

Professional Summary

Decisive sustainability professional and drone pilot offering expertise in agri-environmental impact assessment techniques and compliance program development hones across 7 years of industry performance. Well-versed in ecologically sustainable agricultural practices with in-depth knowledge of regulatory guidelines and diverse cropping systems.

Skills

- Authorised Person: Environmental Protection Act 1994, Waste Reduction and Recycling Act 2XXX
- Licensed Remote Pilot (RePL: up to 25 kg)
- Knowledge of Regulation Type Regulations
- Impact Investing
- Leadership, Conflict Resolution and Teamwork
- Verbal and Written Communication
- Client Service, Network Building, and Professionalism
- Data Analysis and Evaluation (Digital Literacy)
- Work Ethics and Workplace Safety

Work History

Senior Agricultural and Environmental Officer, 10/2022 to Current

University Of Kansas – Mackay, QLD

- Foster ecologically sustainable rural agriculture and improves state's environmental performance by delivering compliance functions towards Great Barrier Reef protection measures.
- Lead and participate in inspections, gather compliance audit evidence and ag-environmental data, report generation and negotiate with industry, government, and community on ag-environmental issues.
- Designed, led and participated in over 50 Central Queensland reef inspections; boosted Mackay inspection count by 40%

Agricultural and Environmental Officer, 09/2021 to 10/2022

Department Of Environment And Science – Mackay

- Managed client databases and information management systems and dealt with specialised software and online tools to support compliance.
- Facilitated, designed and implemented reef inspections in 40 properties/industries. (Highest in Mackay)
- Completed over 30 inspection reports. (Highest in Mackay)

Postdoctoral Researcher, 12/2019 to 09/2021

The University Of Southern Queensland – Toowoomba

- Contributed to and actively participated in research conception, design and execution to address ag-environmental problems.
- Taught agricultural molecular biology to 5 PhD students and co-authored 4 PhD research projects.
- Leveraged interpersonal and communication skills to mentor PhD, graduate and undergraduate students.

Doctoral Researcher, 09/2016 to 12/2019

The University Of Southern Queensland – Toowoomba

- Performed research into study topics to increase knowledge and to provide valuable scientific contributions.
- Completed PhD in 3 years, resulting in an AUD 50 000 cost benefit to the university.
- Adhered to laboratory safety procedures to maintain compliance with quality control standards.

Accomplishments

- Completed the highest number of compliance inspections in the Mackay Reef Team.
- Completed my PhD project in three years resulting in an AUD 50 000 cost benefit to the University.
- Provided scientific and administrative support to complete three of the longest and most complex national agri-environmental projects in Australia.
- As a team, received the grant and completed all the project milestones of Australia's first in-depth study in soilborne diseases on Sesame.

Education

MBA (Executive) (Currently Completing): Technology

University of New South Wales - Sydney, NSW

Ph.D.: Agri-environmental Molecular Biology, 01/2020

University of Southern Queensland - Toowoomba, QLD

- Thesis Statement: Site-specific photosynthesis in wheat (Triticum aestevium.L): MyeQuals: Link
- Recipient of Best Scientific Research Presentation (GCPMB/ LonClaire, the UK) Award
- International Research Scholarship, 2016 from University of Southern Queensland

Bachelor of Science: Agricultural And Environmental Biology, 03/2016

University of Ruhuna - Sri Lanka

- 6.5 GPA
- Degree Awarded with Honours First Class
- Recipient of DKA Memorial Gold Medal

Bachelor of Science: Information Technology, 02/2016

University of Colombo - Sri Lanka

- Studied: Programming and Software Engineering
- Professional Development Studies: Web Development
- Operations Management System (Web-based) - Capstone Project

Certifications and Awards

- Recognized in the Distinguished Talent Program: Australian Government. 2020.
- Best Presentation: Global Conference on Plant Science and Molecular Biology. LonClaire, The UK. 2019.
- Scholarship: Genome Editing and Beyond, International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste, Italy. 2019.
- International Research Scholarship: University of Southern Queensland, Australia. 2016 - 2019.
- D.K.A Memorial Gold Medal: Faculty of Agriculture, University of Ruhuna, Sri Lanka. 2016.