





The Gombe Masito Ugalla II Programme 2014 - 2018

 Implementing activities directed towards achieving the overall goal of the program:

> "To conserve biodiversity, protect and restore wildlife habitat in critical ecosystems in Western Tanzania"

 The GMU programme operates at Landscape Scale uses the approach of Community Centered conservation



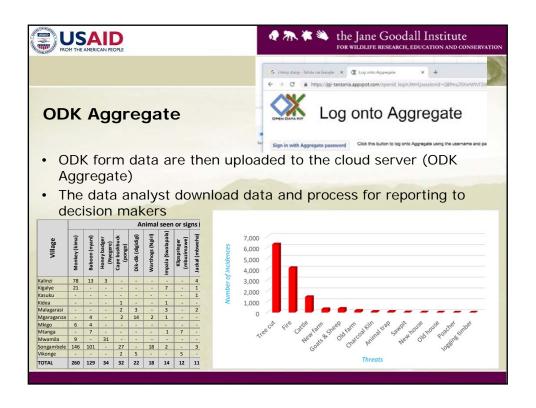


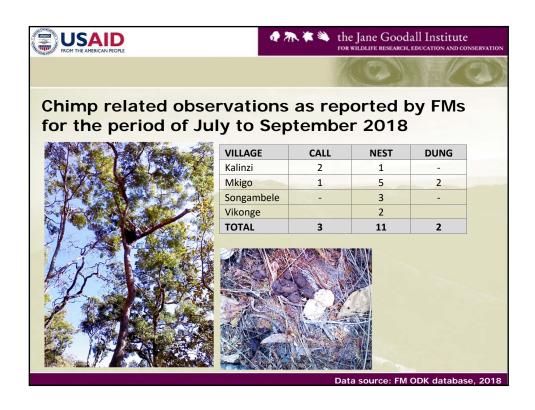
Methodologies and Technology used to monitor the GMU-BR

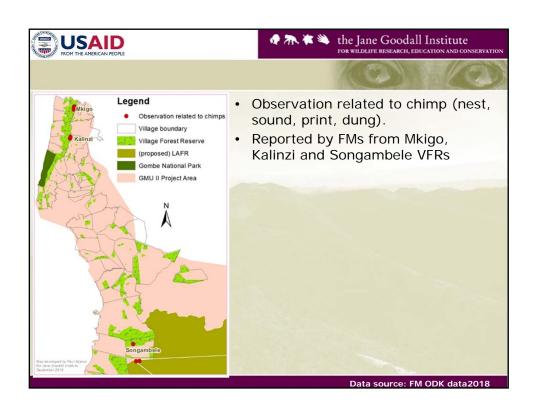
- 1. Local Community engagement VLUPs
- 2. The use of ODK form by forest monitors
- 3. The use of high resolution satellite images
- 4. the use of NASA's fire incidences data
- 5. Aerial photography
- 6. The use of Spike tool to collect measurement data about chimp nests (on test)



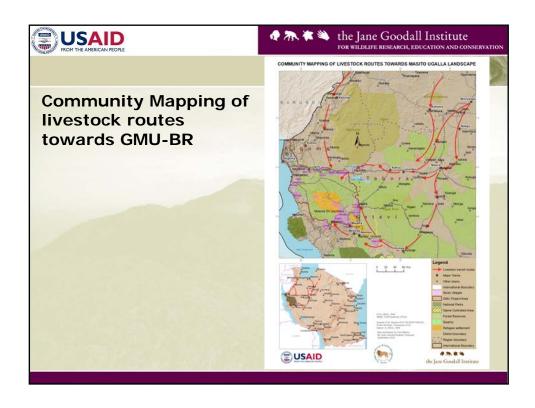












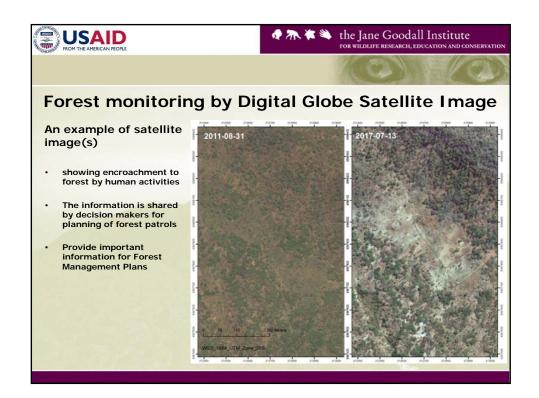


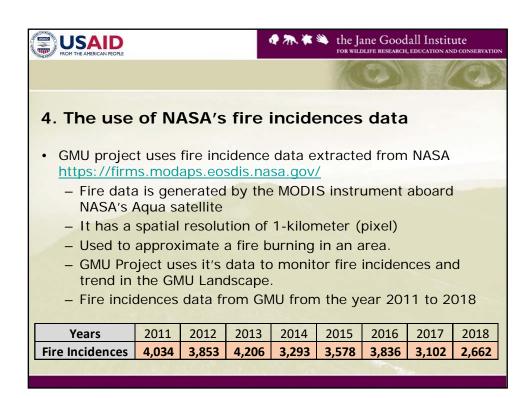


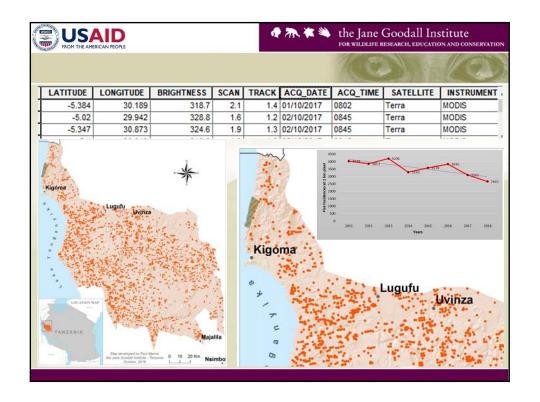


3. The use of high resolution satellite images provided in kind by Digital Globe to JGI

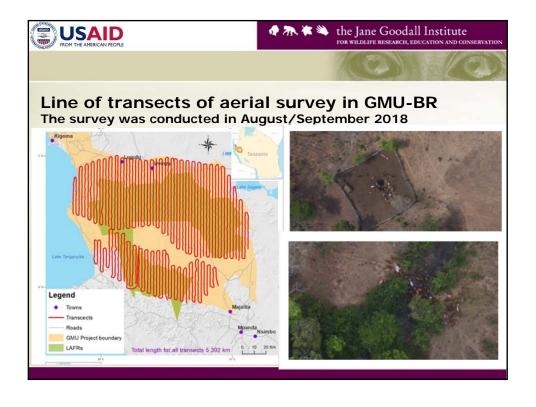
- Satellite Imagery of 30-60-cm resolution for monitoring the GMU landscape.
- To monitor chimp habitat and forest reserves within the GMU landscape within and outside VFRs
- Revealing of encroachment of forest reserves by human activities such as fire, new farm, tree clearing etc.
- · To guide village land use plan process













- Spike is a smart laser measurement solution tool
- It has a built-in laser rangefinder
- works with the camera in a smartphone or tablet to record and analyze the dimensions of any scene.
- It takes the real-time laser measurements and integrating them with the photos and data from the GPS in the phone or tablet
- Spike can record the dimensions and geospatial location (latitude, longitude and altitude) of any object
- JGI is using it in collecting data about; location of chimp nests and in taking various measurements such as tree DBH, plot size, burnt up area etc.

