

9. CONFERENCE FIELD TRIP ON FRIDAY 8 MAY 2015

This trip visited three sites:

- 1- **Son Tra Peninsular:** This site showed the extraordinary survival of vetiver under extreme conditions, 8 years after planting. Planted to stabilise an almost vertical cut batter.
 - a. The “soil” is a mixture of highly compacted rocks and subsoil clay
 - b. The weather is extremely hot and dry during the dry season and wet during the rainy season with occasional typhoons
 - c. Frequent salt spray from sea water during storm and sea surge also occurred
 - d. N and P fertilisers were used and watering at planting. Follow-up fertilisation was carried out 6 months after planting
 - e. There were no maintenance 6 months after planting



Vetiver is equally effective as the concrete slaps in stabilising this batter, but at much lower cost.



Survived extremely hot and dry weather during the dry season



Survived frequent salt spray from sea water during storm and sea surges



2. Vetiver planting for extreme slope stabilisation in combination with hard structure

Honey-comb concrete slabs were used to stabilise a very high, extreme and highly erodible road batter. Over the last 15 years, these hard structures failed several times, blocking the road to Laguna a very upmarket resort. About 5 years ago, Vetiver was planted into the open space of the honey-comb concrete slabs to prevent them from slipping



Honey-comb concrete slabs used to stabilise a very high and extremely erodible road batter.



Vetiver planted in to the honey-comb concrete slabs to prevent them from slipping



Collapsed section was repaired and planted with vetiver





3. Vetiver planting for landscaping and slope stabilisation.

Laguna is a five star resort about 100km north of Da Nang, where vetiver has been used extensively for:

- Ornamental and landscaping purposes
- Slope stabilisation in conjunction with soil nailing.

Ornamental and landscaping purposes



Planting on both sides of the road leading to resort centre



Planting on a steep sides of the road and centre strip of car park



Slope stabilisation in conjunction with soil nailing.



Planting on bare surface of soil nailed area to protect from surface erosion



Planting on bare surface of soil nailed area to protect from surface erosion

