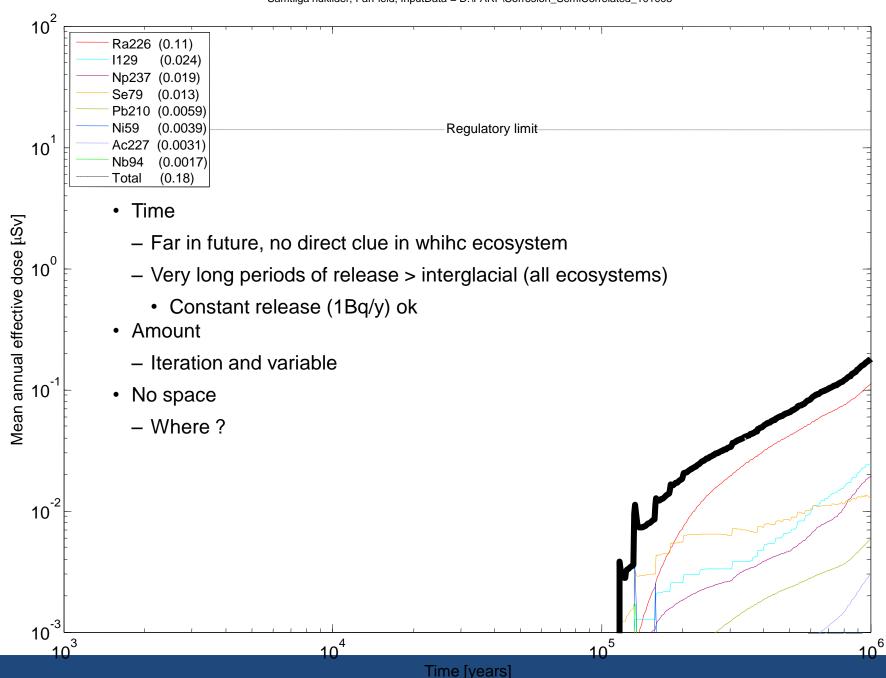


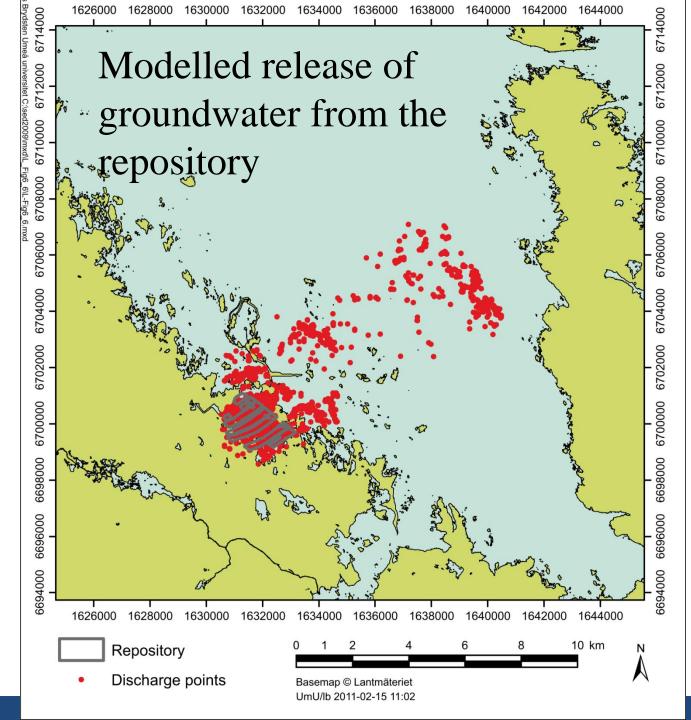
The biosphere in the calculation chain of the assessment of high level waste (Sr-Site)

- Give the dose conversion factor (Sv/Bq) for 40 radionuclides!
 - No time
 - When?
 - No space
 - Where?
 - No amount
 - How much and which radionuclides are most important?

