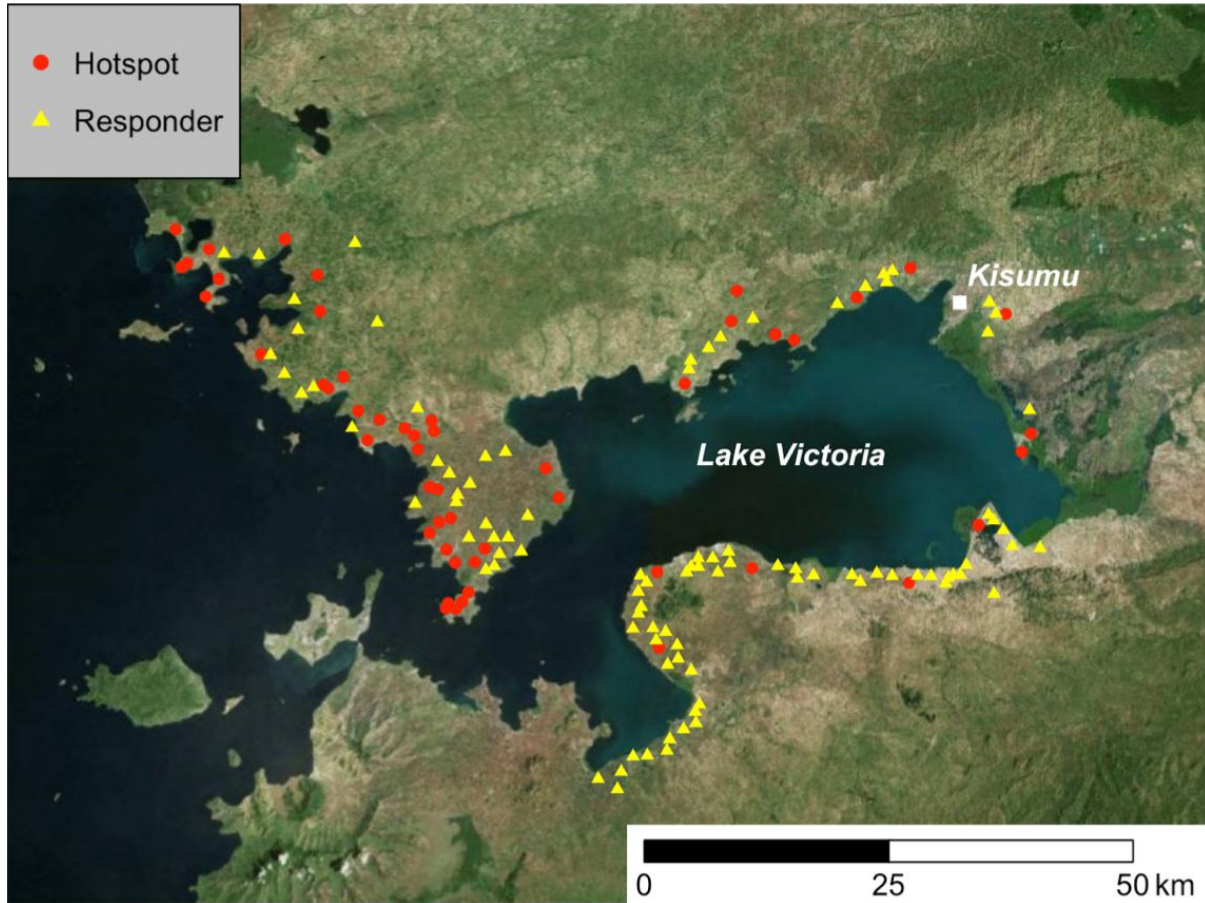
Supplementary figure 1 Distributions of Land Cover Types in the Vicinity of Study Villages by Trial



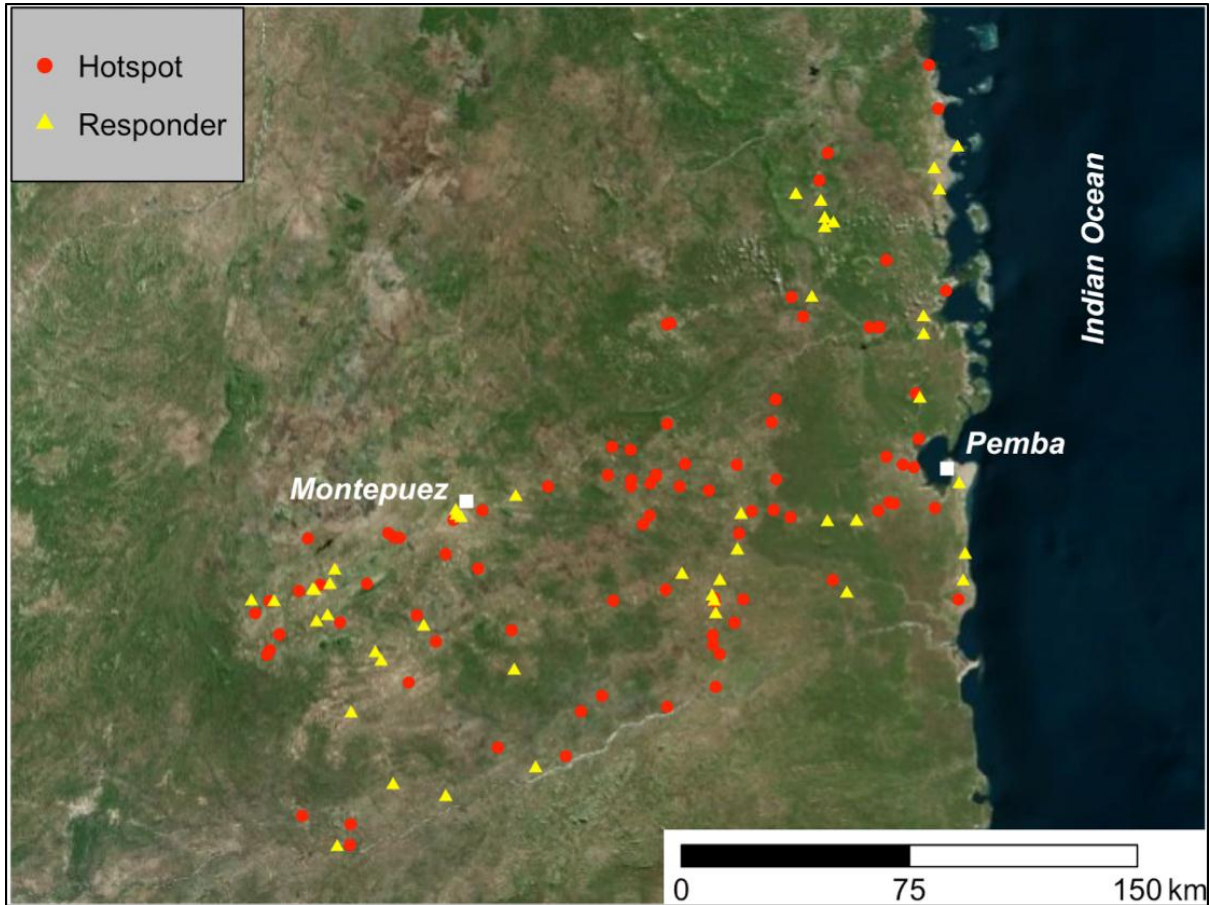
Supplementary Figure 2. Map of the Tanzania Gaining Control Study Site. Red circles and yellow triangles indicate persistent hotspot and responder villages, respectively. Landsat-8 image courtesy of the U.S. Geological Survey.



