

Company Profile

ICT International has been providing solutions for soil, plant and environmental monitoring since 1982.

In the early 1980's, Dr Peter Cull, having completed his PhD in irrigation monitoring, sought to expand his research and bring together scientific theories with their practical applications especially in soil and plant sciences. For Peter, water was always the key, and he believed that developing precision instruments to accurately measure, monitor and understand water would make a significant difference to some of the major challenges in food production and land use. That was thirty years ago. Since then, Peter and his wife Susan have developed ICT International into a highly successful manufacturing and export company providing scientific measuring and monitoring solutions in some of the world's harshest and most vulnerable environments. Peter, Susan and their team have built on the immense wealth of scientific knowledge to design, develop and manufacture their quantitative monitoring technologies and work collaboratively with leading soil, plant and environmental scientists in Australia and overseas as part of their world-renowned research and development program. In 2006 ICT International launched an innovation program which produced the company's first outstanding signature products; the SFM1 Sap Flow Meter and the PSY Stem Psychrometer. The SFM1 Sap Flow Meter determines how much water a plant is using and features digital point of measurement data processing to log data. The PSY1 Stem Psychrometer measures the plant's ability to access water and features the same digital point of measurement data processing, to log changes in the plant water status. ICT International's instruments are manufactured in Armidale, NSW, and designed and tested in the field. They have been installed to measure plant water use (sap flow), the effects of weather and environmental change in regions across the world including: the Amazon rainforests, California's 'tallest trees in the world', mine sites in Australia and Peru, agricultural land in Dubai and trees growing on the permafrost in Northern Canada. ICT International now exports their precision instruments to more than 50 countries with their customers including environmental and forestry researchers and managers; mine site rehabilitation officers; agricultural, horticultural and glasshouse businesses; governments; scientific agencies; and universities throughout North and South America, Europe, the Middle East, India and Asia. Through its commitment to innovative research, collaboration, and the manufacture and export of their precision monitoring instrumentation, ICT International is proud to provide world class scientific solutions enabling a greater understanding and improved management of water, soil, vegetation and the environment.

[Listen to our CEO Susan Cull speak at a radio interview](#) following ICT International winning an award at the NSW Premiers Export Awards. (14mb)

