

What steps have the public and private sectors taken to value, protect and enhance water ecosystem services?

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The SEQ Ecosystem Services Project

Aim:

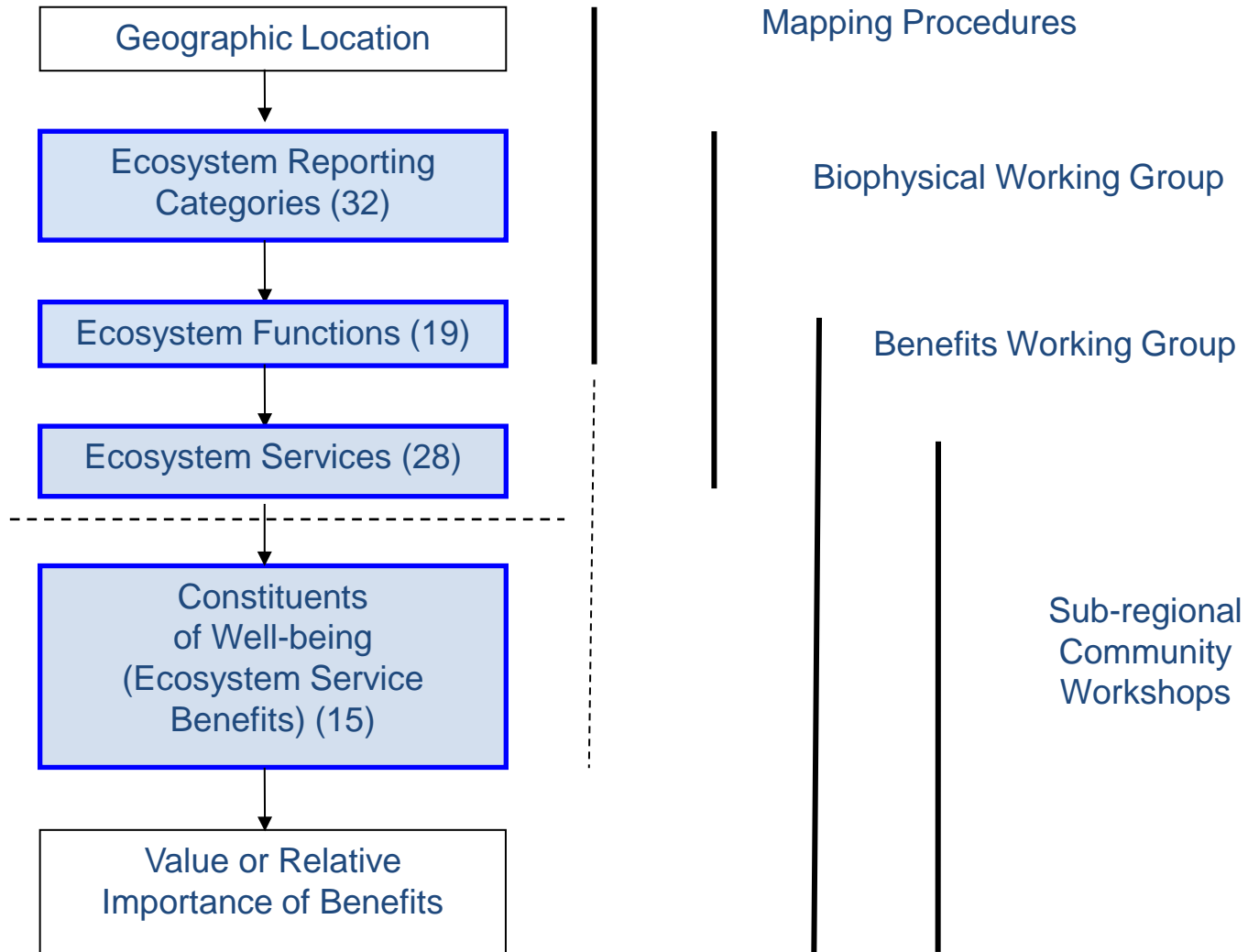
To identify, measure and value the ecosystem services provided by SEQ

