Integrated Approaches for SDG 11 Inclusive, Safe, Resilient, and Sustainable Cities:

Small working group session







Case study: Impacts of Tourism in the Cat Ba Biosphere Reserve

Features of Cat Ba Island:

- Abundant marine and land ecosystems
- Animal conservation
- 60% of economic output from tourism industry
- Tourism infrastructures built largely in urban Cat Ba Town



Increasing tourism challenges:

- Illegal exploitation of flora and fauna
- More waste and sewage disposed into sea;
- Poor and unsustainable infrastructures (roads, schools, sewage treatment...)
- Employment opportunities increasing in-migration
- In-migration competition
- Overuse of ground water



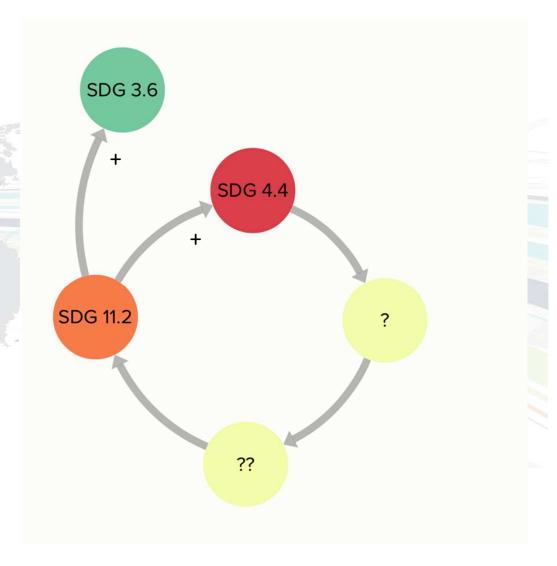






Systems Diagramming Instructions

- Agree on the main SDG target as a starting point
- Identify its immediate 'drivers' (causes) and 'responses' (effects)
- 3. Find the cause/effect links.
 Elaborate out to 2-3 layers
 away from the central
 trend e.g., cause > cause
 > cause > key indicator >
 effect > effect > effect. Also
 try to find where feedback
 pathways (loops) exists.

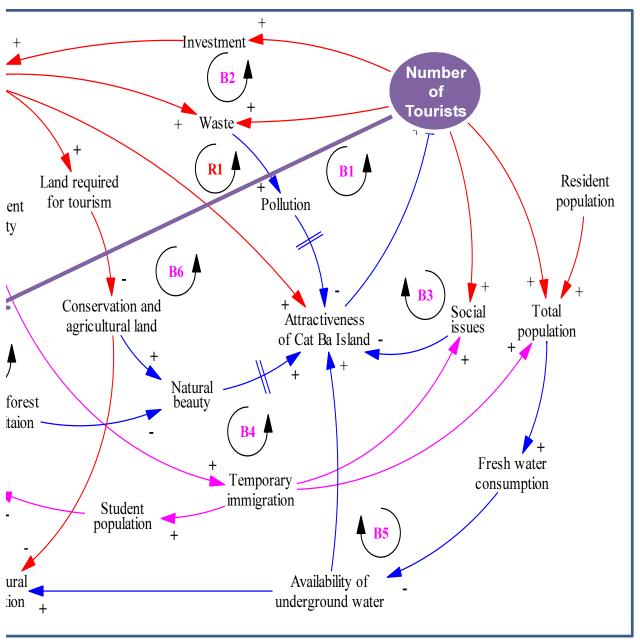








Cat Ba Biosphere Reserve: Systems Mapping





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