



VIETNAM VETIVER NETWORK

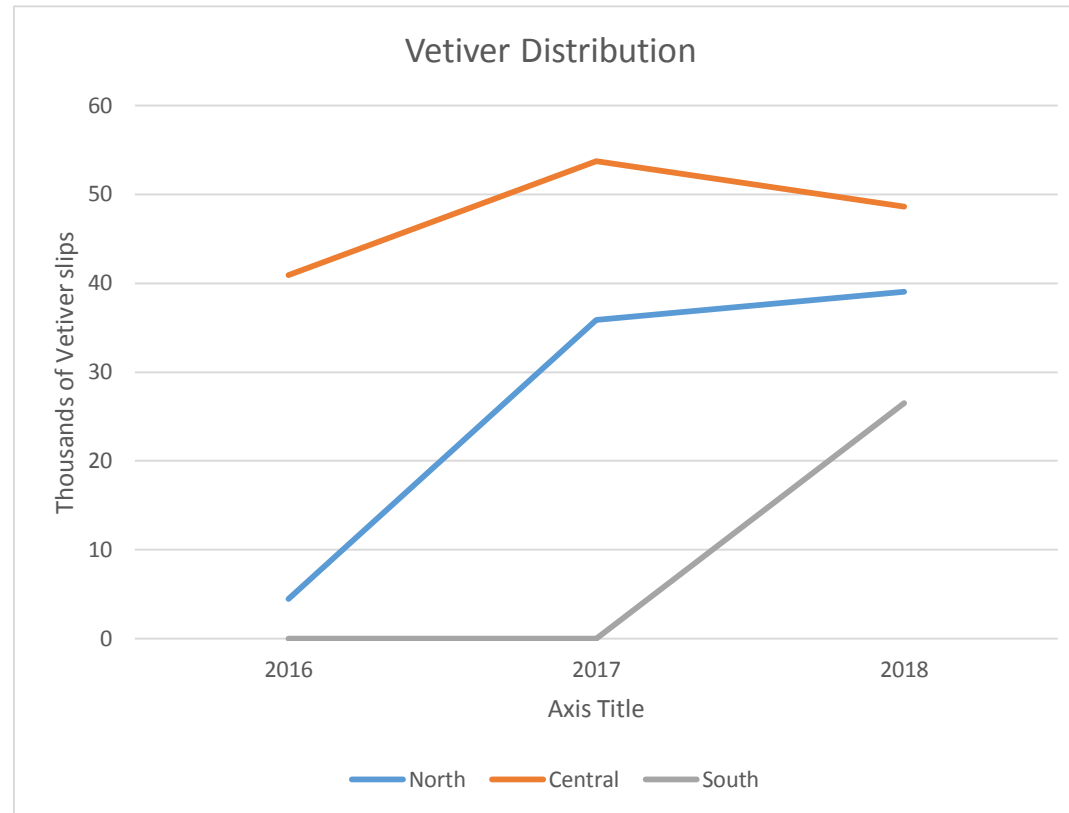
**VETIVER SYSTEM DEVELOPMENT
FOUNDATION**

September 2015 - August 2018

1. **Vetiver System Promotion in Vietnam's Highlands of Central Vietnam**
2. **Construction Stabilization & Disaster Mitigation**
 - *Hydropower dam*
 - *Riverbank Protection*
 - *Erosion Prevention*
4. **Remediation of Agent Orange/Dioxin Contaminated Soils**
5. **Other Applications**
6. **Seminars**
7. **DIFFICULTIES and CHALLENGES**

1. Vetiver System Promotion in Vietnam's Highlands of Central Vietnam

Beneficiaries	Supports from VNVN
Minority farmers	<ul style="list-style-type: none">- Technical instruction- Free vetiver materials (Commitments are required)
Farmers who need less than 10,000 slips	<ul style="list-style-type: none">- Technical instruction- 30% of the material fee- 300 extra slips (Commitments are required)
Farmers who need more than 10,000 slips	<ul style="list-style-type: none">- Technical instruction- 50% of the material fee- 500 extra slips (Commitments are required)
Agricultural cooperatives	<ul style="list-style-type: none">- Technical instruction and supervision- 50% of the material fee (Commitments are required)



Over 3 years of implementing the promotion program, Vetiver gets the highest concerns in the Central region, followed by the Northern region. Since the year of 2018, there have been some Southern farmers approaching Vetiver for soil improvement.

