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Thesis Title:

Integrated Bayesian Network frameworks for modelling complex ecological issues

Supervisors:

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Citation:

This thesis develops an integrated approach to modelling environmental issues and proposes a new heuristic suited to integrated Bayesian network modelling. This approach is then applied to three environmental issues: the initiation of a toxic blue-green algal bloom in Deception Bay; the relocation of problem cheetahs in South Africa and Botswana; and the viability of the free-ranging cheetah population in Namibia.