the SEQ Ecosystem Services Framework

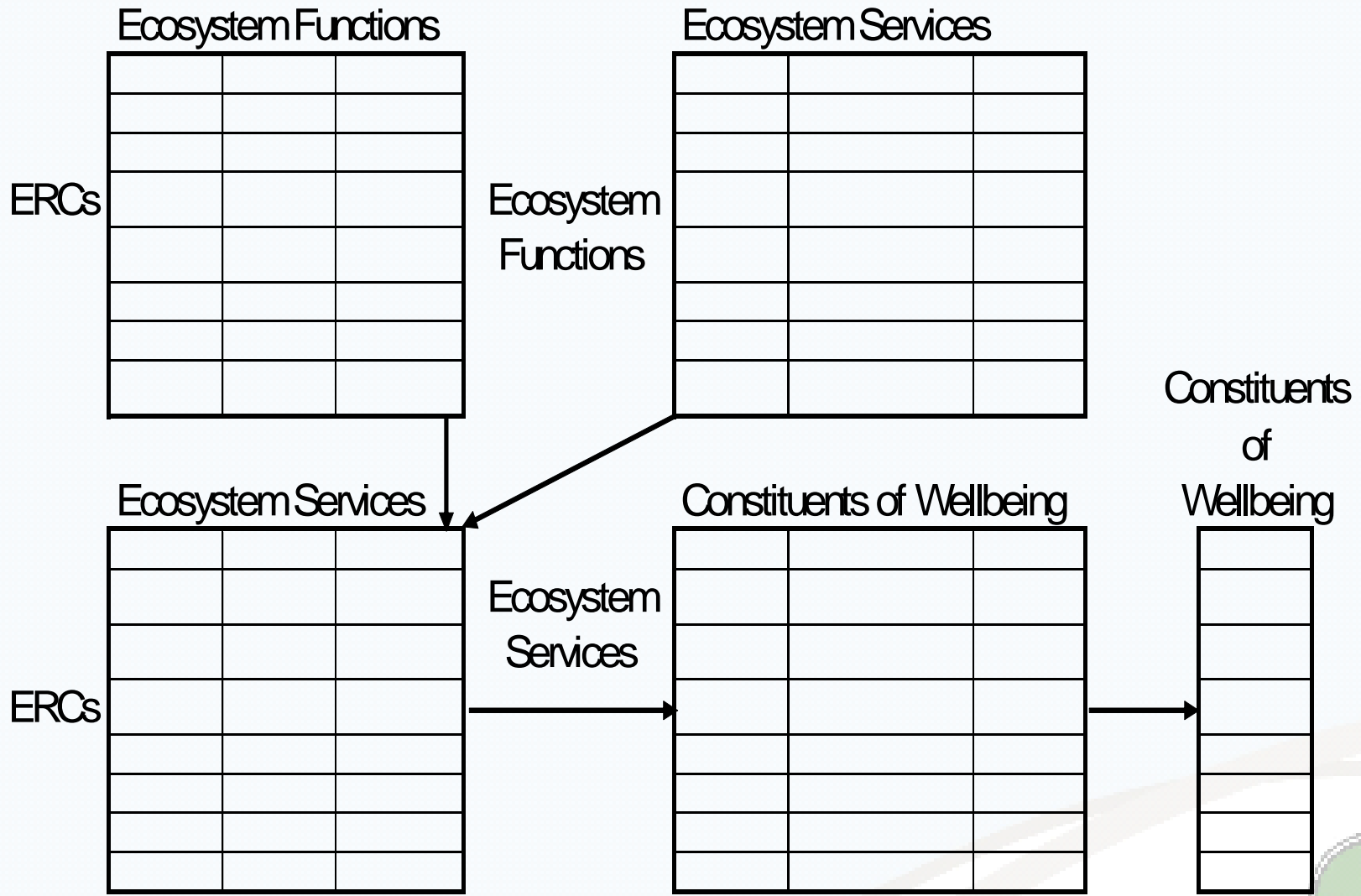
To provide the tools for a consistent approach to assessing ecosystem services in SEQ; and incorporating ecosystem services into natural resource management, planning and policy.



