



Bio-resource Engineer

Peter Tweddle is a Bio-resource Engineer at SASRI. He constantly seeks ways to adapt, design, develop or improve technology or systems that are used in the sugarcane industry. The main focus areas of bio-resource engineers at SASRI are irrigation, mechanisation and transportation system improvements. Projects may range from mill level investigations through to sustainable farming practice recommendations. SASRI engineers team up and work together with farmers, scientists, economists and other specialists to develop practical sustainable solutions to problems that need to be solved.

Peter finds his job challenging and varied with a good mix of field-work, conceptual, analytical, creative, design, strategic and tactical aspects. Engineers interact with a wide range of people of different disciplines which is interesting and rewarding. As demands on water, energy and other resources change, the challenge is to continuously improve, adapt, solve and promote engineering technology and solutions to meet industry needs.