249,100 slips have been distributed into **42 farmer households** *(updated in 31 July, 2018).*



Vietnam Vetiver
Network-VNVN
@vetivervn

Home

Very responsive to messages
100% response rate, 2 mins response time

1,068 likes +15 this week
Man Tran and 78 other friends

1,096 follows

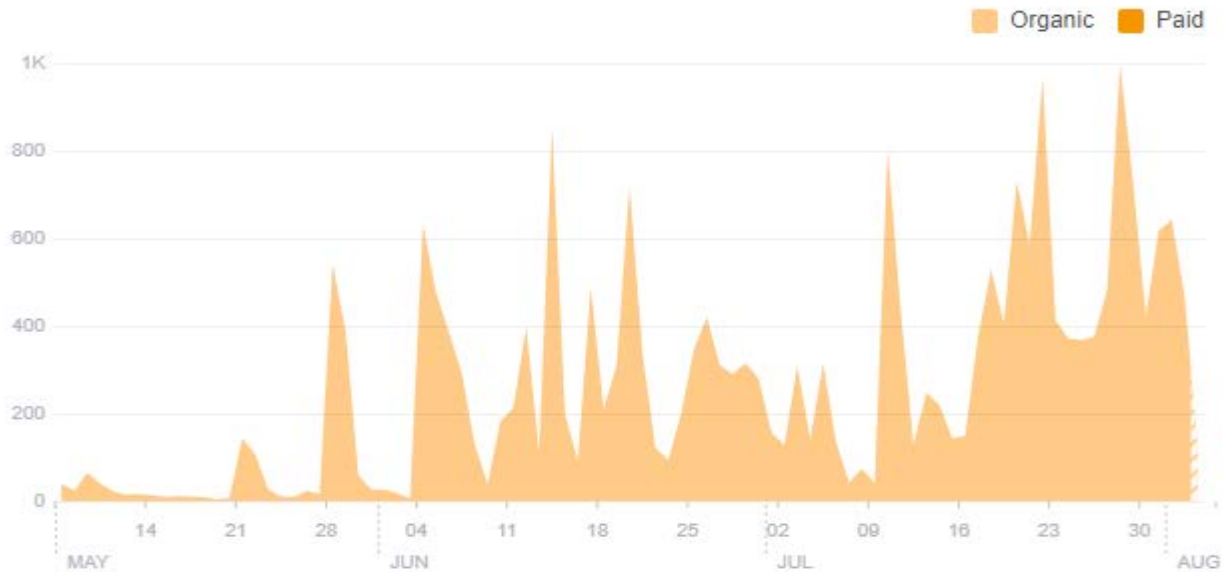
See Pages Feed
Posts from Pages you've liked as your Page

2,521 post reach this week

743 video views this week

Post Reach

The number of people who had any posts from your Page enter their screen.



**Vetiver awareness on VNVN's social channel
(updated on 31 July, 2018)**

Some photos of VS on fields taken by farmers

On farm erosion control



Soil Rehabilitation



Vetiver on Acid Sulfate soil. Notice the soil's color before and after planting Vetiver.



After a period of growing Vetiver, soil quality with Vetiver has significantly improved with the pH from 5.2 to 5.8 (the ideal pH range for most crops is between 5.5 and 7.0).

Pest control for organic rice and vegetable paddies



Mulch



2. CONSTRUCTION STABILIZATION AND DISASTER MITIGATION

Bac Me Hydropower dam



Riverbank Protection in HoaNhon Commune, DaNang



The riverbank before and during being planted



Vetiver after 6 months with good caring and after the history flood in Nov, 2017.

