Grazing in the Burdekin

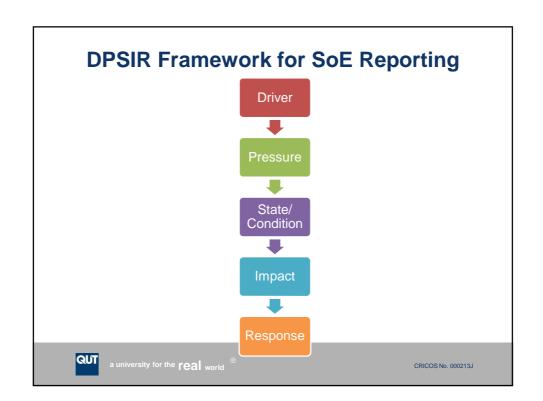
Sandra Johnson, Frith Jarrad, Sama Low Choy

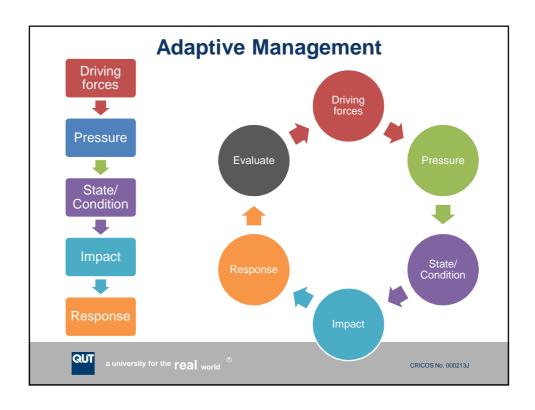


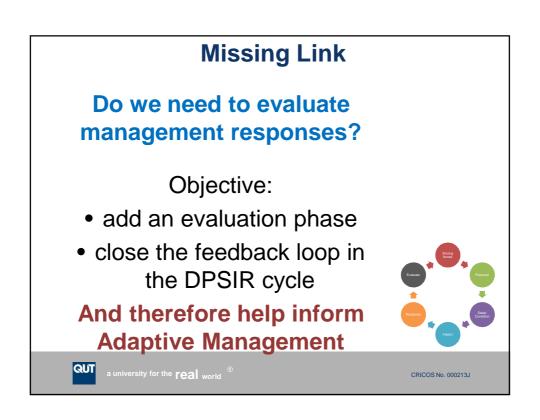
A case study to investigate BN modelling for State of Environment Reporting

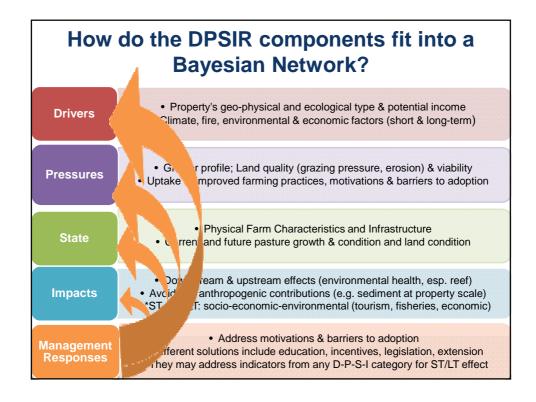


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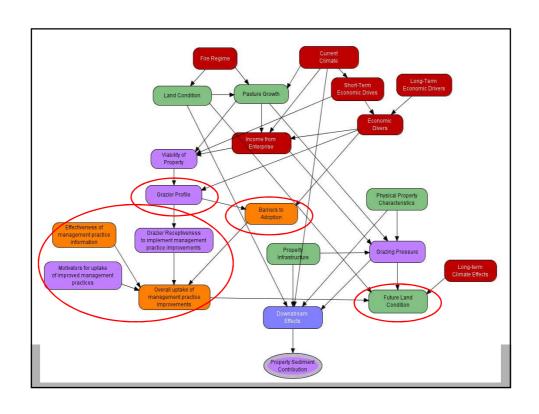


Identify strategically important policy or decision-making needs that could benefit from synthesis of SOE data

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Aim:

