Integrating Disaster Risk Management in Site Planning and House Design of Resettlement Projects in Albay

Action Research | Publication

Location : Taysan, Legazpi City; Anislag, Daraga

Date : October 2007 - August 2009

Project partners

- Community Organizations of the Philippines Enterprise, Inc. (COPE)

Funding support

- Provention Consortium Applied Research Grant – Asian Disaster Preparedness Center (APDC)

Contract / agreement value

- USD 4,500

The research team during a field visit to Taysan Resettlement Site in Legazpi City (2008)

Project brief

In 2007 a research team composed of TAO-Pilipinas staff received a grant from the Provention Consortium Research and Action Grants for Disaster Risk Reduction to undertake the research proposal called "Integrating Disaster Risk Management (DRM) in Site Planning and House Design in Resettlement Projects in Albay". The research looked into the post-disaster rehabilitation efforts taking place in Albay a year after Typhoon Reming (Durian) struck the province in November 2006 and buried villages in mud and lahar that flowed from Mayon Volcano.

The team studied two resettlement sites for the displaced communities (Taysan in Legazpi City and Anislag Phase 2 in Daraga), documented eight types of shelter units constructed in Taysan and Anislag by different aid groups, and examined how the resettled families coped with the conditions in the resettlement sites. A set of guidelines was formulated to identify disaster-resilient features or elements in house design and construction that can be incorporated in resettlement site planning and shelter assistance projects. These research findings and recommendations were presented in a three-part report and published as a monograph.

The research output was intended to help build awareness of disaster-resilient design and construction and incorporate this knowledge in post-disaster rehabilitation processes. A stakeholders' forum was organized to share the results of the research and various forms of communication pieces were developed and disseminated. Pamphlets summarizing the technical recommendations for disaster-resilient shelter design and construction were printed in Filipino to target community-based organizations. The team also shared the research output with the academe by conducting a series of lectures in various universities with architecture and engineering programs in Bicol and Metro Manila.

Project outputs

- Research Monograph
- Communication Piece – Pamphlet on Disaster-Resilient Design and Construction
- Stakeholders Forum
- University Lectures

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