

International Water Management Institute

(www.iwmi.org)



IWMI targets water and land management challenges faced by poor communities in developing countries, and through this contributes towards the achievement of the UN Millennium Development Goals (MDGs) of reducing poverty, hunger and maintaining a sustainable environment. The importance of water as a resource for agriculture, hydropower generation, and domestic and industrial uses has long been recognized and has led to the construction of numerous small tank cascades, large reservoirs and canals over the years. Changing rainfall patterns due to climate change, catchment degradation, increasing demands, overuse and waste, pollution and many others threaten the available water resources and lead to water scarcity. IWMI assists and addresses the government's development efforts by contributing to improving the management of land and water resources for food, livelihoods and the environment.

Contribution to MDP: - There are multiple opportunities for students to be placed in IWMI's current projects, and several key staff members have expressed support for the program to offer internships to the candidates of the University of Peradeniya MDP program.

Some of IWMI's current Research in Sri Lanka:-

- Impact of Groundwater Development on Property Rights under Small Tank Systems
- Geo-referencing of Shallow Open Wells Using GIS Remote Sensing Technology in the Jaffna and Kalpitiya Regions
- Review and Vulnerability Mapping on the Impacts of Climate Change in Sri Lanka
- Working with Local Universities to Produce Up-to-date Maps of Geochemical Characteristics in the Jaffna Peninsula to Redevelop Groundwater Irrigated Agriculture
- Improving the Sustainability of Impacts of Agricultural Water Management Interventions in Challenging Contexts



Left: - Climate change impacts in Sri Lanka – rice growers in Nelumwewa, Puttalam – Review on Water Matters, by Nishadi Eriyagama (IWMI) - Vulnerability Hot Spots and Options for Adaptation

Middle: - IWMI Ruhuna Benchmark Basin, Excess water escape structure - picture by Mr. Ariyaratne, B.R. – (Coordinator)

Right: - Dr. Manthrilake in discussion with community members - Improving the Sustainability of Impacts of Agricultural Water Management Interventions in Challenging Contexts project

Mission: - to improve the management of land and water resources for food, livelihoods and the environment.

Vision: - reflected in the Strategic Plan is water for a food-secure world.

Masters in Development Practice (MDP)
Internships arranged by the Foundation for Environment, Climate and Technology,
c/o H.A.O & M. Unit, Digana Village, Rajawella.