Process Applied and Key Components



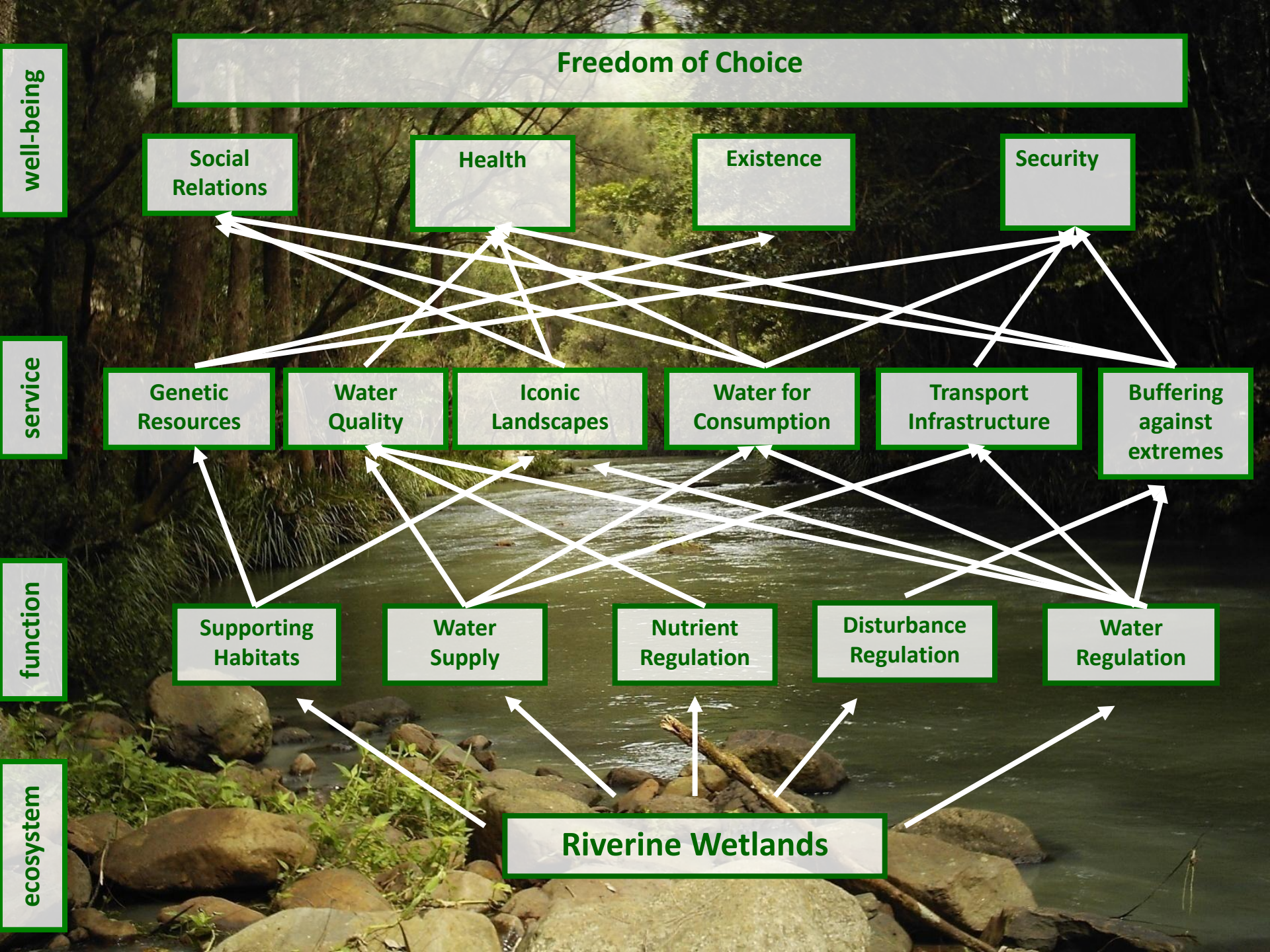
SEQ ECOSYSTEM SERVICES FRAMEWORK



A woman with long brown hair, wearing a green long-sleeved shirt, green cargo pants, and a headband with sunglasses, stands on a rocky ledge overlooking a vast canyon. She is smiling and holding a white banner with the text "Human Well-being". The background shows a clear blue sky and the layered rock formations of a canyon.

Human Well-being

(not necessarily maximise well-being,
but minimise ill-being)



