



北里大学

Kitasato University

医療衛生学部

School of Allied Health Sciences

My Journey in Japan

Mohan Amarasiri

School of Allied Health Sciences

Kitasato University

2021/08/10

Basic facts about Sri Lanka



- Area 65,610 km²
- Population 21.9 million
- Population density 334/km²
- Multi-religious, multi-ethnic country
- Nominal GDP/capita 3,830 USD
- Gini coefficient 39.8 (Medium)
- HDI 0.72 (High)

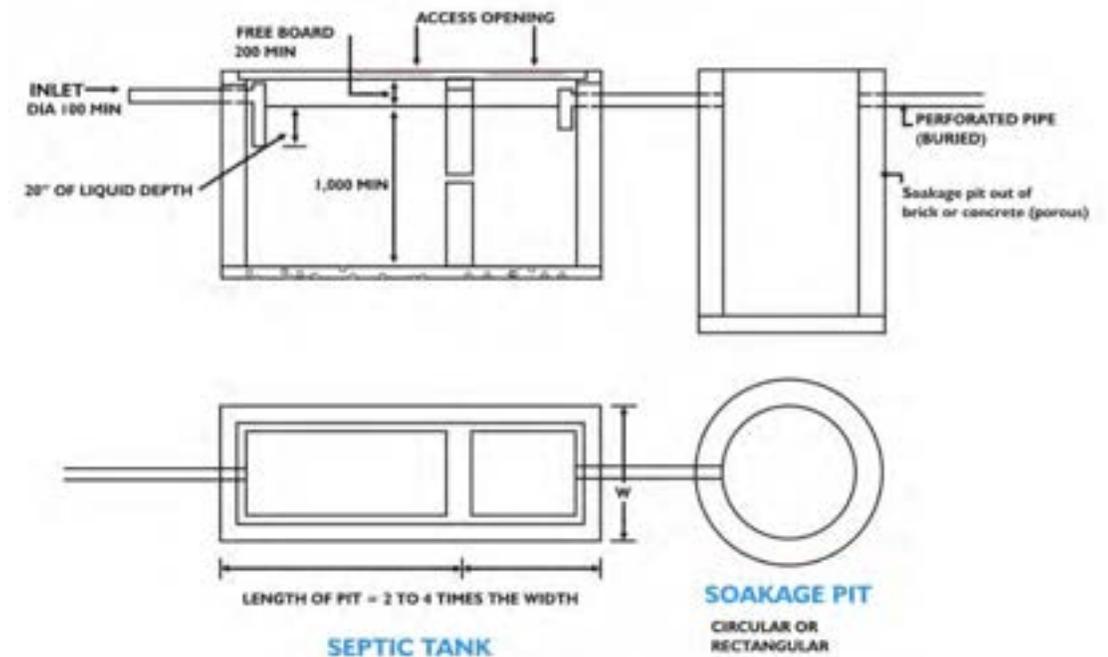
<https://www.worldometers.info/maps/sri-lanka-political-map/>
Wikipedia

Institution	Coverage (%)
National Water Supply and Drainage Board (NWSDB)	around 40% of piped services
Community Water Supplies (4,400 CWSs)	11% of the population with mainly piped water supply
Local Authorities	5%
Estates	2%
Self-supply (protected dug wells and rainwater harvesting systems)	35%

- **Safely managed status** is only achieved by NWSDB managed schemes because its water is tested and data are available.

Sewerage systems in Sri Lanka

- Most households in Sri Lanka have a proper toilet. 5-7 % use shared or public toilets, have a direct-drop pit latrine, or doesn't have a fixed toilet.
- Safely managed sanitation (sewerage services) is available for 3% of the population or when a household uses a two-pit pour-flush latrine with some 3 years storage capacity for one pit.



Have you seen this video?



「壁がある。だから、行く。」 Try For Dreams. 篇
6.2M views · 1 year ago
TheKubotaChannel



村に“水”を引くことができたんだ

Academic timeline



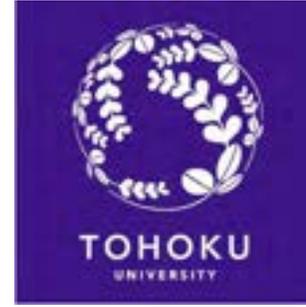
University of
Peradeniya
Sri Lanka
2007-2012

BSc(Eng) (2007-2011)

- MEng (2012-2014)
- PhD (2014-2017)
- Diploma in Sustainability Sciences
- Diploma in Health, Science, and Environment
- Intern, National Institute of Infectious Diseases



Hokkaido University
Japan
2012-2017



Tohoku University
Japan
2017-2020

- Assistant Professor
- Visiting Researcher
 - Ehime University
 - Technical University-Lisbon



Kitasato University
Japan
2020-

- Junior Associate Professor

Why Japan and why Hokkaido University?



