

WP5. Atmospheric forcing (air-sea interaction processes, deposition, transient runs including control and scenarios)

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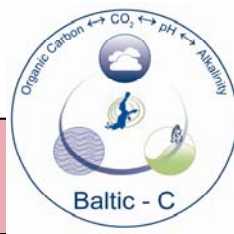
Björn Carlsson (post doc)

Maria Norman (PhD student)



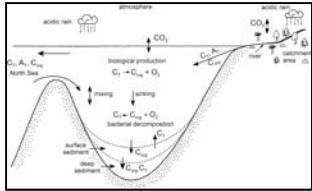
Deliverables, UU

- D26: Acidic depositions for the Baltic Sea drainage basin, month 8. Done, will be presented by Björn.
- D27: Compiled present and future scenario, data + land use data for the Baltic Sea drainage basin, month 12.
 - ✓ Climate scenarios, work in progress.
 - ✓ Land use scenarios, Ben?
- D25: Measurements from the first 12 month of the project from the Östergarnsholm station, month 18. Measurements running.
- D24: Improved parameterisations of the gas exchange transfer velocity, month 18. Work is ongoing.

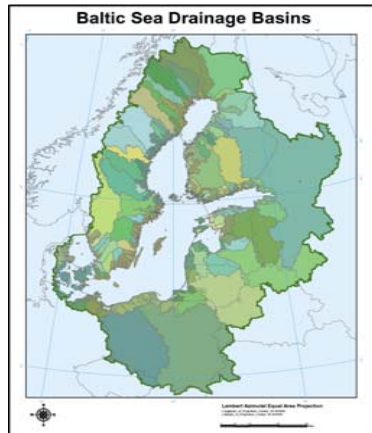


Transient runs including control and scenarios, 1960-2100 from the Rossby Centre, SMHI and projects PRUDENCE and EMSEMBLES

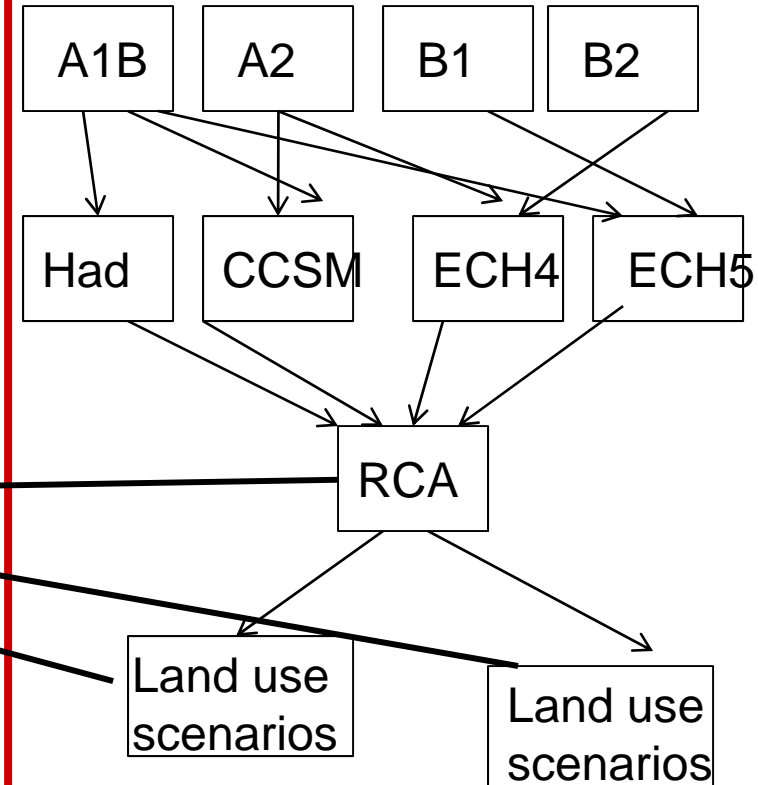
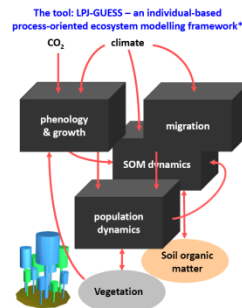
Baltic Sea model



Runoff model



Ecosystem model



Meeting in Norrköping in October arranged by Baltic-C project ECOSUPPORT

Ecosupport: modelling the ecosystem to support decision making (4 transient scenarios: RCAO/GCM)

ECHAM5	A1B 50km run 2 and 3 A2 50km (B1 50 km, A1B 25 km ?)
HADCM3	A1B

Should we be satisfied with the same 4 scenarios.

Note: Cloudiness not very good in scenarios