

Department of Biology

Examination paper for (course code) (course title)

RFEL3082 - Sustainable Management of Ecosystem Services

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Question 1

- a) Present a brief assessment of biodiversity and ecosystem services for a chosen ecosystem focusing on status and trends for biodiversity, ecosystem services, direct and indirect drivers
- b) Give examples on how governance and other indirect drivers could contribute to sustainable development of biodiversity and ecosystem services in the chosen ecosystem.

Question 2

Visions and pathways for sustainable use and conservation of biodiversity and ecosystem services have been addressed by a broad range of actors (international organizations, academic, NGOs etc.). Sustainable Development Goals (SDGs) and Aichi-targets are two key examples of visions addressing sustainability. Can you outline how biodiversity and ecosystem services are dealt with in these visions?

Question 3

“There is a trade-off between managing for biodiversity and ecosystem services on one side and climate change mitigation”. Evaluate this statement and give examples of management actions and habitats where such trade-offs could be relevant.