



**Department of Botany**  
**Faculty of Science / University of Peradeniya**



**Prof. H.M.S.P. Madawala**

*B.Sc. (Perad.), M.Phil., Ph.D. (Cantab)*

**Professor in Botany**

✉ [sumedham@pdn.ac.lk](mailto:sumedham@pdn.ac.lk)

✉ [sumedha.madawala@gmail.com](mailto:sumedha.madawala@gmail.com)

☎ +94 81 239 (4525)

☎ +94 71 446 0927

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**Higher Education Qualifications**



**PhD**

University of Cambridge  
United Kingdom  
(1997)



**MPhil**

University of Cambridge  
United Kingdom  
(1994)



**BSc**

University of Peradeniya  
(1992)

## Awards, Scholarships, Memberships & Fellowships



National Research Council Merit Award for Scientific Publications - 2010



The President's Award for Scientific Publication - 2011



The President's Award for Scientific Publication - 2012



The President's Award for Scientific Publication - 2013



The President's Award for Scientific Publication - 2014

## Positions Held



Chairperson, Board of Study in Science Education



Member, Board of Management, Postgraduate Institute of Science, Peradeniya- (2016 to date)

## My Teachings



Nothing to show under this subheading !!!

## Research Interests (Research Fields/ Projects)

Biology of Invasive plants  
Forest Ecology  
Restoration Ecology

Soil Microbiology  
Plant Ecophysiology

## Ongoing Research and Projects



### **Investigation on Ecological and Socio-Economic Impacts of Bamboo (*Bambusa bambos* L. Voss) in Intermediate Zone forests in Sri Lanka**

A native bamboo species (*Bambusa bambos*) is expanding its population in Dry and Intermediate Zone forests in Sri Lanka altering their structure, composition and diversity. So far, less attention has been drawn to this problem as generally bamboo considered as a plant with an economical value. In this project, we are looking at the impacts of the spread of bamboo in these forests and also its socio-economic impacts on the communities living close to these forests.

## Key Publications



- (2016)

Phylogenetic turnover along local environmental gradients in tropical forest communities.



New Zealand Journal of Botany - (2014)

Comparative growth and photosynthetic responses of native and adventive iceplant taxa to salinity stress.

## Conferences



Nothing to show under this subheading !!!

## My Publications

Please goto the website.

<https://sci.pdn.ac.lk/botany/staff/Sumedha-Madawala>