Vulnerability on Disaster Prone Area III at Mount Merapi

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Lava tour is a tour in post of disasters eruption of Mount Merapi 2010. Lava tour is managed independently by the community. Operator Lava Tour are majority the victims of eruption Mount Merapi which still living in Disaster Prone Area III.

Infrastructure in the sub-village of Pangukrejo, the pre-2010 and post-2010 periods are clearly different. In post-2010 infrastructure such as clean water, electricity, and roads are not like before. Electricity is taken from the monitoring infrastructure of Mount Merapi, people with self-help built waterways from house to house. But for the road, in disaster risk reduction infrastructure road is low quality standard, people in KRB III can't fix it.

Disaster Prone Area III (Kasawan Rawan Bencana III) in Mount Merapi is a red zone, where this zone is the most damaged area from eruption material. KRB III is a zone of disaster prone area III which is often affected by lava flows, throwing or pounding of rock (incandescent), and poisonous gas. Basically this zone is forbidden inhabited, and for human activities. Referring to the BPBD map, the disaster-prone zone map of Mount Merapi is not based on the ring (ring zone 1, ring 2, and so on), but refers to the parameter affected of the eruption material.

The evacuation simulation by sub-village Pangukrejo community independently on November 5, 2017 is part of the community in KRB III, especially in sub-village of Pangukrejo in building their capacity. Evacuation simulations emerged from community initiatives that disaster capacity must increase.

The community understands its vulnerability, and tries to build its capacity. Through the evacuation simulation on November 5, 2017 in the sub-village of Pangukrejo, the community has started to map it, to learn about character of Mount Merapi, and began to increase its capacity in the face of periodic and permanent Merapi volcano disaster.

Lava Tour is part of the reconstruction and rehabilitation post eruption of Mount Merapi 2010. This is the solution of community in KRB III to survive to have long lived. Tourism is not just a business, but it has become part of the way the community survives, and to build their capacity in disaster risk reduction.

The community uses everything that can be supportive in the evacuation simulation. Jeeps Lava Tour can be a support for disaster risk reduction. Therefore, in Simulas Evakuasi Mandiri on November 5, 2017, the community invited the jeep communities in the sub-village of Pangukrejo. The jeep community is TLCM, JWM, MLCC, Merapi Jaya, and Belantara. In condition of the road damaged, jeep strongly support the evacuation of the community quickly.