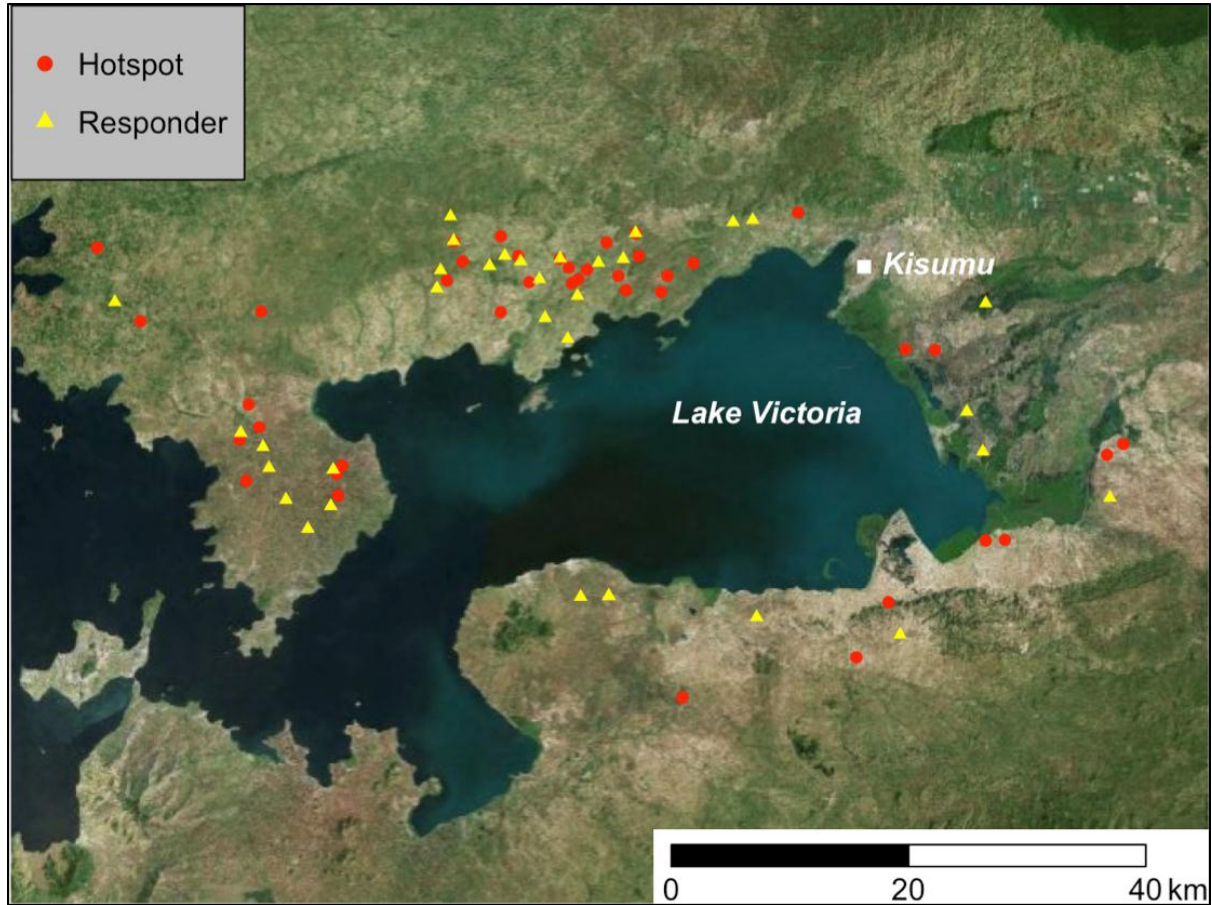
Supplementary Figure 3. Map of the Kenya Gaining Control Study Site. Red circles and yellow triangles indicate persistent hotspot and responder villages, respectively. Landsat-8 image courtesy of the U.S. Geological Survey.



