Exemplar School
SOLOMON ISLANDS COMMUNITY BUILT SCHOOL 2010

ESD and Disaster resistance designed Girl’s Dormitory

Sustainable leaf roof on Boys Dorm

Community participation and capacity building Construction
Environmentally Sustainable Schools and communities

- 3 schools in Guinea, 1 in Liberia will be built by September, and 14 more by 2010
- Community participation is crucial in the construction process.
- Safer school design allows for refuge in case of emergency.
- Structures reflect local cultural characteristics: local materials and technologies are incorporated in the design.
- Some school components are shared with the community: clinic, garden, library, computer lab.
- Compressed interlocking blocks are used to minimize the use of wood in construction

Objective

Architecture has an inevitable impact on how lives are lived

West Africa-2008
Child Friendly Schools

SCHOOL MODEL

Environmentally Sustainable School Buildings

The schools are built as a response to cyclone Nargis after May 2008:

- Schools are elevated 1M to avoid flooding.
- Safer school design allows for refuge in case of emergency.
- Structures reflect local cultural characteristics: local materials and technologies are incorporated.
- Community participation is crucial in the construction process.
- Some school components are shared with the community: clinic, garden, library.

UNICEF cost $19 SF  MOE cost $11 SF
120 schools in Thailand received this toilet model as a response to insufficient WASH facilities:

- The toilet count was approximately 1:90.
- Some children developed kidney problems due to lack of proper toilets.
- Two children were kidnapped from Wat Itanin School while using the toilet 2 days before our visit. The toilets were more than 110 M from the classroom.
- The water tanks were enlarged to provide water to the community. In exchange the community will maintain the pump and tank.