

Information Form

Title (Prof. Dr. Mr. Mrs.)

Full name (underline surname):

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Institution:.....

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Postal address:.....

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I will present a paper / participate at the symposium.

* please delete whatever inappropriate

Title of paper (if applicable)

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Tel. (Office):.....

Tel. (Home):.....

Fax:.....

E-mail:

Recommendation of the Head of the Institution:

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Signature of the Head of the Institution

(Xerox copies of this form are acceptable)

Water Professionals' Day Symposium - 2015

**Water Resources Research
in Sri Lanka**

Symposium Theme

Water – Food - Ecosystem Nexus
Understanding the inter-sectoral
linkages for sustainable water
management

October 01, 2015

Call for Papers

Organized by

**Cap-Net Lanka,
Postgraduate Institute of Agriculture
&
Geo-Informatics Society of Sri Lanka
(GISSL)**

Please Circulate



Introduction

Population growth, economic development, increased demand for food and energy have exerted a great pressure on the ecosystems all over the world. More and more agricultural lands are required to cater to the increasing demand for food hence, important ecosystems such as forests, mangroves, wetlands are converted into agricultural lands at alarming rates. Most of these sectors attempt to achieve their goals individually without realizing the existing connectivity between them and the ecosystems. However, it is important that these common development goals should be achieved without compromising the functions of valuable ecosystems which play an important role in ensuring water and food security. Establishment of Inter sectoral linkages is vital for the integrated management of water and other natural resources at local, national and transboundary scales.

Doubling in global food demand projected for the next 50 years poses huge challenges for the sustainability of the agricultural, terrestrial and aquatic ecosystems and the services they provide to the society. Heavy usage of fertilizers and agro chemicals has started producing harmful impacts on the vital ecosystems all over the world. The watersheds lose their forest cover for agriculture and industries. All these anthropogenic activities have created imbalances in the natural ecosystems which in turn bring negative consequences such as soil and water pollution, reduction of water quantity, pest attacks on crops, floods and landslides, human health issues, etc. Within this context, it is important to understand the connectivity between all water related sectors and the ecosystems when making alterations in one sector without compromising the needs of the other sectors. Gaining knowledge about inter sectoral linkages will eventually help to achieve

the sustainability in water, food and other important sectors while maintaining the functions of the ecosystems.

The Water Professionals' Day symposium is reaching its 13th milestone in 2015. It was initiated in 2003 with the objective of promoting water resources research in Sri Lanka by providing a platform for the water professionals and the students to present and discuss their research findings related to water. The Water Professionals' Day Symposium – 2015 will be held under the theme of 'Water-Food-Ecosystem Nexus: Understanding the inter-sectoral linkages for sustainable water management'.

Date: October 01, 2015

Venue: Professor R.R. Appaturai Auditorium of the Faculty of Agriculture, University of Peradeniya.

Major Themes

- Water productivity in agriculture
- Sustainable water use techniques
- Integrated Water Resources Management
- Improving efficiency in irrigation systems
- Water pollution
- Land, water and ecosystems
- Climate change, water and food security
- Groundwater and agriculture

Research papers must contain original findings of the authors. The deadline to receive papers is September 04, 2015. The authors are requested to send papers in MS Word format. Papers should include an abstract of not more than 300 words, introduction, methodology with materials used (if relevant),

Call for Papers

findings, discussion, conclusions & recommendations and references. Innovative styles of writing are also welcome. If figures or graphs are included, they should be clear and printed in black & white and the number of figures/ graphs should not exceed four. The total number of pages should not exceed 15 pages (B5). Papers will be selected for presentations after review by an eminent panel of scientists. The papers which are presented at the symposium will be published in the Proceedings of the Water Professionals' Day Symposium 2015.

The full paper and the duly completed information form given in this leaflet should be sent to:

Dr. (Ms.) N.D.K. Dayawansa

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Peradeniya

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