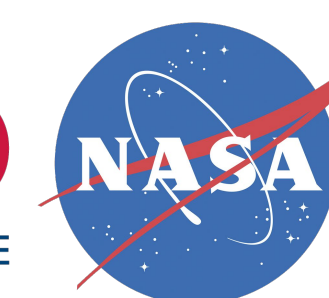# Leveraging Open Science Information for Gender and Social Inclusion in Artisanal and Small-Scale Gold Mining (ASGM) Services
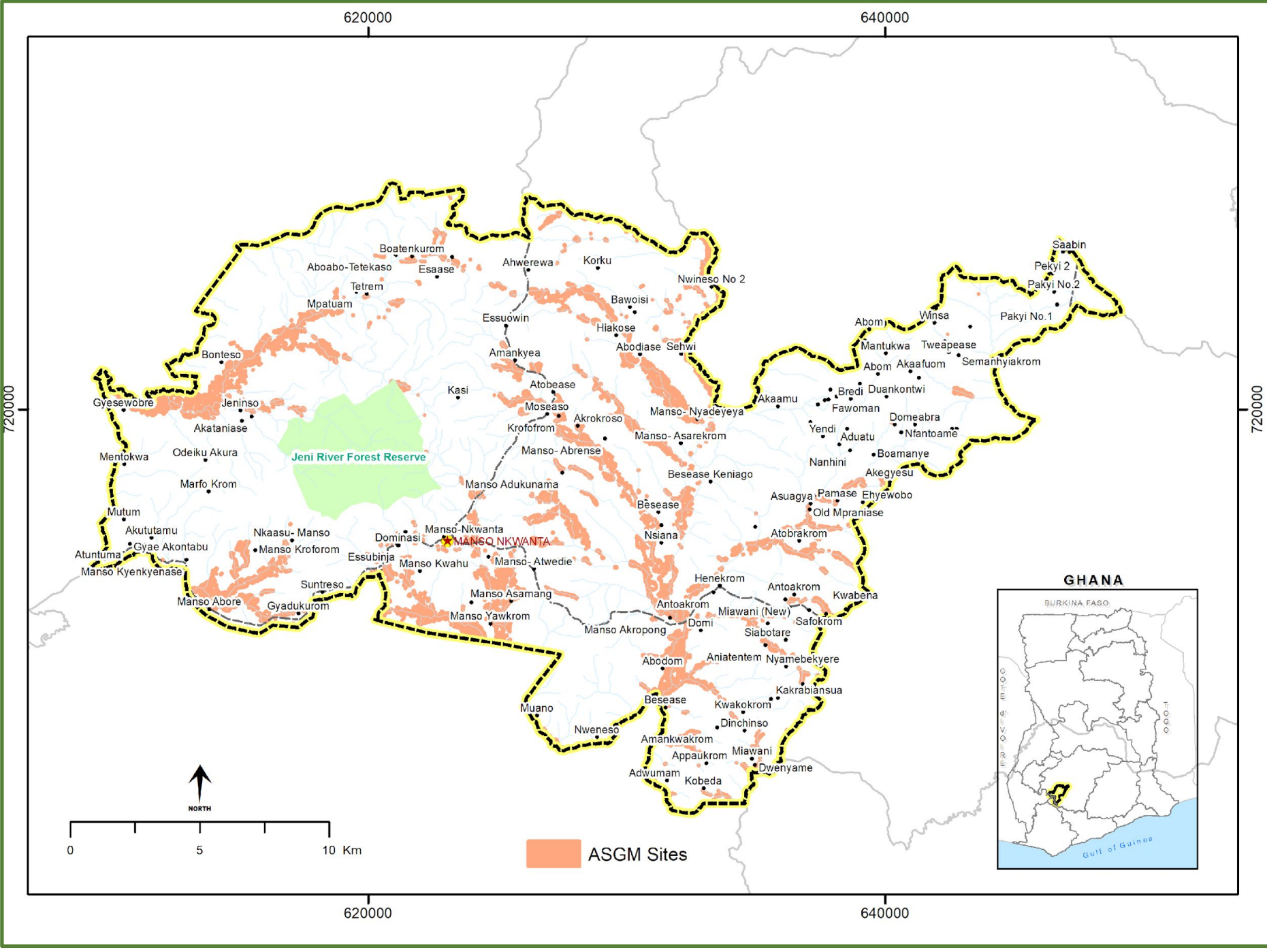
USAID FROM THE AMERICAN PEOPLE | NASA | SERVIR WEST AFRICA

The Gender and Social Inclusion in Artisanal and Small-Scale Gold Mining Service (GESI) offers a user-friendly platform that will help address gender disparities in artisanal and small-scale gold mining. Using geospatial tools and open data, it provides gender-disaggregated insights into the roles and challenges in the sector. The service supports data collection, stakeholder engagement, capacity building, and impact evaluation to promote inclusive practices in the ASGM sector.

Partners & Collaborators

- NASA SCO, Huntsville Alabama, USA
- Environmental Protection Agency (EPA-Ghana)
- Minerals Commission, Ghana
- Forestry Commission, Ghana
- A Rocha Ghana
- Women in Mining (WIM), Ghana
- Ghana National Association of Small-Scale Miners (GNASSM)

Data collection for the GESI-ASGM Service in Amansie-West District, Ghana: The Service will support informed decision-making and inclusive policy formulation for sustainable development in the ASGM sector

This map displays the distribution of artisanal and small-scale gold mining in the Amansie West District of Ghana. The survey focused on ten 'hot spot' communities, with 300 respondents, consisting of 71% women and 29% men.

These images showcase the transformation of active and inactive, to reclaimed ASGM sites through sustainable small-scale mining partnerships in the Amansie West District, Ghana.

Outcomes & Impacts:

300 participants (212 women and 88 men) were surveyed **in 10 communities** in the Amansie-West District.

- Improved information dissemination through the ASGM service for risk reduction [EG. 11-5]
- Informed gender-sensitive policies in local mining regulations [EG 11-3]
- Six institutions have improved their capacity to address sustainable landscape issues [EG 13-2]

Next Steps:

1. Expand coverage to other artisanal and small-scale gold mining communities.

2. Enhance data collection with advanced geospatial tools.

3. Strengthen partnerships and build capacity for long-term monitoring and gender-inclusive practices.

4. Develop a scalable model for sustainable mining that balances economic growth with social and environmental well-being.

WIM WOMEN IN MINING GHANA | GNASSM GHANA NATIONAL ASSOCIATION OF SMALL SCALE MINERS | Alliance Bioversity & CIAT | ICRISAT INTERNATIONAL CROPS RESEARCH INSTITUTE FOR THE SEMI-ARID TROPIC | ICIMOD | adpc