



Netherlands Environmental Assessment Agency

Comments and recommendations TEEB

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- Good overview of existing models
- Feedbacks in models are needed, but also quick non-linear behaviour (tipping points)
- Addressing and modeling ecosystem services
- Marine
 - Link to drivers
 - Land Ocean interaction
 - *Biophysical*
 - *Economics*

Biodiversity

- Indicators on biodiversity hardly covered in the models
- Ecosystem service indicators depend on biodiversity indicators
 - ‘some services .. are covered ... Others seldom included ...assumed to be correlated to biodiversity indicators.’ (page 10).
- Challenge is to develop indicators that address more aspects of biodiversity
- Challenge to relate these to EGS (biophysical and monetary terms? ...) where necessary and useful
- Fresh water and marine biodiversity need more attention

Recommendations to TEEB

- Be pragmatic
- Try to use two (or more) parallel model suites
 - *GTAP-IMAGE-GLOBIO- ...; EcoOcean ?*
 - *AIM-...-MIMES-... ; Cumulative threat model ??*
 - *Or any other combination*
- Formulate scenarios with focus on biodiversity and EGS implications.
 - Contrasting: intensification and separation vs. Extensification and combination
 - A set of policy options (do's and dont's)