Freedom of Choice

well-being

Social Relations

Health

Existence

Security

service

Genetic Resources

Water Quality

Iconic Landscapes

Water for Consumption

Transport Infrastructure

Buffering against extremes

function

Supporting Habitats

Water Supply

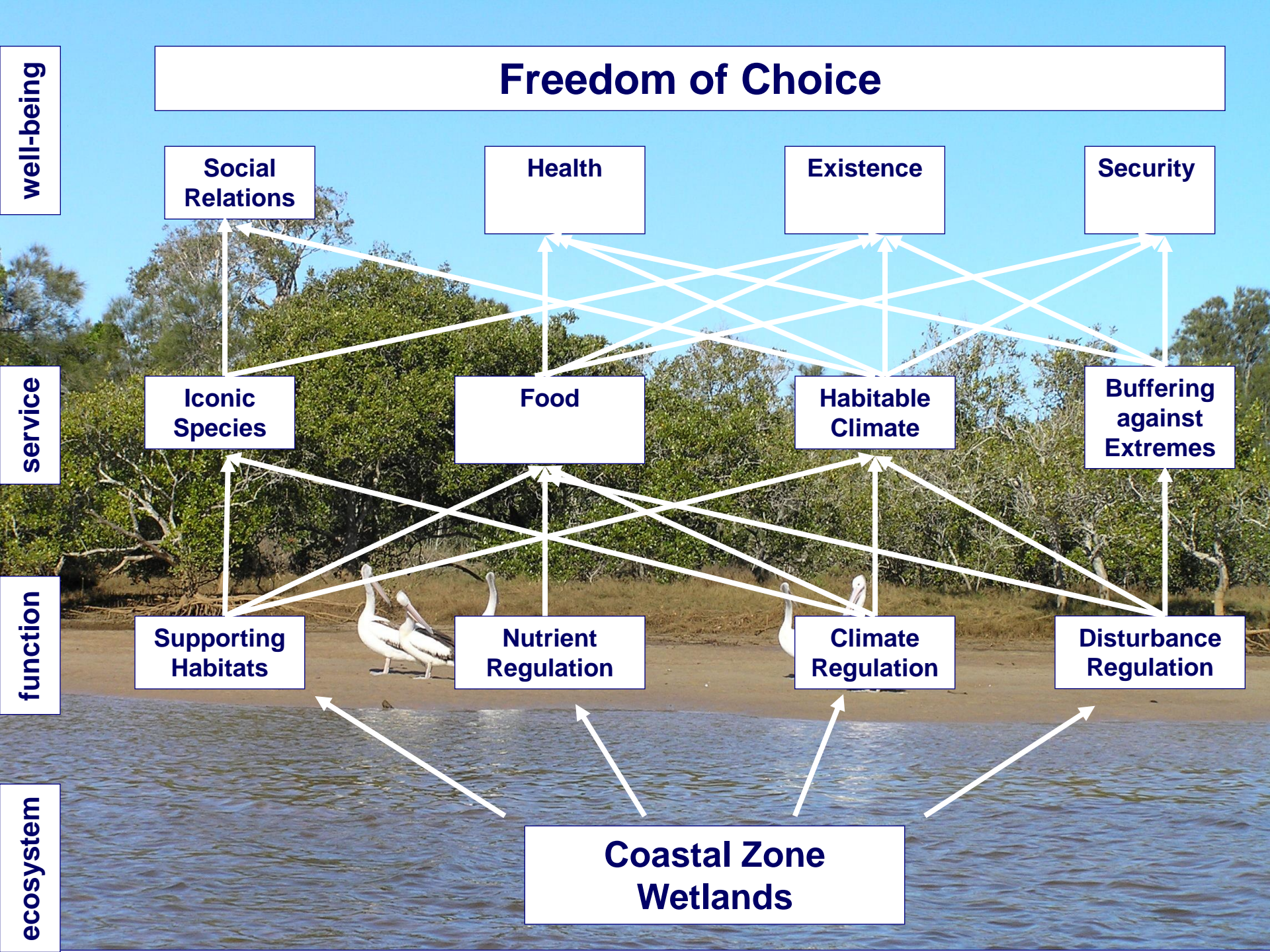
Nutrient Regulation

Disturbance Regulation

Water Regulation

ecosystem

Riverine Wetlands



Freedom of Choice

well-being

Social Relations

Health

Existence

Security

service

Iconic Species

Food

Habitable Climate

Buffering against Extremes

function

Supporting Habitats

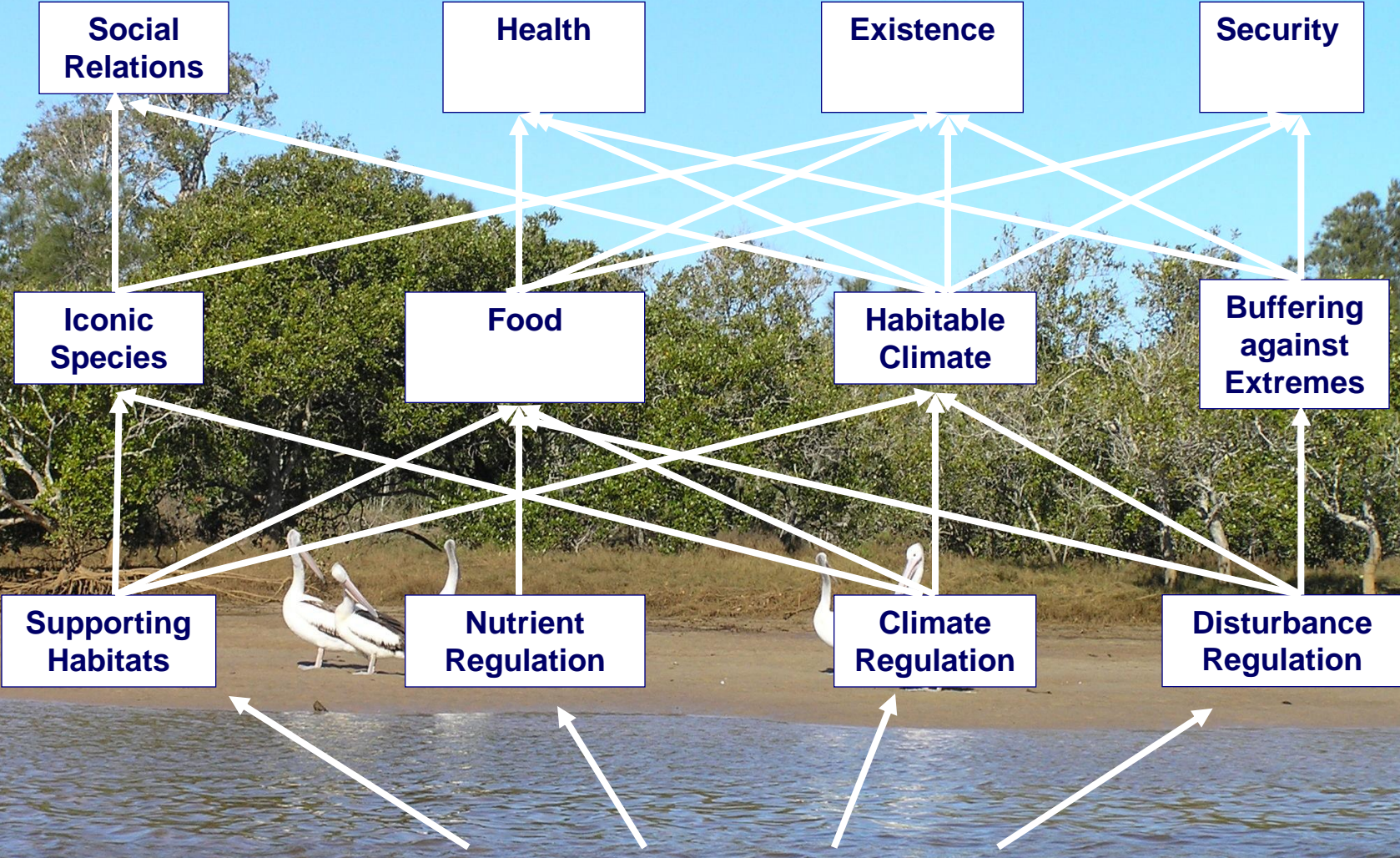
