

Project Update: April 2012

In April, we continue to process the soil sample from Mt. Merapi in a laboratory. The soil samples were sterilized to prevent other seeds except from Mt. Merapi from occupying the soil. Then the samples then were sown in a nursery to see what pioneer species grown on it.



Figure 1. Soil samples from Mt. Merapi were sterilized



Figure 2. Nursery house where soil samples were sown to grow seedlings of pioneer plants from Mt. Merapi

We have identified several species from these soil samples from two sites locations (Kaliurang and Kalikuning), namely *Eupatorium riparium*, *Athyrium* sp, Poaceae, dan *Elephantopus scaber*.



Figure 3. *Eupatorium* (left) and *Athyrium* (right) seedling emerged from the soil samples from Kaliurang site on Mt. Merapi volcano.



Figure 4. *Elephantopus* (left) and *Poaceae* (right) seedling emerged from the soil samples from Kalikuning site on Mt. Merapi volcano.