

MKN Kumari

Lecturer in Water Management,
Department of Agricultural Engineering & Soil Science,
Faculty of Agriculture,
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Personal Details

Date Of Birth: 17th December 1981
Gender: Female
Religion: Buddhist
Nationality: Sri Lankan
Civil Status: Married
NIC Number: 818523505V

Employment Record

Detailed tasks assigned

- Have been working as a Lecturer in Faculty of Agriculture, Rajarata University of Sri Lanka since 04th May 2009

Subjects taught:

- Principles of Irrigation
 - Irrigation & Water Management
 - Water Resources of Sri Lanka
 - Watershed Management
 - Agricultural Meteorology
- Have worked as a Temporary Lecturer in Faculty of Agriculture, Rajarata University of Sri Lanka from 22nd October 2007 to 3rd May 2009
 - Have worked as a Demonstrator in Faculty of Agriculture, Rajarata University of Sri Lanka from 15th August 2007 to 21st October 2007
 - Have worked as a Temporary Lecturer in Faculty of Agriculture, University of Ruhuna from 1st January 2007 to 14th August 2007

Academic Qualifications

1. M.Phil. in Agricultural Engineering (Integrated Water Resources Management) – Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka (2014)

Overall GPA: **3.85**

Disciplines covered :

Year 1 semester 1

Hydrology & Meteorology	A	Water & Society	A
Soil Mechanics	A	Water Resource Economics I	A

Year 1 semester 2

Water Quality for Agriculture and Environment	A	GIS for Natural Resources Management	A
Health Sanitation and Wastewater Management	A-		
Interdisciplinary Field Research Methodology	A		

Year 2 semester 1

River basin Planning & management	A	Environmental Impact Assessment	A
Application of Remote Sensing in Agriculture	A	Seminar	A
Advanced Irrigation Management	B	Gender in IWRM	A-

Successfully completed the thesis on **Quality and Availability of Agro-well Water in Malwathu Oya Cascade-I in Anuradhapura District**

2. BSc. Agriculture (Special) – Faculty of Agriculture, University of Ruhuna, Matara, Sri Lanka (2006)

Class: **FIRST CLASS honours**

Disciplines covered : *Final Year*

Agric. Engineering	A+	Biometry & Applied Statistics	A+
Computer Applications	A+	Natural Resources & Environment	A+
Field of Specialization – Agricultural Engineering	A+		

Successfully completed the thesis on **Improving Water Security for Crop Production through Agro-climatic Approach : A case study in Anuradhapura District.**

3. G.C.E (Adv. Level) August 2000 – Anula Vidyalaya, Nugegoda, Sri Lanka

Passed with 01 Distinction, 01 Very good passe & 01 Credit pass

4. G.C.E. (Ord. Level) December 1997 - Anula Vidyalaya, Nugegoda, Sri Lanka

Passed with 08 Distinctions

Professional Qualifications

Language Literacy

- Qualified Proficiency in English Certificate Course (Level I, II & III) - University of Ruhuna

IT Literacy

- Followed Computer Awareness course for data analysis (SAS, SPSS, Minitab & MS Office package) - University of Ruhuna
- Ability to work with GPS instruments and GIS software

Other

Successfully completed Certificate Course in Staff Development conducted by Wayamba University of Sri Lanka, 2010

Trainings / Workshops / Seminars attended / conducted

International

- Participated to Young Scientist Conference on Extreme Weather Events in the context of Climate Change conducted by British Council in 2007 at New Delhi, India.

National

- Participated 2nd international conference on community & water services, Sri Lanka “Water Cooperation for Community Development” organized by Ministry of Water Supply and Drainage, Sri Lanka, August 2013 in Anuradhapura, Sri Lanka.
- Participated two days Training workshop Skills for Science Communication to the public conducted by National Science Foundation in 2011 at Rajarata University of Sri Lanka.
- Participated to the Workshop of Rainwater harvesting and groundwater recharging conducted by Sri Lanka Rainwater Harvesting Forum in 2010 at Anuradhapura.
- Participated to brain Storming Session on preparation of Community Awareness Program in Adaptation to Climate Change and Climate related natural disasters- Sri Lanka as a resource person conducted by NetWwater in 2009 at Colombo.
- Participated to workshop on Facing Challenges in the Competitive Job Market conducted by Career Guidance Unit, faculty of Agriculture, Rajarata University of Sri Lanka held on December 2008.
- Participated to workshop on Communication in Higher education conducted by Staff Development Centre, Rajarata University of Sri Lanka held on July 2008.
- Participated to Workshop on e-Learning conducted by Computer Centre, Rajarata University of Sri Lanka held on February 2008.
- Participated to North Central Province Water Dialogue conducted by Governors office of NCP and SLWP in 2007 at Ceybank Rest, Anuradhapura.

