

Resources input:
Fishing, wind energy, wave energy harvesting and collecting

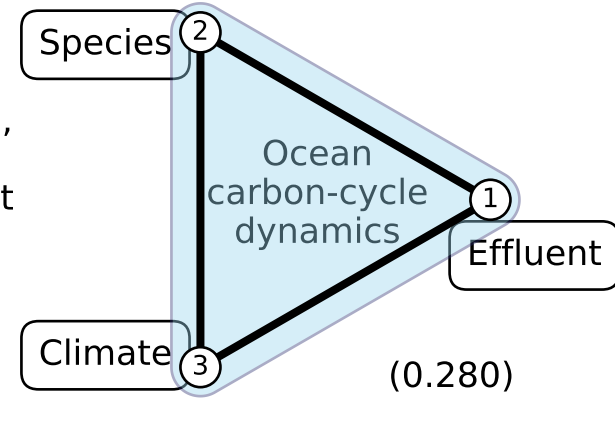
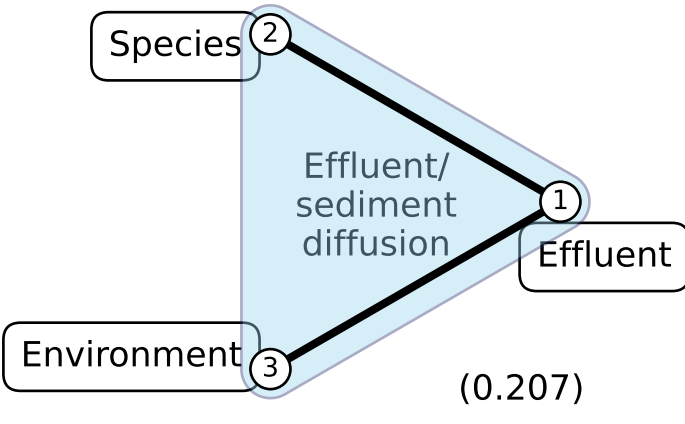
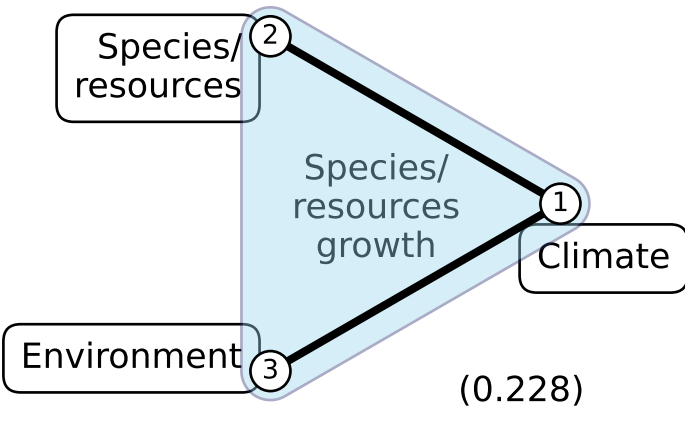
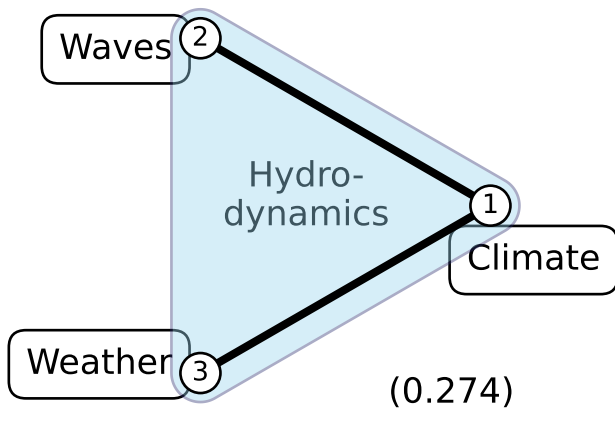
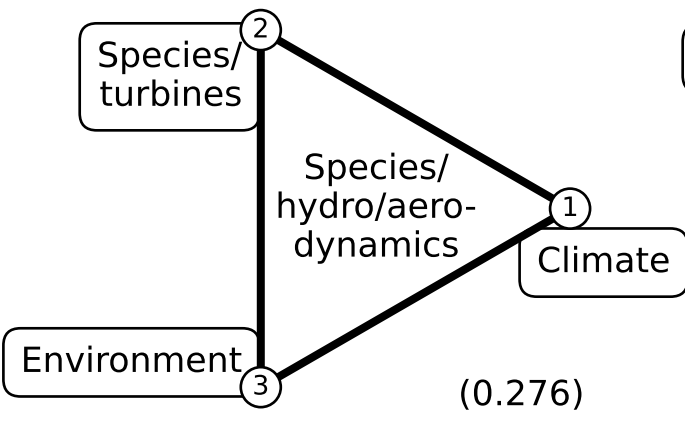
Appropriation and circulation:
Port operations, shipbuilding, freight shipping