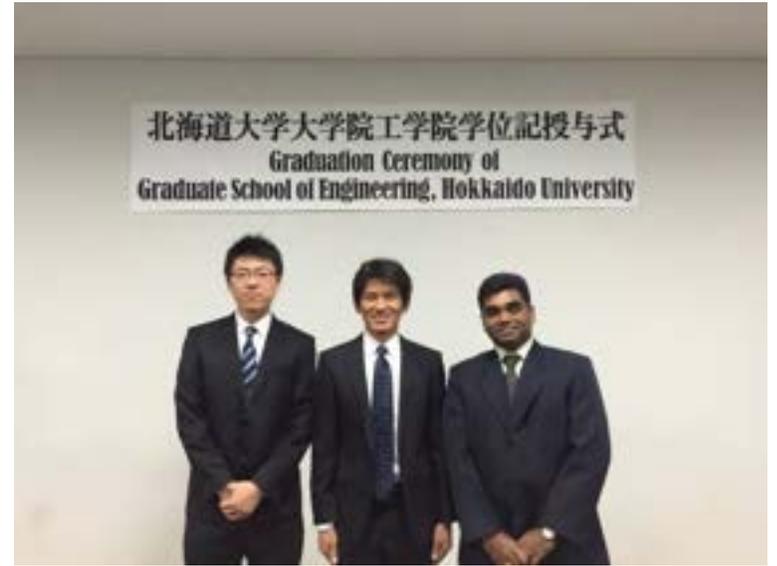
Dr. Lashitha Rathnayaka
Dr. Wasala Bandara

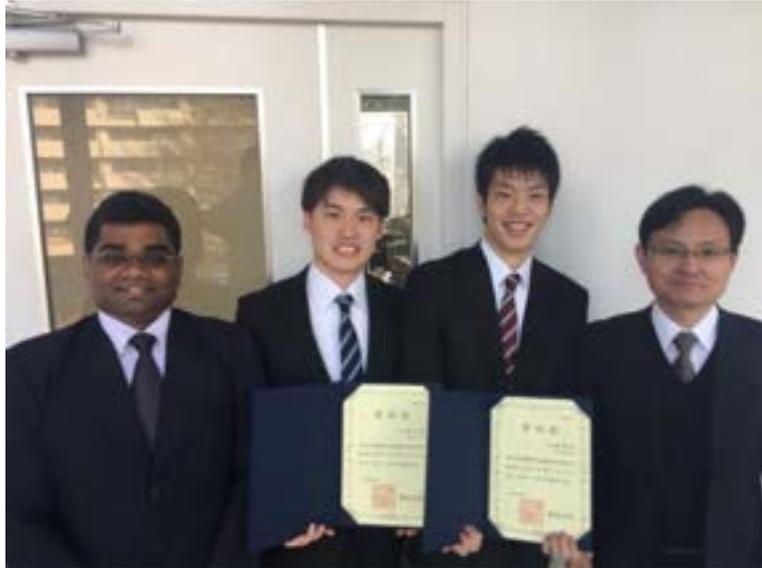


Prof. Hisashi Satoh



Prof. Daisuke Sano





First graduates
from Sano Lab



A visit from
Dr. Yasuhiro Asada



A visit from
Dr. Miyu Fuzawa



Awards and recognitions



えんじにあRing (2017/4)



WET 2013 Excellent presentation award



IWA-HRWM 2019 Excellent poster award



JSWE-ORGANO award (2017/9)

English Engineering Education Program (e3)



ACTIVITIES!

Hello everybody,

I am Mohan from Sri Lanka. This is my 4th year in Sapporo and currently I am in my 2nd year of PhD in the water quality control engineering lab. My research is focused on nonpoint. I am studying how they behave in water environments.

I am happy to share my experiences with e³ and in Japan with you all. I have attended so many e³ activities. Individually, as a member of the Sri Lankan team and as a SO member. It is a very nice place to meet new friends and improve your organizational skills. As you all are aware, e³ is not only for fun, it also provides so many opportunities towards your career development also. But, to be honest my favorite event is Sapporo because we can taste so many types of food in the same place. Thanks to e³, I have travelled in many areas around Hokkaido. Moreover, I have followed the career guidance series and tried to improve my transferable skills also. But, my recommendation for all of you is to join a task group. Sometimes it is a tough job. But you will learn lot of things and finally feel delighted by seeing the success of your job. By the way, if you need an extra hand in the task group, you can ask me.

See you in future all activities.

Mohan Amarasiri
Water Quality Control Engineering Lab

"My recommendation for all of you is to join a task group."



I also worked as an executive committee member of the student organization and joined many task groups





- Interaction with students from other faculties of Hokkaido University
- Simultaneous classrooms in universities from 5 countries
- Extensive field-work
- Networking



As Sri Lankan students of Hokkaido University, we conducted annual charity events to raise funds and develop library facilities in Sri Lankan schools



**A visit by Prof. Mary Estes
(2016/5)**



**ISFEV conference in Japan
(2016/9)**

Great opportunities



Member of the rapporteur team
IWA-World Water Congress
Tokyo-2018



Guest lecturer
Science Dialogue Program 2018
Fukushima Science High School



English speaking assistant for Hokkaido University undergraduates



Sinhala Language class for Japanese Language teachers



**Technical University
Lisbon (2019/9)**



**Ehime University
(2019/7)**

- Japanese Language
 - Arrived in Japan with zero speaking and comprehension skills
 - Took Japanese language classes at Hokkaido University for 3 years
 - Currently, undergraduate lectures are conducted in Japanese
- Climatic conditions
 - Sapporo → Sendai → Sagami-hara, summers are getting hotter
- Less community interactions
- Far from home and nervous about family (COVID-19)

- Collaborative research can find solutions for common environmental problems
 - Our laboratory currently collaborates with Nepal, and Ghana
 - Trying to establish collaborative research with Sri Lanka
- Continuous professional development
 - Conducting multi-disciplinary research to address current and emerging environmental problems
 - Contributing to the process of research knowledge dissemination

Acknowledgements

- Prof. Satoshi Okabe
- Prof. Daisuke Sano
- Prof. Kazunari Sei
- Prof. Hisashi Satoh
- Prof. Masaaki Kitajima
- Prof. Takashi Furukawa
- All the friends and students



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