

## EM Application at Tsunami Affected Sites in Thailand

Jan. 5, 2005

A day after the tsunami struck the coastal areas of southern Thailand, the manufacturer of EM in Thailand, EM Kyusei gathered to discuss the possible ways to provide help to the affected areas. On the same day, Dec. 29<sup>th</sup>, Lt. Gen. Chinnarat of the Thai Royal Army, advisor to the Science and Technology Committee of the Parliament and strong advocate for EM, contacted Mr. Kazuhiko Wakugami telling that the military has been requested by the Chairperson of the Thai Red Cross to use EM in the affected areas.

Henceforth, on the same day, 2 tons of EM1 was airlifted using the Thai Royal Air force plane to the affected area in Phang Nga Province one of the hardest struck areas. They sprayed EM dilution at the temple, where dead bodies are placed temporarily for identification. There were more that 1,000 dead bodies at the temple and volunteers collecting the dead bodies from the disaster struck areas. They made activated EM (AEM) there and sprayed dilution of AEM every day at a dilution of 100. Among other things, a 10 ton fire truck lorry was used as well as shoulder pack sprayers. There was a general comment among doctors, military people, and other volunteers that a 50% smell reduction was observed. There was initial protest over EM / AEM use from some forensic doctors but after observing the smell reduction, all protests had stopped.

EM Kyusei knows that a more concentrated solution would have more effect. However the initial problem is bringing EM into some of the inaccessible areas. At the request of the Red Cross, EM Kyusei provided 5 tons of EM on Jan 4. EM Kyusei staff brought the EM on land and with 10 staff members who are continuing work with volunteers as of this date.



Air Force personnel unloading the first 2 tons of EM1 donated by EM Kyusei



Mr. Wakugami (in checkered shirt) and staff discuss EM application with government officer at Phang Nga Province.



EM Kyusei staff making activated EM uses a face mask due to bad smell from decaying bodies.



Strategy meeting with the volunteers on how to apply EM



Making preparations for the mixing of EM solution into the fire truck lorry at a Phang Nga fire station.