

# Impact Assessment in the age of extinction....

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# Extinction is forever....but in the last 800 years in New Zealand....

Land and freshwater bird species	32%
Endemic sea bird species	18 %
Frog species	3 out of 7
Invertebrate species (e.g. snails and insects)	At least 12
Fish	1
Bats	1
Reptiles	? 3
Plants	? 11

# “Vanishing Nature” native biodiversity ..

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Threatened plants	289
At risk plants	749
Fish At Risk/Threatened	74%
Birds At Risk/Threatened	40%
Lizards At Risk/Threatened	85%

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# EclA is..

**Ecological Impact Assessment (EclA):** the process of identifying, quantifying and evaluating the potential impacts of defined actions on ecosystems or their components.

If properly implemented it provides a scientifically defensible approach to ecosystem management

(Treweek, 1999).

# Ecologically sound management

- Ecosystems and landscape scale
- Data and information
- Predictive abilities

# Socially acceptable

- Community values
- Personal values
- Decision making
- Politics

# Economically viable

- Innovative approaches
- Community
- Business
- Resource priorities

**MORE JOINED UP THINKING**

**INTEGRATION**

**ECOSYSTEMS APPROACH**

**TALKING**