Artisanal and small scale mining.

Innovations in capacity building leading to global and local benefits
• Introduction to Artisanal and small scale mining

• Our project work

• Extension of capacity building for regional and global impact
Artisanal and small scale mining (ASM)

Involves up to 30 million people worldwide contributing 15-20% of global mineral and metal production.
ASM in Indonesia

It is estimated that up to two million people are involved in the artisanal and small scale mining sector across Indonesia.
DFAT Project

- GPFD funding 1.2 million
- 4 Years 2013-17
- Building on pre-existing connections to SE Sulawesi and NTT
Manganese mining in West Timor
Gold mining in South East Sulawesi
Overall Goal is towards Reducing the harm and maximising the benefits from ASM

There are significant livelihood and community resilience benefits however the environmental and human health costs can be high.

• Facilitating Knowledge exchange, finding ‘best practice’
• Building networks and local capacity
Legislative symposium

Raising the profile of ASM as a significant rural activity

Exploring paths to formalisation
  • What is informal?
  • What is illegal?

Providing forums for governance debates
Knowledge sharing in Australia

- NTG Department of Mines and Energy. Seminars and field trips.

- International conference (ANU Canberra) on ASM providing a global perspective.

Context for local concerns
Engagement with farmer miners.

• Sharing best practice

• Supporting national community miner networks

• Provide a basis for collective responsible mining that is economically, socially and environmentally sustainable.

• Legitimising small mining as a rural livelihood co-existing with agriculture.

Respecting local knowledge
Research Partnerships

- Research partnerships with local universities, the ANU and the Crawford fund.

- Academic writing workshop, Soe May 2017
Capacity building

Technical skills

• Providing extensive practical training workshops in geospatial applications for mapping, monitoring and modelling.

• Decentralising expertise
Key to sustained outcomes: comprehensive, bilingual digital and hardcopy training materials

• Local data-local context
• Website & YouTube
• High quality free and open training content for global out-reach
• Leading to Global impact
Global out-reach

You Tube metrics – monitoring access. 80k hits.
Global out-reach: Latin America
Back in the NT

• Supporting training and capacity building with Government, Student and Industry groups.
Back in the NT

- TNRM Researcher of the year.