



**CUL**

**MET**

**ENV**

**CUL → CUL:**

social networking, individual and social learning, behavioural and value changes, institutional and policy dynamics

**CUL → MET:**

socio-economic governance, demand, value-driven consumption, expressions of culture in required infrastructure

**CUL → ENV:**

environmental governance, nature conservation areas, cultural landscapes, parks, sacred places

**MET → CUL:**

needs, constraints, supply of valued goods, effects of technological innovations, monitoring, observation

**MET → MET:**

interlinkage of systems of infrastructure, supply chains, demographic change, agriculture, material economics

**MET → ENV:**

Greenhouse gas emissions, land-use change, extraction of resources, chemical pollution and waste flows

**ENV → CUL:**

Environmental embedding and foundations of culture, observation, monitoring, cultural ecosystem services

**ENV → MET:**

Climate impacts, resource flows, provisioning and regulating ecosystem services

**ENV → ENV:**

atmosphere-ocean-land couplings, geophysics, biogeochemistry, ecological networks, supporting ecosystem services

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