

CAPABILITY STATEMENT

Faruq Isu



Consultant

CONTACT DETAILS

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QUALIFICATIONS

- Master of App Sc (Agricultural Science)
- B Sc (Env Sc)
- ChemCert Australia (AQF3)

PROFESSIONAL ASSOCIATIONS

- RAID (Researchers in Agriculture for International Development)

Faruq is a consultant in the Environmental Sustainability team at Pinion Advisory. Having degrees in agricultural and environmental sciences, Faruq specialises in sustainable land use planning, development and management. His areas of expertise include land use planning reports, land capability and soil assessments, sustainable irrigation management plans and agricultural research and extension.

Faruq has experience working collaboratively with Tasmanian agricultural producers to enhance their farming practices. This, along with other industry roles, has contributed to his ability to understand and dissect complex issues and communicate effectively with a wide range of stakeholders.

With strong interests in the natural environment, climate change and sustainable agricultural practices, Faruq has been involved in a wide range of projects, in Australia and overseas.

Areas of expertise

- Acid sulfate soil assessments
- Soil mapping
- Soil sampling and results interpretation
- Land capability assessments
- Land use constraint analysis
- Farm water access plans
- Agricultural field trials
- Agricultural extension and group facilitation
- Social research
- Climate change mitigation and adaptation

Professional experience

- Pinion Advisory - Consultant, 2021–present
- Southern Farming Systems (SFS) – Research and Extension Officer, 2020-2021
- TAP AgriCo - Dryer Manager, 2019-2020
- Coles Supermarkets, Team member, 2014-2018
- Center for Sustainable Development (CSD), University of Liberal Arts Bangladesh (ULAB) – Assistant Operations Coordinator, 2011-2014

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Relevant projects

PROJECT	ROLE	CLIENT	YEAR/S DELIVERED
Agricultural assessments and planning scheme compliance reports	Preparation of property and development assessments and reports for agricultural impact and planning scheme compliance	Landowners, councils and developers	2021-ongoing
Acid sulfate soil assessments	Soil assessments to determine the presence and severity of potential acid sulfate soils on farm dam sites and management recommendations.	Various landowners	2021-ongoing
Hyper yielding crops (HYC)	Coordinate with SFS's grower network to collect data and samples from across Tasmania's grain growing region, conduct data analysis and reporting. Information enabled FAR Australia to conduct their yield analysis, comparison (state level) and awards program	GRDC/FAR Australia	2020-2021
Dung Beetles Ecosystem Engineers project	Conduct dung beetle surveys for SFS. Tasks involved setting up traps across multiple locations, collecting regular samples and reporting results via an app	MLA/Dept. of Agriculture and Water Resources	2020-2021
'Pastures from Space' as part of smart farms project	Conducting 'calibration cuts' - collecting relevant data and samples from selected pasture paddocks. Data was used to calibrate satellite estimates of pasture growth which passed over the paddocks every month	Multi-agency (Govt. funded)	2020-2021
'Greening ULAB'	Co-design and implementation of a university wide sustainability initiative to raise awareness and reduce energy, water and paper consumption. MoUs with recycling service providers were signed and services implemented. Recommendations were made to the university board regarding campus wide rainwater harvesting and composting facilities, along with strategies for energy efficient lighting and plumbing	University of Liberal Arts, Bangladesh (ULAB)	2013-2014