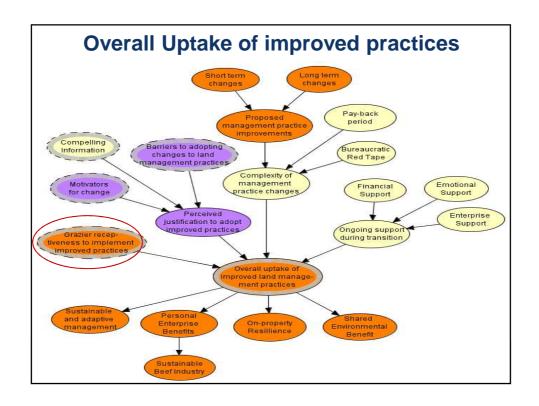


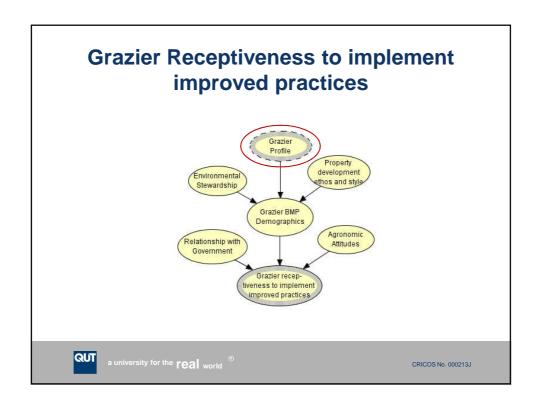


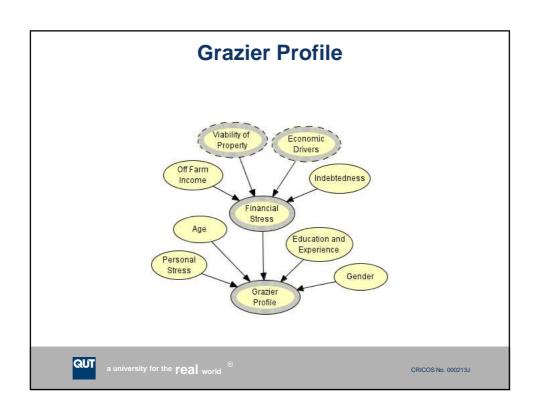
Object Oriented BNs (OOBNs)

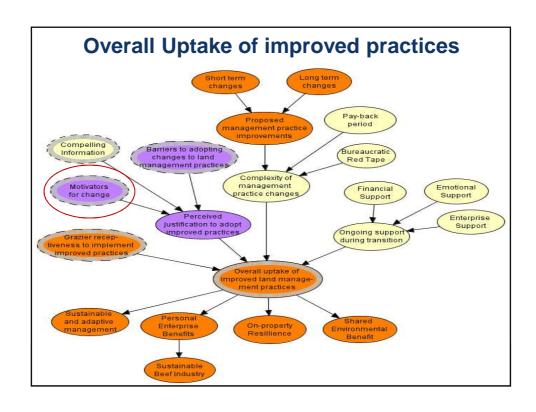
- Overcomes many limitations of traditional BNs
 - Feedback loops (time slices)
 - Dynamic modelling
 - Reduces clutter & hides details at various levels
- Improves visual aspects of model
- OOBNs provide an intuitive way of modelling
- 'Opens up' networks for integration with other BNs
- Each subnetwork is a self-contained OOBN
- Improved 'ownership of model' by stakeholders
- Enables parallel development of subnetworks

