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

Geographic Location

Ecosystem Reporting Categories (32)

Ecosystem Functions (19)

Ecosystem Services (28)

Constituents of Well-being (Ecosystem Service Benefits) (15)

Value or Relative Importance of Benefits

Mapping Procedures

Biophysical Working Group

Benefits Working Group

Sub-regional Community Workshops
What are the goals of managing ecosystem services?

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

Coastal Zone Wetlands

Supporting Habitats

Nutrient Regulation

Climate Regulation

Disturbance Regulation

Habitable Climate

Buffering against Extremes

Security

Existence

Health

Social Relations

Iconic Species

Food

Climate

Existing

Health

Social

Relations

Service

well-being

function

ecosystem
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

www.ecosystemservicesseq.com.au