Erosion Prevention in Mu Cang Chai, Yen Bai



Before treatment



Slope Treatment with coconet



Vetiver plantation

Erosion Prevention in Mu Cang Chai, Yen Bai



The good thing is that the project could get community involved. The fence around was put up by the local people. Vetiver was taken after 2 weeks of plantation.

3. Remediation of Agent Orange/Dioxin Contaminated Soils at BienHoa Airbase (The project was granted by the USAID and run by Vietnam Institute of Geosciences and Mineral Resources)



The project board at the kick-off meeting. Second person from right is Dr. Tran Tan Van _ President of VNVN.



Ground treatment



Vetiver plantation



Vetiver Growth on Dioxin Polluted Soils

4. OTHER APPLICATIONS



Vetiver incense



Vetiver stuffed animals



Vetiver soap and hand sanitizer



Mushroom culture

5. SEMINARS

2016 International Seminar Water for Livable Cities

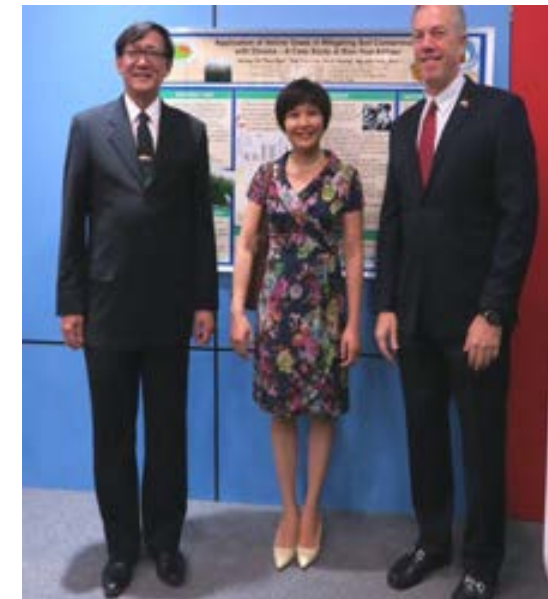
On October 4th 2016, VNVN joined in 2016 International Seminar titled "Water for livable cities" held by DaNang Institute for Socio-Economic Development and Vietnam Water Cooperation Initiative.

The Seminar was attended by the Australian Ambassador in Vietnam, Vice-president of the DaNang city as well as many of international and Vietnamese managers, policy makers and scientists. At the Seminar, VNVN revised an article "Vetiver System for Prevention and Treatment of Contaminated Water and Land" for its proceedings, played a video of Vetiver's effects in treating urban contaminated water and had an Exchange Information Booth for participants.



Seminar on "Vetiver System: Empowering Sustainable Development"

International Workshop: Heavy metals, Dioxin, and Persistent Organic Pollutants: Their Effects and Possibility of Vetiver Application



6. VETIVER LIBRARY



- **DIFFICULTIES AND CHALLENGES:**

CHALLENGES	RECOMMENDATIONS
<p>1. Transport:</p> <ul style="list-style-type: none"> - By coach: night coaches or unavailable at remote areas - Door-to-door (normal): take 7-10 days - Door-to-door (express): expensive (sometimes higher than material fees) 	<p>How to keep vetiver in a good condition for the long time during shipment?</p>
<p>2. A strategy for VNVN's sustainable operation</p>	<p>Need consultation, discussion and good plans:</p> <ul style="list-style-type: none"> - Ways to get income for the operation but don't turn VNVN into a commercial organization?
<p>3. Keep in touch with planters and Control complaints.</p> <ul style="list-style-type: none"> - Planters have not reported VNVN as committed. Commitments does not bring too much senses to the Vietnamese. - Community projects have no person in charge on side. 	<p>Need consultation, discussion and good plans:</p> <ul style="list-style-type: none"> - How do commitments work more effectively? - How to keep in track the progress of Vetiver sides?

Thank you for your supports always!
We are going to continue to grow with you by side.