

# **THE VETIVER NETWORK INTERNATIONAL**

**PATRON : HRH Princess MAHA CHAKRI SIRINDHORN of Thailand**

**CHAIRMAN: Dick Grimshaw, OBE**

**PRESIDENT: Dr Dale Rachmeler**

**SECRETARY: Mark Dafforn**

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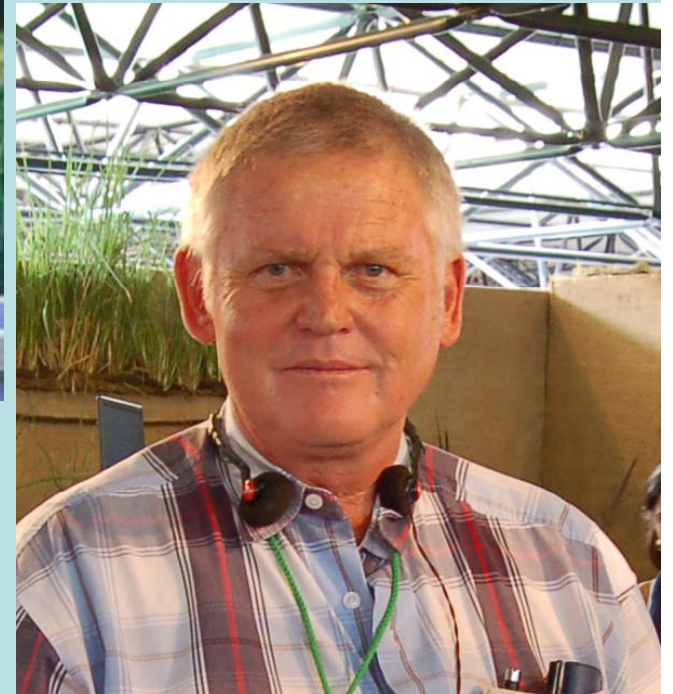


***Director: Dr Sumet Tantivejkul***

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## **BRIEF INTRODUCTION**

- **The Vetiver Network International is a volunteer and nonprofit NGO, which promotes the worldwide use of the Vetiver System for a sustainable environment particularly in relation to land and water.**
- **The Vetiver System a concept integrating simple scientific principles of hydrology, soil mechanics, and similar natural processes to manage soil and water on a landscape scale.**

- **The concept excels when implemented using clones of a remarkable domesticated plant – vetiver (*Chrysopogon zizanioides*), a non fertile, noninvasive Indian clump grass cultivated for centuries for essential oil.**
- **The VS provides significant economic, environmental and social benefits. VS is now used in most tropical and semi-tropical countries, north to Italy and south to Chile.**
- **VS Technology is based on research and demonstrations through TVNI “partners,” including research institutions, development agencies, NGO's and the private sector.**

**VS has expanded from a technology primarily for farm soil and water conservation to include major applications for:**

- Slope stabilization of public infrastructure: roads, railways, canals, rivers, construction sites;**
- Prevention and treatment of contaminated domestic and industrial waste water;**
- Reclamation of toxic mine-tailings and polluted industrial land;**
- Disaster mitigation (e.g., stabilizing potential landslide sites, dikes and levees, dampening wind scour, and area protection against flooding);**
- Soil improvement, wetland and marginal land restoration, and crop pest control;**
- Renewable natural fiber for handicraft.**





*Thank You*



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