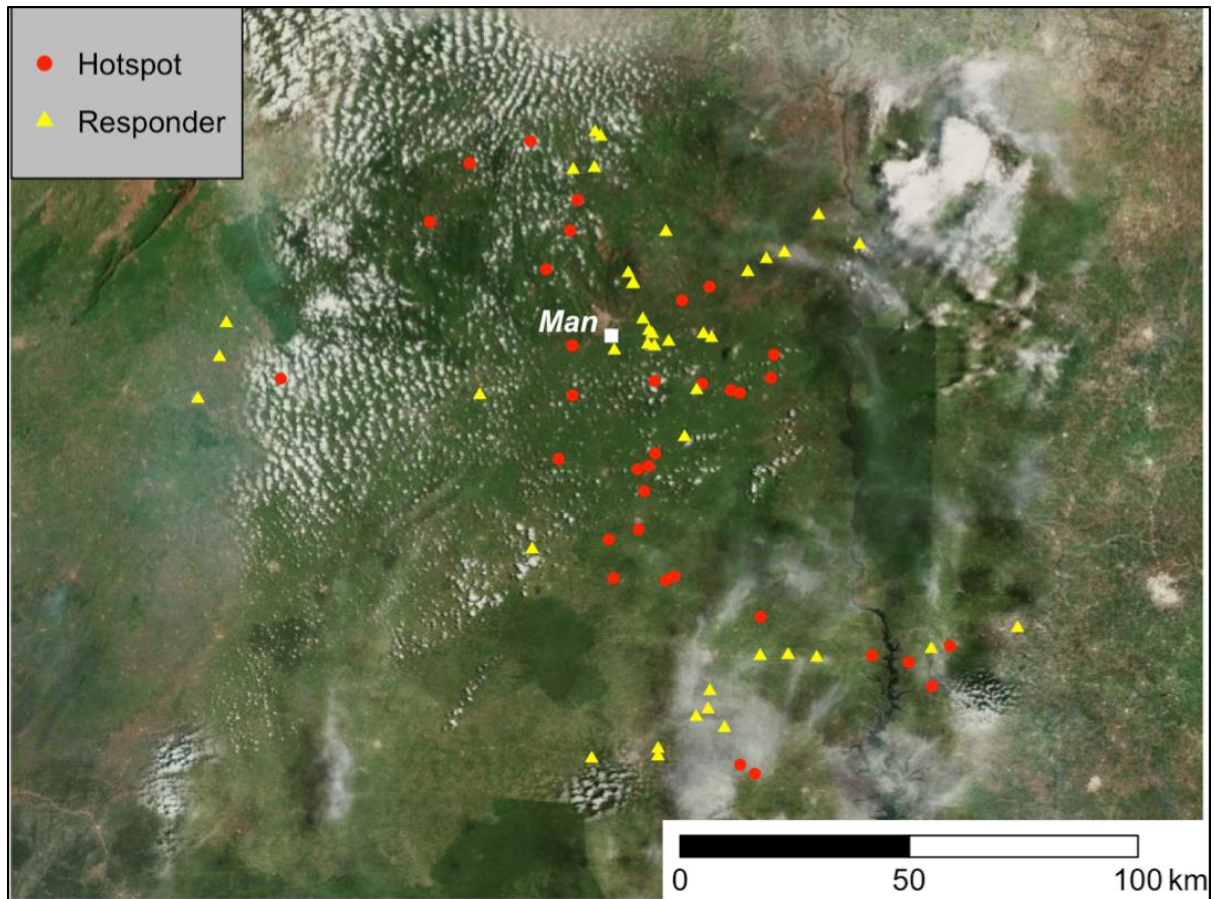
Supplementary Figure 4. Map of the Mozambique Gaining Control Study Site. Red circles and yellow triangles indicate persistent hotspot and responder villages, respectively. Landsat-8 image courtesy of the U.S. Geological Survey.



Supplementary Figure 5. Map of the Kenya Sustaining Control Study Site. Red circles and yellow triangles indicate persistent hotspot and responder villages, respectively. Landsat-8 image courtesy of the U.S. Geological Survey.



Supplementary Figure 6. Map of the and Côte d'Ivoire Sustaining Control Study Site. Red circles and yellow triangles indicate persistent hotspot and responder villages, respectively. Landsat-8 image courtesy of the U.S. Geological Survey.



Note: Supplemental Tables 1,2, 3 and 4 will be available online in final publication