Transformation and conservation:
Marine protected areas, coastal infrastructure, aquaculture desalination

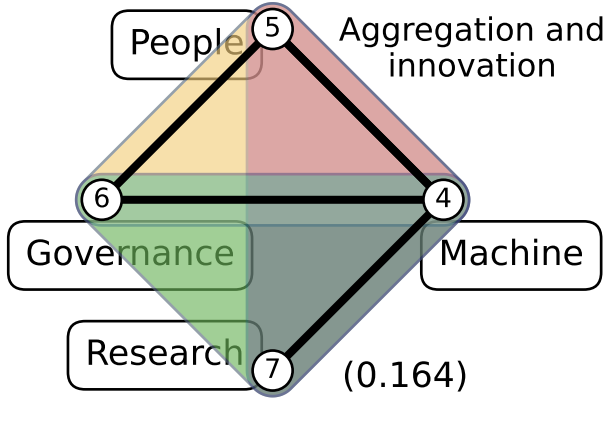
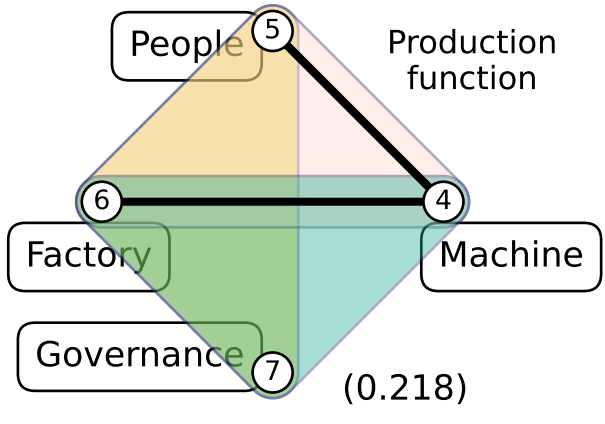
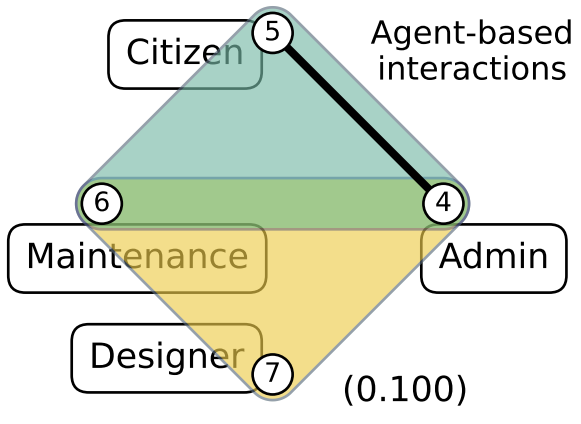
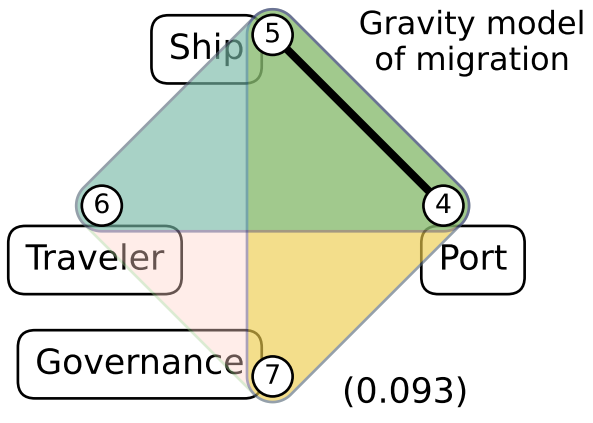
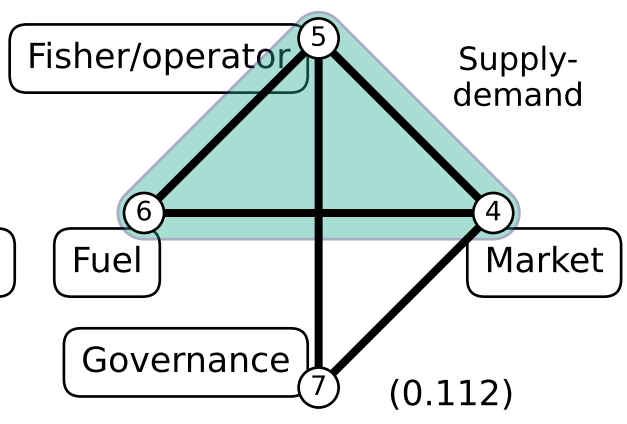
Consumption and excretion:
Ship emissions, hydrocarbon extraction, land reclamation

Wastes output:
Carbon sequestration, land-based effluent, wastewater treatment

Oceanographic process



Social process



Socio-oceanographic process

