

VENUE AND DATE OF THE SEMINAR

The Seminar is planned to be organised in Thamukkam Grounds, Madurai on 22th September 2017.

REGISTRATION AND CONTACT

Kindly register at the earliest and submit papers for the presentation to

Mr.R.Prakash (vfpudhucherry@dhan.org)

Mr.S.P.Madhan Mohan (s.p.madhanmohan@dhan.org)

Dr.kanagasabai(sksabai52@gmail.com)

DHAN VAYALAGAM (TANK) FOUNDATION

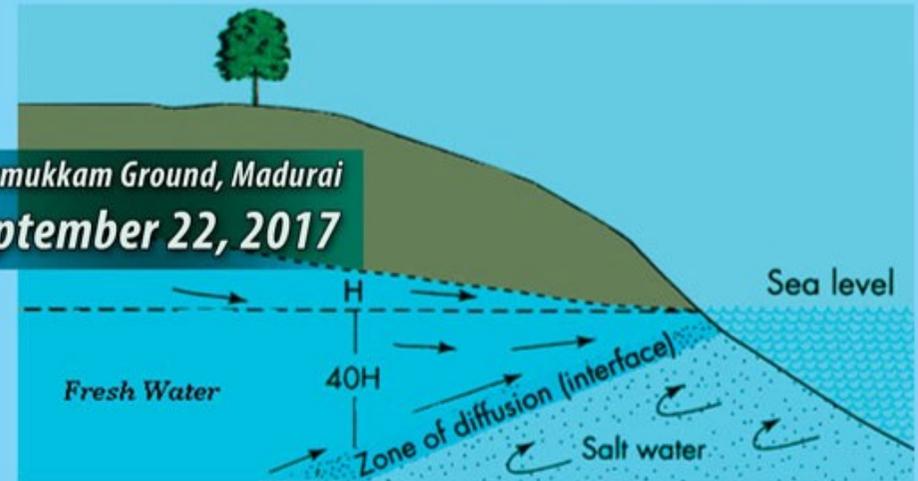
TankfedAgriculture Development Programme was one of the Thematic Programmes of DHAN Foundation towards the purpose of reducing rural poverty. For scaling up the tank programme and for enriching the water related development interventions, DHAN Foundation promoted DHAN Vayalagam (Tank) Foundation (DVTF) which became operational with effect from October 2, 2006. The DV(T)F is striving for the conservation and development of small scale traditional water resources such as tanks, ponds, ooranis, supply channels, etc. in addition to the development of watersheds through people's participation. At present, DVTF is working in 6 states with the support of Government, National and International Corporate Philanthropies and other funding agencies.

DHAN VAYALAGAM (TANK) FOUNDATION

No. 1A, Vaidyanathapuram East, Kennet Cross Road
Near Seventh Day Adventist School
MADURAI – 625 016, Tamilnadu, India.
Ph.No: +91-452-2302580, Fax No: +91-452-2602247
E-Mail: dhantank@dhan.org, Web: www.dhan.org

MADURAI SYMPOSIUM 2017

Thamukkam Ground, Madurai
September 22, 2017



INTEGRITY OF FRESHWATER BODIES

BUILDING RESILIENCE AGAINST SEAWATER INTRUSION

Sponsored by



Organised by

DHAN VAYALAGAM (TANK) FOUNDATION
Madurai



THE WORKSHOP

The Madurai Symposium is a biennial signature event being organized at Madurai as knowledge, management platform for development practitioners to share their experiences on various development themes and to advance their collaboration with other institutions and the general public. The eighth Madurai Symposium (2017) is scheduled to be organized during September 20 – 24, 2017 at Madurai. The focus of the Madurai Symposium 2017 is on Building Resilience for Sustaining Development. During the Symposium it is proposed to conduct a workshop on "Integrity of Fresh Water Bodies – Building Resilience against Seawater Intrusion in Coastal Region: DHAN Foundation's experiences and learning in Pennar Basin of Pudhucherry"

ABOUT PENNAR BASIN



The Pennar Basin extends over states of Karnataka, Andhra Pradesh, Tamil Nadu and Union Territory of Pudhucherry having an area of 55,213 Sq.km with maximum length and width of 433 km and 266 km. The rainfall decreases from 1270 mm at the eastern extremity of the basin to 762 mm at the western extremity. This basin is supporting more water resources and the Potential is 14909MCM, of both surface and Ground water in around 39582 Sq.km of Basin areas in Tamil Nadu and Pudhucherry. Pudhucherry is in over exploitation of Ground water for irrigation and industrial purposes and having high scope of increased sea water intrusion which penetrate to the adjacent blocks of Tamil Nadu State.

SEA WATER INTRUSION (SWI)

Sea water intrusion arises out of exploitation of groundwater in the coastal aquifers, thereby upsetting the subterranean balance between inland freshwater and the persistent ocean. Water flows through the ground as it does in rivers: from high elevation to low. At the margin of a coastal aquifer, fresh water and sea water mix. When the rate of groundwater pumping increases, the equilibrium shifts. As aquifer levels drop, the seawater trickles in, filling the gaps in the sandy soil. Seawater intrusion is a universal problem, which is not confined only to India. With this background, DHAN Foundation is having field actions at Palar, Varaganadhi and Pennaiyar basin since 2000 for conserving surface water bodies with community participation aligning with various stakeholders and rehabilitated 81 water bodies and treated its catchment of 1400ha in Kanchipuram, Villupuram, Cuddalore districts of Tamil Nadu and Union Territory of Pudhucherry. The experience gained in renovating these traditional water bodies and also how these village ponds played major role in addressing seawater intrusion in Southern Part of Pennar basin of Pudhucherry is going to be shared by DHAN Foundation and other stakeholders in this proposed workshop.

OBJECTIVES

- The objectives of the Workshop is to deliberate the effect of sea water intrusion, the present status of Pudhucherry and the importance of reviving surface rain water harvesting structures to address the issue

EXPECTED OUTCOME

- Creating awareness on Sea water intrusion in coastal belt and way to address the issues collectively
- Importance of community participation and involvement in addressing sea water intrusion in this basin
- Aligning with various stakeholders and addressing the issues collectively
- Demonstration and Practicing Water Demand Management Techniques in Agriculture to reduce pressure on ground water
- Awareness on importance of construction, creating and maintaining the Rain water harvesting structure

WORKSHOP

DHAN Foundation convenes a daylong Workshop on Integrity of Fresh water – Building Resilience against Seawater Intrusion in Coastal Region and accordingly DHAN invites the community, scholars, research academics, govt officials and other stakeholders for the betterment of protecting surface water bodies and practicing system to address the seawater intrusion and draw action Points for implementation. This workshop is proposed on 22nd Sep 2017 at Tamukkam grounds, Madurai, Tamil Nadu.

PROGRAMME SCHEDULE

- 09.30 – 10.00 : Registration
- 10.00 – 10.15 : Prayer and welcome
- 10.15 - 10.30 : Purpose and background of the seminar
- 10.30 – 10.45 : Inaugural address: Chairperson/ Chief Guest
- 10.45 – 11.15 : Lead paper presentation and discussion on lead paper Findings
- 11.15 – 11.30 : Tea break
- 11.30 – 13.30 : Oral presentations
- 13.30 – 14.30 : Lunch break
- 14.30 – 16.00 : Sub-group discussion
- 16.00 – 16.30 : Group presentation and synthesis
- 16.30 – 17.00 : Resolutions and concluding remarks