

The use of Sensing Technology in Agrometeorology

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Over the past three years the Geoinformatics Research Centre (GRC) at Auckland University of Technology has been working in the research domain known as agrometeorology. As part of this work the GRC has designed and built a set of terrestrial WSN monitoring instruments. The real-time data logged by these instruments is being analysed for trends in climate variation and for the anticipation of events in Nature that influence crop production yield and quality. The instruments are located in some 30 sites across 7 countries.

This presentation describes the project and the international R&D collaboration that has grown from a single research question into a number of discrete yet related data analysis, design and modelling projects, some of them with commercial outcomes.

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