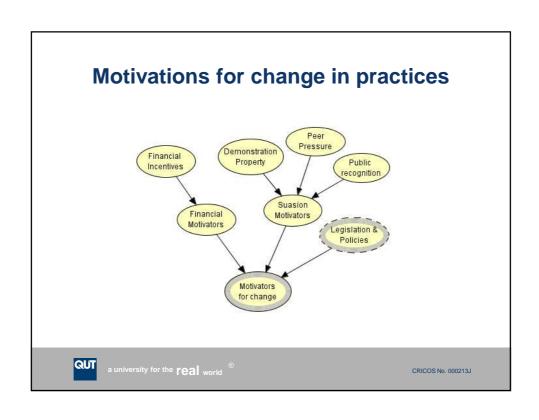


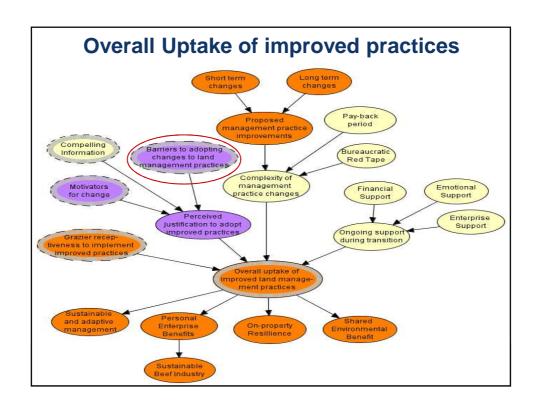


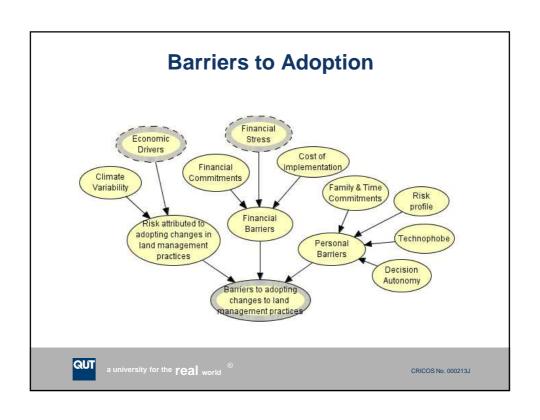


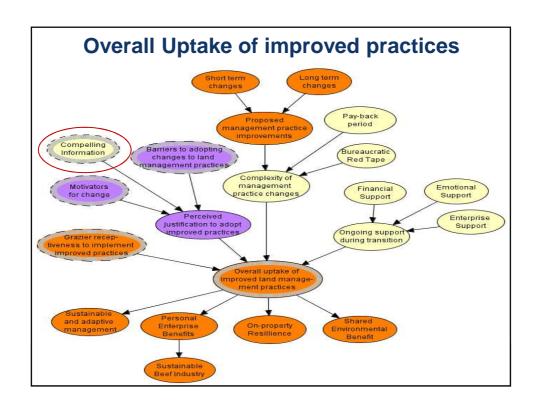


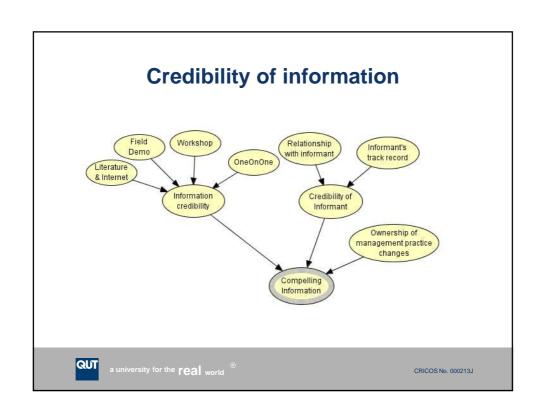


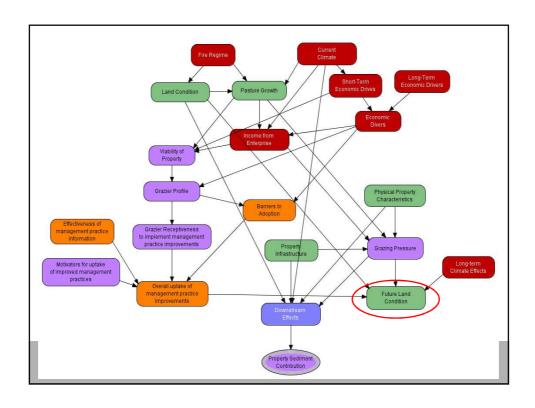


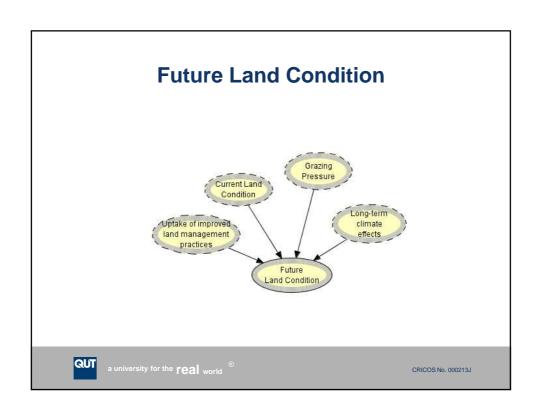












Hypothetical "What if"

Based on earlier version of the BN model!!