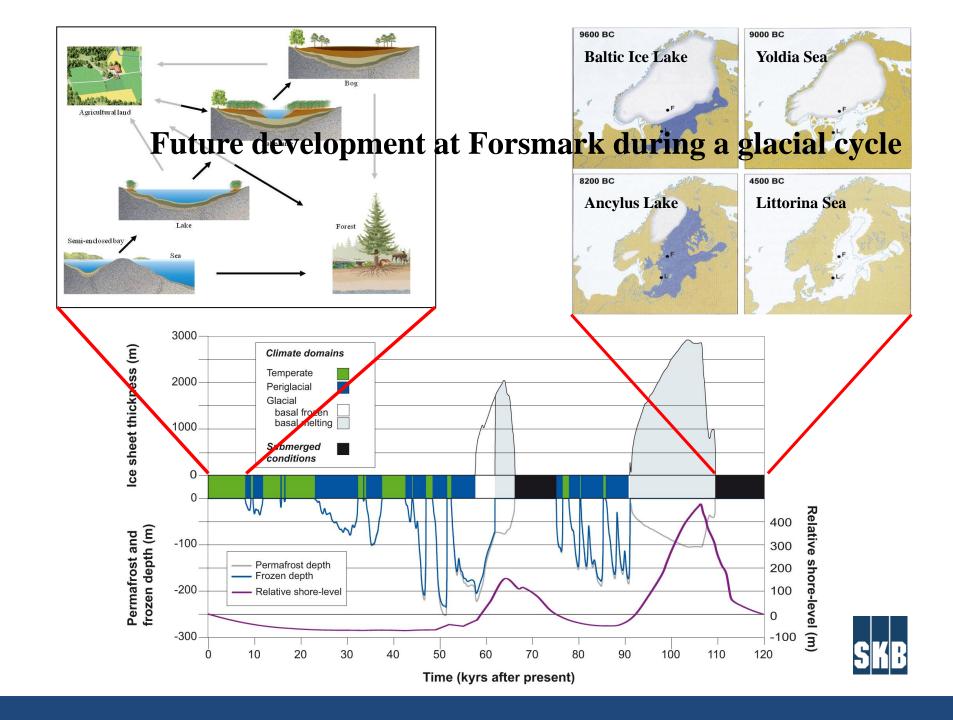




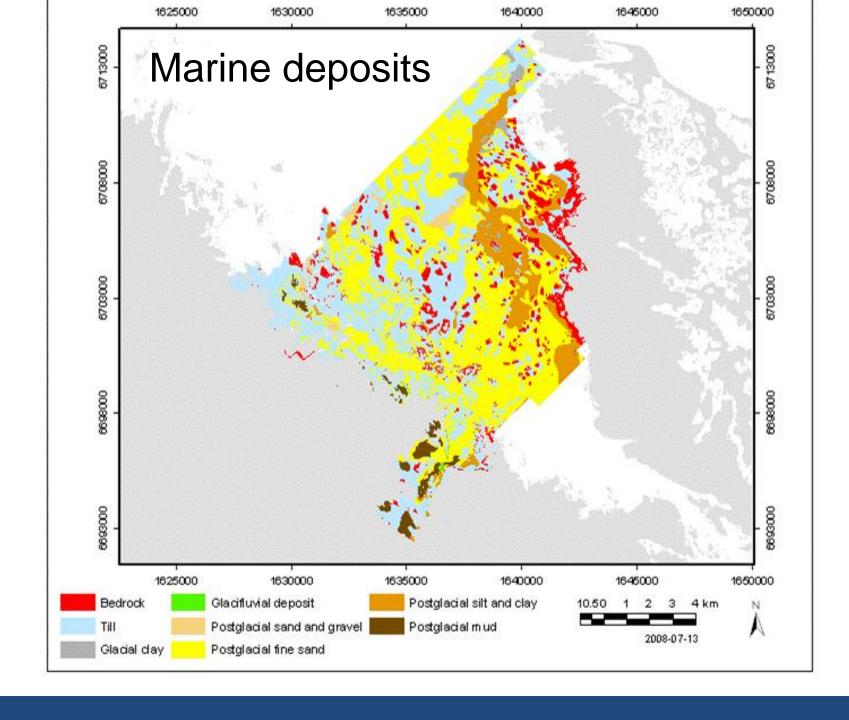


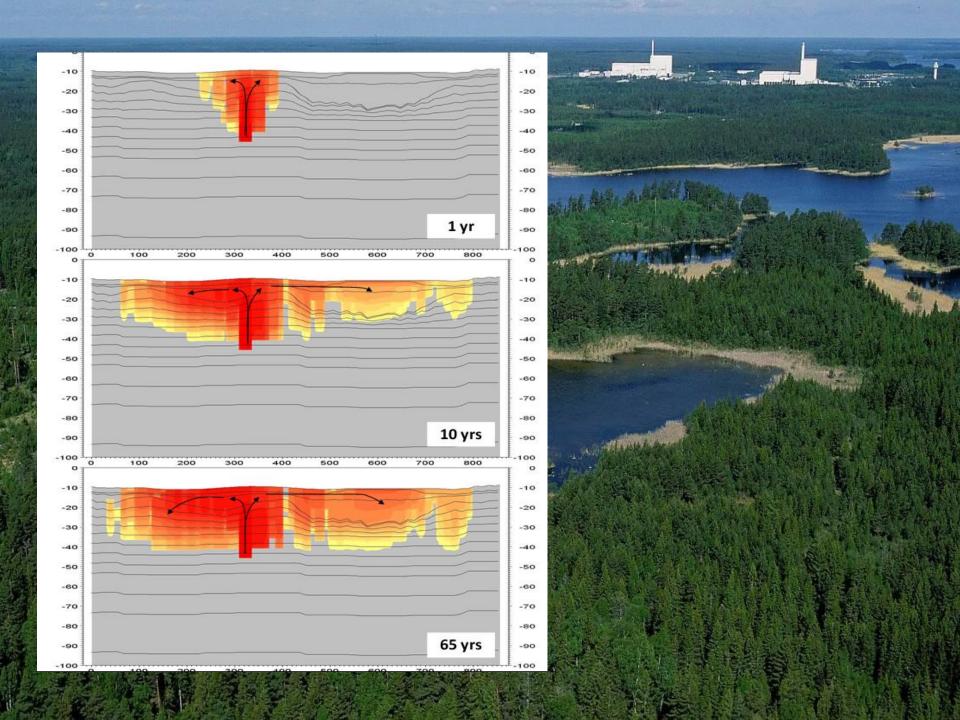




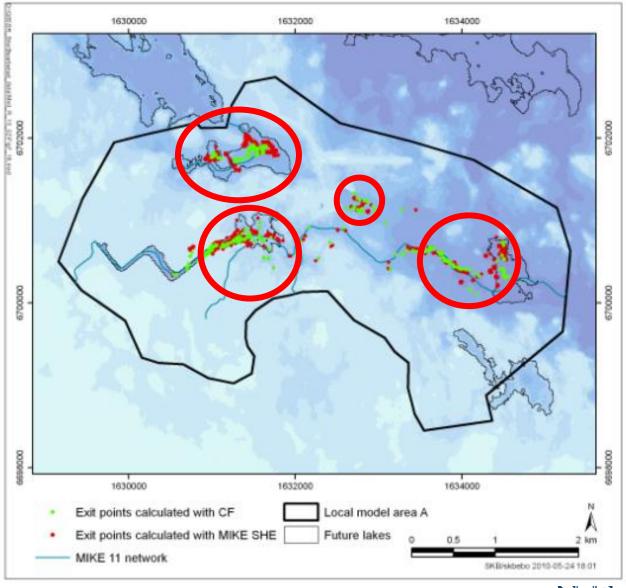






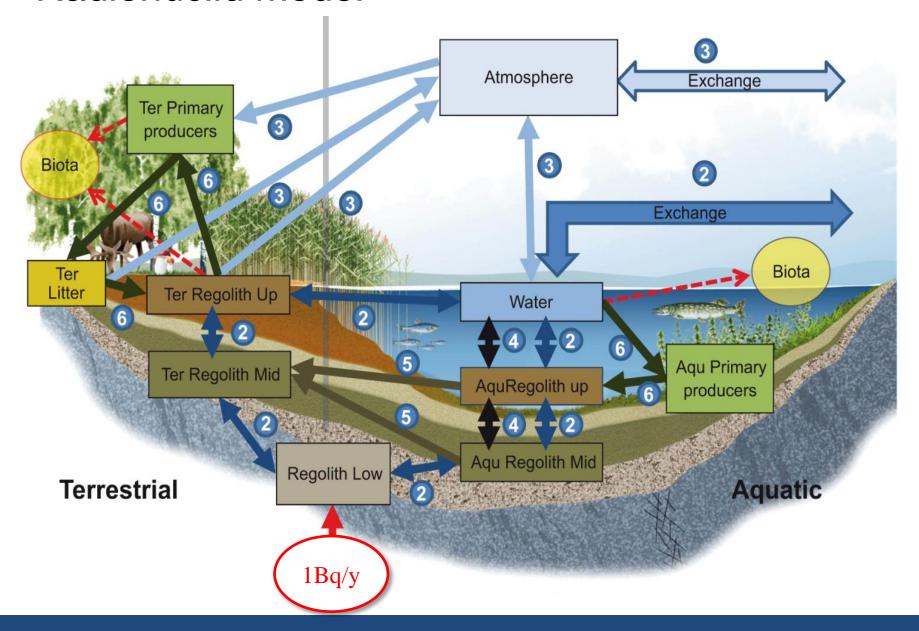