Nutrient Regulation

Climate Regulation

Disturbance Regulation

ecosystem

Coastal Zone Wetlands



SEQ Regional Plan 2009 - 2031

Principle 3.1 Regional Landscape Values

Protect, manage and enhance the multiple values of the regional landscape and optimise the contribution these values make to the region's liveability, health, lifestyle and economy.

Policy 3.1.1

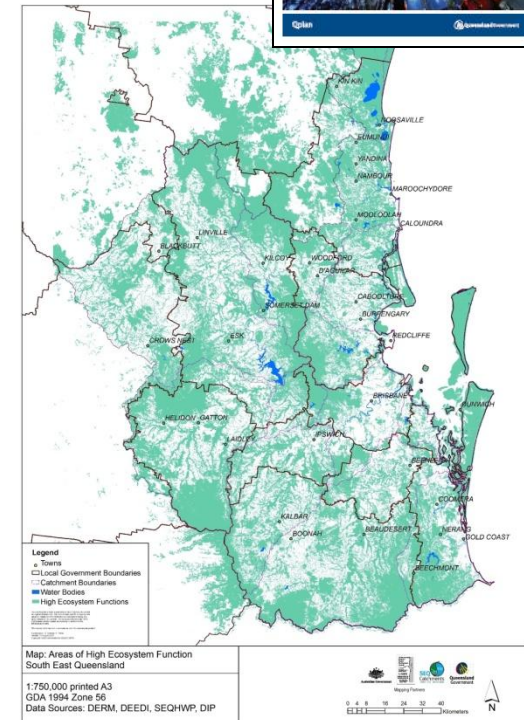
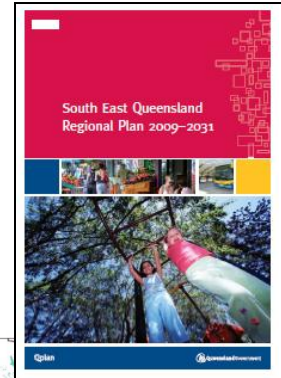
Plan, design and manage development, infrastructure and activities to protect, manage and enhance the regional landscape values.

Principle 4.3 Ecosystem Services

Protect, maintain and enhance the capacity of the region's ecosystems to supply ecosystem services.

Policy 4.3.1

Protect areas supplying high levels of ecosystem services from development impacts.



What general approaches has the public and private sector used to protect or improve ecosystem services, or achieve other goals?

Current Use of the Framework

- SEQ Regional Plan
- NRM Plan - targets
- Local Govt Planning Schemes
- Local Govt Community Plans
- State of Region/State of Environment
- Climate change mitigation sites
- Nature Conservation Strategies
- Water Resource Strategies
- Business Strategies

