

## 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



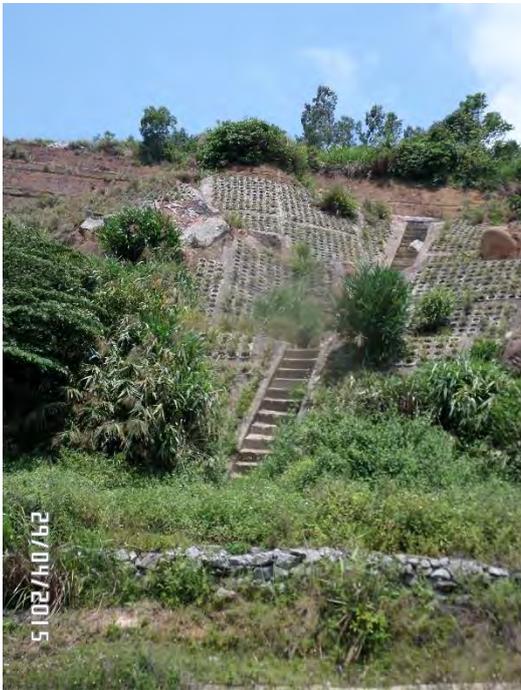
***Honey-comb concrete slabs used to stabilise a very high and extremely erodible road batter.***



***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***