Biosphere object

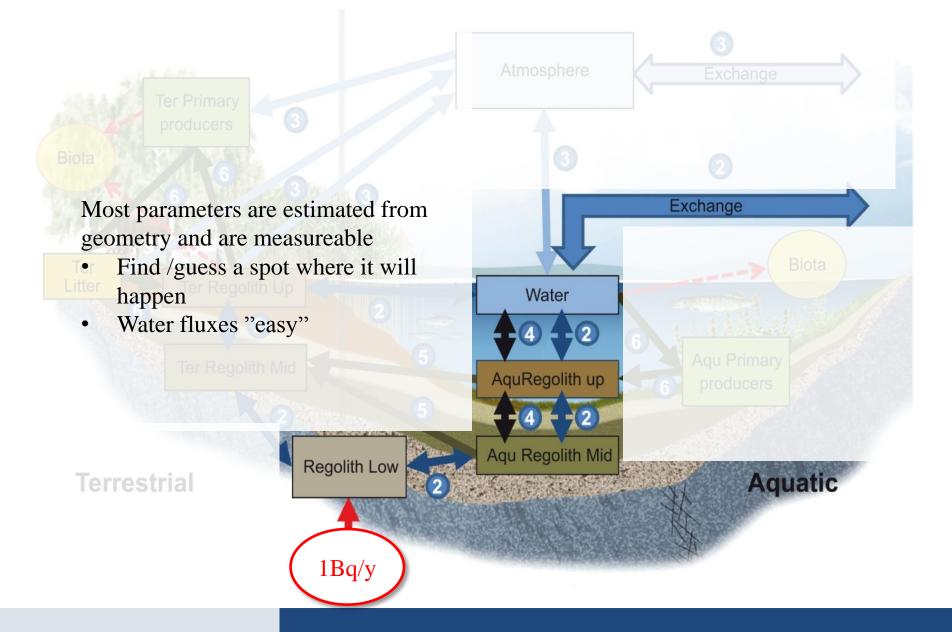




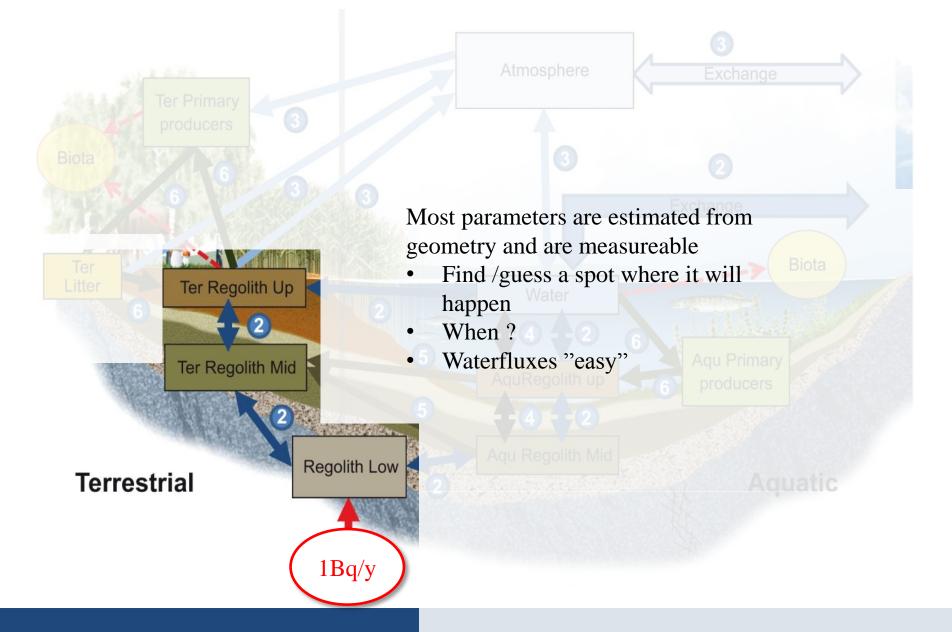
Radionuclid model



Radionuclid model for the assessment



Radionuclid model for the assessment



