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Lutheran World Relief  
SUSTAINABLE DEVELOPMENT. LASTING PROMISE.



# Building Resilience to Coastal Hazards through Mangrove Rehabilitation

## RESULTS THUS FAR

- The project has **engaged more than 8,600 people** in 10 villages of Simeulue and Singkil in activities to **build community resilience to natural disasters** through effective mangrove rehabilitation, community-led disaster risk reduction (DRR) activities and promotion of sustainable, eco-friendly livelihood opportunities.
- **1,000 information kits** on mangroves and ecological restoration were **distributed** to eight elementary and junior high schools, 10 community-based organizations (CBOs) and local government officials. **More than 9,000 people are able to view kit posters and brochures.**
- **141 CBO representatives** participated in **DRR training and hazard mapping activities**, as well as the development of a community matrix of natural hazard threats and a corresponding action plan.
- **8 schools are finalizing Environmental Education and Disaster Risk Management modules** to educate the next generation of leaders on the importance of sustaining healthy coastal mangrove forests.

## BUILDING RESILIENCE

- Community members **identified alternative livelihood opportunities** to be taught at 10 coastal field schools, including **organic vegetable gardening, fish production, fruit harvesting and food production from mangroves**. These livelihoods are economically viable and engagement in these fields helps to **sustain the impact of mangrove rehabilitation**.
- Technical experts ensure that **mangrove rehabilitation is appropriate** for identified sites and teach community members techniques to maintain mangroves for the future.
- **Continued collaboration** with and **technical support** from the **Government of Indonesia** strengthens the sustainability of mangrove rehabilitation.
- To **monitor CADRE's progress** and **discuss DRR learnings** with project participants, **representatives from USAID visited project areas** of Simuelue in early April. Beneficiaries discussed their new DRR knowledge and the selection process for alternative livelihood opportunities with USAID.



## QUICK FACTS

Since 2011, LWR has worked to reduce the impact of coastal hazards in Indonesia. LWR's partnership with USAID has enabled communities to:

- Formulate DRR action plans and rehabilitate mangrove forests, better protecting coastal populations from natural disasters,
- Understand the importance of mangrove health and develop mangrove rehabilitation plans and
- Identify livelihoods that negatively affect mangroves and engage in alternative livelihood opportunities.

*In 2004, LWR began working in Indonesia, following the devastating tsunami. With a total budget of more than \$19 million for tsunami relief and recovery efforts in Indonesia and neighboring countries, LWR developed a 10-year plan to rehabilitate affected areas and build community resilience to future natural disasters.*

*In partnership with local organizations, LWR works to build resilient communities throughout Asia. In Fiscal Year 2012, LWR's emergency response and climate change adaptation programming in the region totaled nearly \$9.4 million, reaching beneficiaries throughout Asia and bridging relief programs with long-term recovery efforts.*

**PROJECT NAME:** CADRE – Increasing Coastal Resiliency and Climate Change Mitigation through Sustainable Mangrove Management in Sumatra

**PROJECT PERIOD:** May 27, 2011 – November 26, 2013

**FUNDING:** \$1,148,857 (USAID) and \$213,840 (LWR)

700 Light Street | Baltimore, MD 21230 USA  
+1.800.597.5972 | lwr.org