- Participated to worksop on Research Management conducted by Staff Development Centre, Rajarata University of Sri Lanka held on December 2007.
- Participated to Workshop on How to build a pleasing personality and positive attitudes towards conducted by Computer Centre, Rajarata University of Sri Lanka held on December 2007.
- Participated to Workshop on Student Counselling conducted by Computer Centre, Rajarata University of Sri Lanka held on December 2007.
- Organized a Symposium on “Present Situation of River Sand Mining in Southern Sri Lanka and its effect on Livelihood, Agriculture and Natural Habitat” held on 7th December 2006 at University of Ruhuna, Matara.
- Organized a “Dialogue of Stakeholders affected by River Sand Mining” held on 10th February 2007 at Bingiriya Devagiri Rajamaha Viharaya, Bingiriya.
- Organized a Seminar for World Water Day on “Jala Sampatha Surakimu” Sisu – Jala Hamuwa held on 22nd March 207 at University of Ruhuna, Matara.
- Organized the “Impacts of Unregulated River Sand Mining in Sri Lanka” Awareness program for the police officers in Southern Sri Lanka held on 4th April 2007 at University of Ruhuna and 5th April 2007 at Police In Service Training Center, Galle.
- Organized the “National Sand Dialogue” held on 29th June 2007 at Parisara Piyasa, Central Environmental Authority, Battaramulla.

Leaderships, Honors & Activities

- Won the Award of BEST PRESENTER of the session on “Water quality for Agriculture” in 25th Annual Congress of Postgraduate Institute of Agriculture, University of Peradeniya held on 20-22 November 2013
- Won the Award of BEST PRESENTER in 8th Annual Research Sessions of Agricultural Graduates 2007 conducted by Faculty of Agriculture, University of Ruhuna.
- Won the Dr. S.K. Charles Memorial GOLD MEDAL for the most outstanding performance at the degree of Bachelor of Science of Agriculture final examination in year 2006 at 15th General Convocation of University Ruhuna held on 30th November 2007.
- Member of Sri Lanka Association for the Advancement of Science (SLAAS)
- Member of Gender and Water Alliance (GWA)

Positions hold

- Warden- Female hostels, Faculty of Agriculture, Rajarata University of Sri Lanka, from 19.06.2014 to date
- Member of Soft skills development committee, Faculty of Agriculture, Rajarata University of Sri Lanka in 2013 to date

- Member of Library committee, Faculty of Agriculture, Rajarata University of Sri Lanka in 2012 - 2014
- Faculty Coordinator of Annual Research Symposium 2013, Rajarata University of Sri Lanka
- Faculty Coordinator of Annual Research Symposium 2011, Rajarata University of Sri Lanka
- Co- coordinator of Student Research sessions of Agricultural Graduates 2009, Rajarata University of Sri Lanka
- Co- coordinator of Student Research sessions of Agricultural Graduates 2008, Rajarata University of Sri Lanka

Research & Publications

Publications

Peer Reviewed Journal Papers

- MHJP Gunarathna and **MKN Kumari**, 2014, *Sustainable Management of Malwathu Oya Cascade-I: Present Status and Future Needs*, Journal of Agricultural Engineering Vol.1 No. 1.
- **MKN Kumari**, S Pathmarajah and NDK Dayawansa, 2013, *Characterization of Agro-Well Water in Malwathu Oya Cascade-I in Anuradhapura District*, Tropical Agricultural Research Journal 2013, Vol.1.
- MHJP Gunarathna and **MKN Kumari**, 2013, *Rainfall trends in Anuradhapura: Rainfall analysis for agricultural planning*, Journal of Rajarata University of Sri Lanka Vol.1 No. 1.

