


CitySmart
Sustaining Brisbane's Future

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Organisational Readiness: Coupling Ecology & Environmental Policy



Ecology & Environmental Policy Symposium, Shine Dome, Canberra 4 December 2009
Mr Stacey McLean, Brisbane City Council

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Organisational Readiness

Some key challenges:

- Scientific uncertainty and complexity
- Clarity of drivers
- Organisational Readiness**
- Value-adding
- Evidence-based policy

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Organisational Readiness

Organisational Readiness:

Apply the appropriate resources in a timely manner to deliver the right mix of investments and achieve effective biodiversity conservation outcomes



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Organisational Readiness

Organisational Readiness:

1. Workforce composition
2. Organisational placement
3. Capability:

Technology, knowledge networks, survivability, joint operations, resource optimisation

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Organisational Readiness

Workforce composition

Secure, retain, *integrate* knowledge & skills across:

Conservation biology / Landscape ecology



- Engineering
- Economics
- Town planning
- Citizen engagement
- Risk Management

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Organisational Readiness

Organisational placement

Decision-making process engagement:

- Corporate governance
- Land use planning
- Development / impact assessment
- Land management practices
- Community engagement & participation

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Organisational Readiness

Capability - technology

Invest strategically in:

- Geographic information systems
- High resolution spatial data (1:25000 or better)
- Detailed supporting meta-data
- Data acquisition & maintenance
- Data quality assurance
- Clarity of purpose




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Capability – knowledge network

Key 'nodes' to maintain:

- Contemporary ecological data sets
- 'local' research capacity
- Active 'learning circles'
- Websites, Journals & other publications
- Active data gathering





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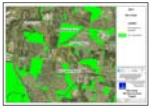

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Capability – survivability

Robust application of science:

- High quality data
- Integrate peer review
- Document process, outputs *and* limitations
- User-orientated outputs
- Outcome-focussed solutions

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Organisational Readiness

Capability – joint operations

Actively invest in:

- Citizen participation
- Citizen Science
- Landscape planning
- Leadership actions






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Organisational Readiness

Capability – resource optimisation

Optimise 'purchasing power' of investments:

- Employ available data & expertise
- Invest to clarify cost/benefit of options
- Embed 'learning-by-doing'
- Share knowledge & learning





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Organisational Readiness

What role for the Ecological Society of Australia?

- Knowledge networks
- Joint operations
- Resource optimisation

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