From pressures (and responses) to ecosystems' structures

To explain impacts over ecosystems' structures of pressures (and responses outcomes in terms of improved ecosystems structures)

Impact assessment models, etc.

Ecological processes

Analyse ecological processes with emphasis in the link between biodiversity and ecosystems. Based upon the status of ecosystems' structure

From ecosystem functions to ecosystem services

Assessment of the potential of ecosystems to provide a portfolio of services

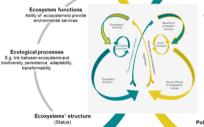
From ecosystem services to ecosystem benefits Assess social (economic and policy) ability to

Human wellbeing

Assess social (economic and policy) ability to put ecosystems services into value for human well-being.

Resource efficiency models, water food energy, climate change integrated models, etc.

Flows of ecosystem services (Supply and use of 55)



(Benefits and their value)

Social processes
Policy making, resource allocation,
institutional set up, governance,
incentives, etc.

Drivers of ecosystems change

Pressures (Over ecosystems structure)

AQUACROSS Models

What links? What models? Examples

Social processes

Assessing the status of the economy, policy making institutions and explain the main outcomes of social processes: drivers and responses.

Economic models: macro and m<mark>i</mark>cro. General Equilibrium, I/O, demand models. Cost benefit analysis. Risk assessment models. Decision support platforms.

From drivers to pressures and responses

To explain how drivers are linked to specific pressures over ecosystems

Demographic models, agronomic models, land use models, agent based models, etc.