

QUALIFICATIONS

BSc(Hons), Biochemistry, Otago University,
1997

ROLE AT CAWTHRON

Eric is a systems analyst with the Sustainable Business Group. He combines skills in scientific analysis and computing, with a rigorous and critical analytical technique, coupled with creative flair and an appreciation of the absurd.



SPECIAL INTERESTS

- Complex system behaviour
- Modelling life systems and generating behaviour
- Low impact solutions / green technologies
- Ecosystems structure and behaviour
- Origin of life theories

PREVIOUS PROJECTS

- A modelling architecture for subcellular processes to reduce animal testing in the pharmaceutical industry
- Signal transduction models contributing to cancer treatment research
- Image analysis software for finfish and shellfish quality control systems
- Behaviour generation technologies for artificial-life protagonists of a popular computer game
- Genetic transformation of an ornamental species to modify floral pigmentation