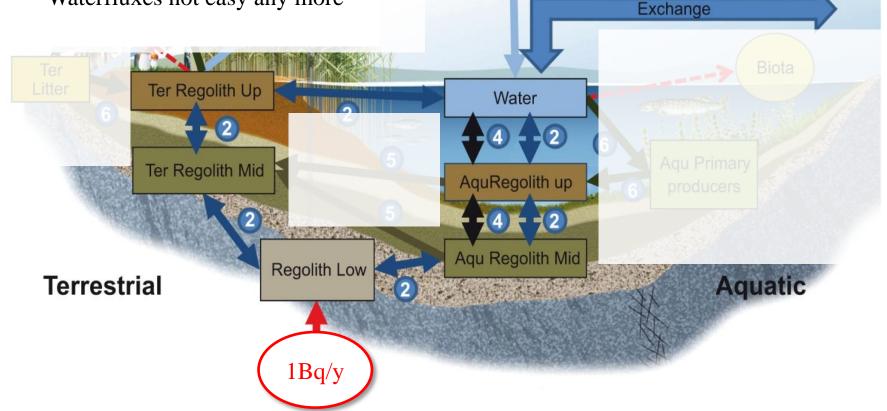
Radionuclid model for the assessment

Most parameters are estimated from geometry and are measureable

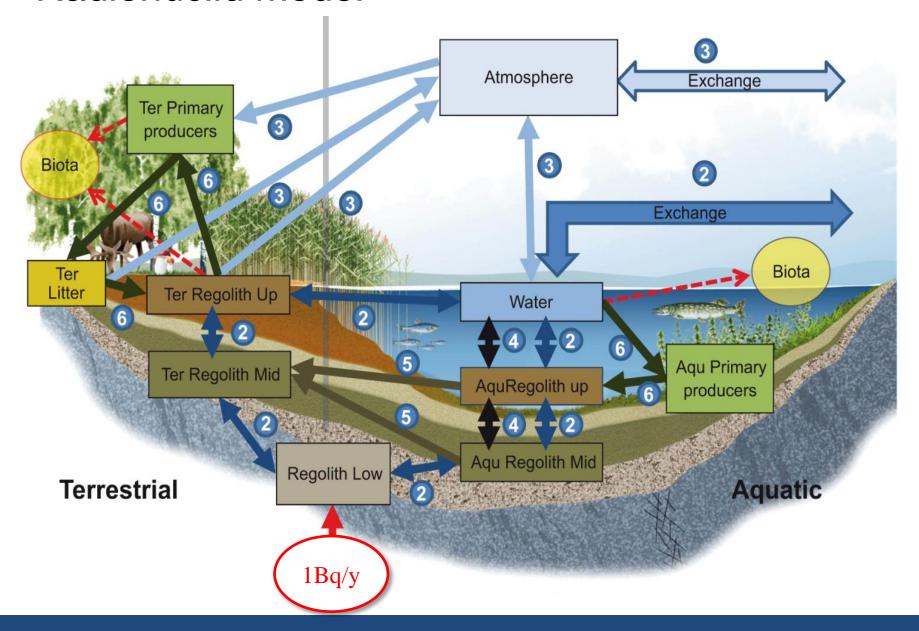
- Find /guess a spot where it will happen
- When?
- Waterfluxes not easy any more

MikeShe gives fluxes

- Find /guess a spot where it will happen
- When?
- Do the job!



Radionuclid model



Maximum LDF