Peer Reviewed Symposium Proceedings (Full Papers, Extended Abstracts and Abstracts)

- **MKN Kumari**, APS Fernando, MHJP Gunarathna and RMSH Rathnayaka, 2014, *Socio- economic Status of Agro-well farmers in Malwathu Oya Cascade-I in Anuradhapura District*, 2nd International Research Symposium, Rajarata University of Sri Lanka,
- LGN Lakmali, MHJP Gunarathna and **MKN Kumari**, 2014, *Evaluation of Evapotranspiration Estimation Methods: A Study in Anuradhapura, Sri Lanka*, 6th Annual Research Symposium, Faculty of Agriculture, Rajarata University of Sri Lanka, Puliyankulama, Anuradhapura, Sri Lanka.
- EWMUU Ekanayake, MHJP Gunarathna and **MKN Kumari**, 2014, *Rainfall Trends in DL_{1b} Agro-ecological Zone of Sri Lanka*, 6th Annual Research Symposium, Faculty of Agriculture, Rajarata University of Sri Lanka, Puliyankulama, Anuradhapura, Sri Lanka.
- RMSH Rathnayake, **MKN Kumari** and APS Fernando, 2013, *Impact of Agro-wells in Livelihood and Cropping Patterns in Malwathu Oya Cascade-I*, Anuradhapura District, Proceedings of Undergraduate Research Symposium 2013, Faculty of Agriculture, Rajarata University of Sri Lanka.
- KGS Nirmanee, **MKN Kumari** and MHJP Gunarathna, 2013, *Availability and Quality of Groundwater in Malwathu Oya cascade- I*, Anuradhapura District Proceedings of Undergraduate Research Symposium 2013, Faculty of Agriculture, Rajarata University of Sri Lanka.
- K. Sarawanan, MHJP Gunarathna and **MKN Kumari**, 2012, *Improving Crop Water Security Through Agro-Climatic Approach: A Case Study in Anuradhapura District*, Proceedings of Undergraduate Research Symposium 2012, Faculty of Agriculture, Rajarata University of Sri Lanka.
- LRGD Bandara, **MKN Kumari** and MHJP Gunarathna, 2012, *Availability & Suitability of Agro-well Water in Malwathu Oya cascade-I in Anuradhapura District*, Proceedings of Undergraduate Research Symposium 2012, Faculty of Agriculture, Rajarata University of Sri Lanka.

- KAGMP Kumara, NS Abeysingha and **MKN Kumari**, 2011, *Groundwater level & quality of Kammalakkulama village in Anuradhapura*, Proceedings of Undergraduate Research Symposium 2011, Faculty of Agriculture, Rajarata University of Sri Lanka.
- SSK Chandrasekara, **MKN Kumari**, AL Aravinda, LW Galagedara and NDK Dayawansa, 2010, *Effect of delayed cultivation on irrigation water management and other cultivation practices: A case study in Maha-Illuppallama*, Water professionals day symposium - 2010, University of Peradeniya.
- MHJP Gunarathna, CM Navaratne, **MKN Kumari**, 2009, *Improvement of Water Security for paddy cultivation through an Agro - Climatic Approach in Hambantota district, Sri Lanka*, An International Perspective on Environmental & Water Resources, Asian Institute of Technology, Bangkok, Thailand.
- **MKN Kumari**, CM Navaratne, 2007, *Effect of Rainfall changes on Crop Production in Anuradhapura District, Sri Lanka*, Young Scientists networking conference on extreme weather events, New Delhi, India.
- **MKN Kumari**, CM Navaratne, 2007, *Crop security through agro – climatic approach: A case study Anuradhapura District*, Academic Sessions, University of Ruhuna.
- **MKN Kumari**, CM Navaratne, 2007, *Improving water security for crop production through an Agro-climatic Approach: A case study in Anuradhapura District*, 8th Annual Student Research sessions of Agricultural graduates 2007, University of Ruhuna.
- **MKN Kumari**, CM Navaratne, 2007, *Intensification of upland crop production in Anuradhapura district through agro- climatic approach*, Proceedings of 63rd Annual Research Sessions, SLAAS.
- **MKN Kumari**, CM Navaratne, 2006, *Drought analysis in relation to crop production: Anuradhapura district*, 11th International Forestry & Environment Symposium, University of Sri Jayawardanapura.
- **MKN Kumari**, CM Navaratne, 2006, *Improving water security for crop production through agro-climatic approach : A case study in Anuradhapura*, 3rd Water professionals day symposium, University of Peradeniya.
- NNRN Nugera, **MKN Kumari**, LM Abeywickrama, 2006, *Social phenomenon of bottled water: Hypes and reality*, Proceedings of 62nd Annual Research Sessions, SLAAS.

Other qualifications

- Effective communication & presentation skills
- Ability to work well with others
- Readily accept challenge

Referees

Dr. G.Y. Jayasinghe,
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 Faculty of Agriculture,
 University of Ruhuna,
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