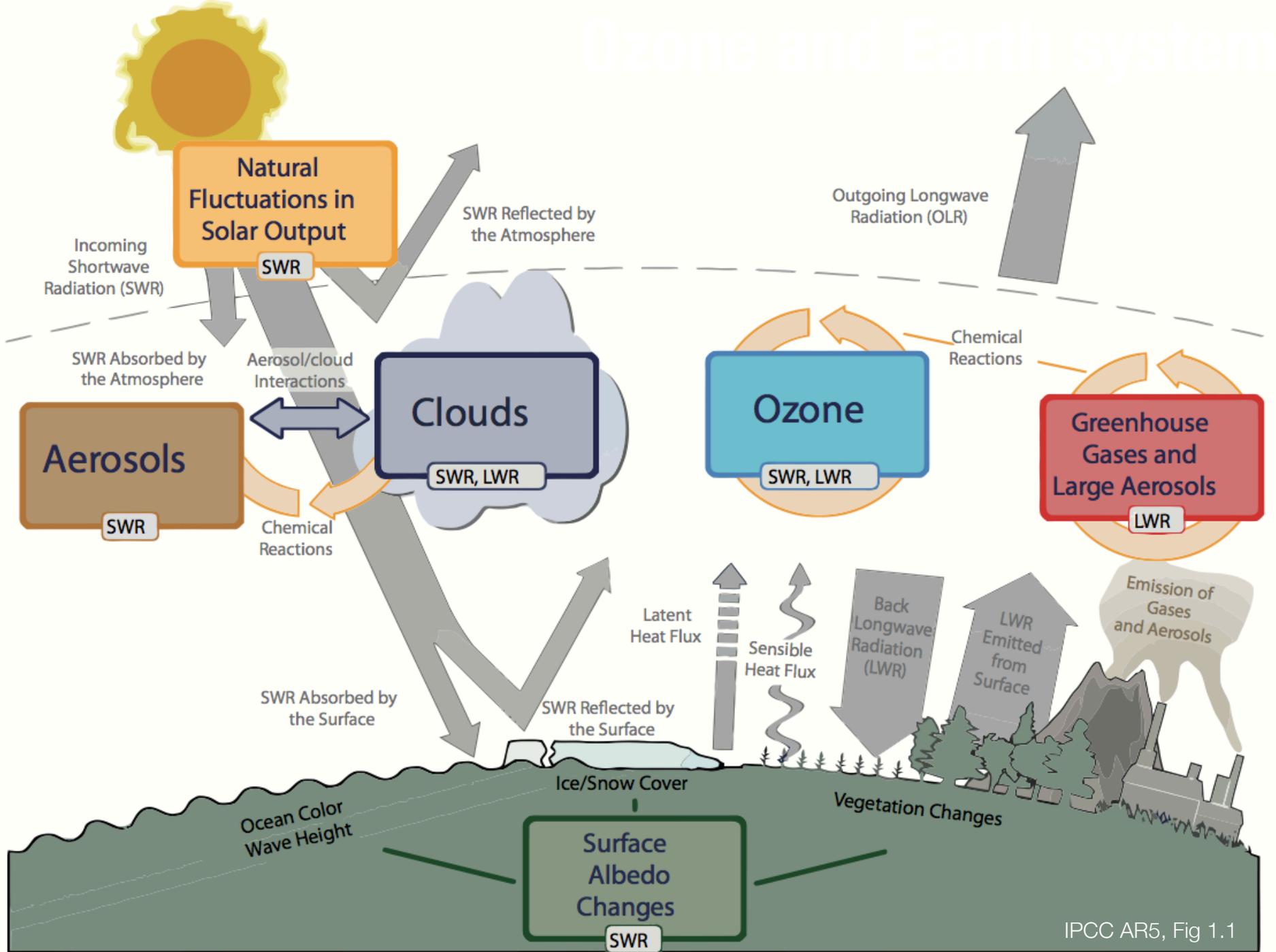


Planning your own simulations

and other things to think about

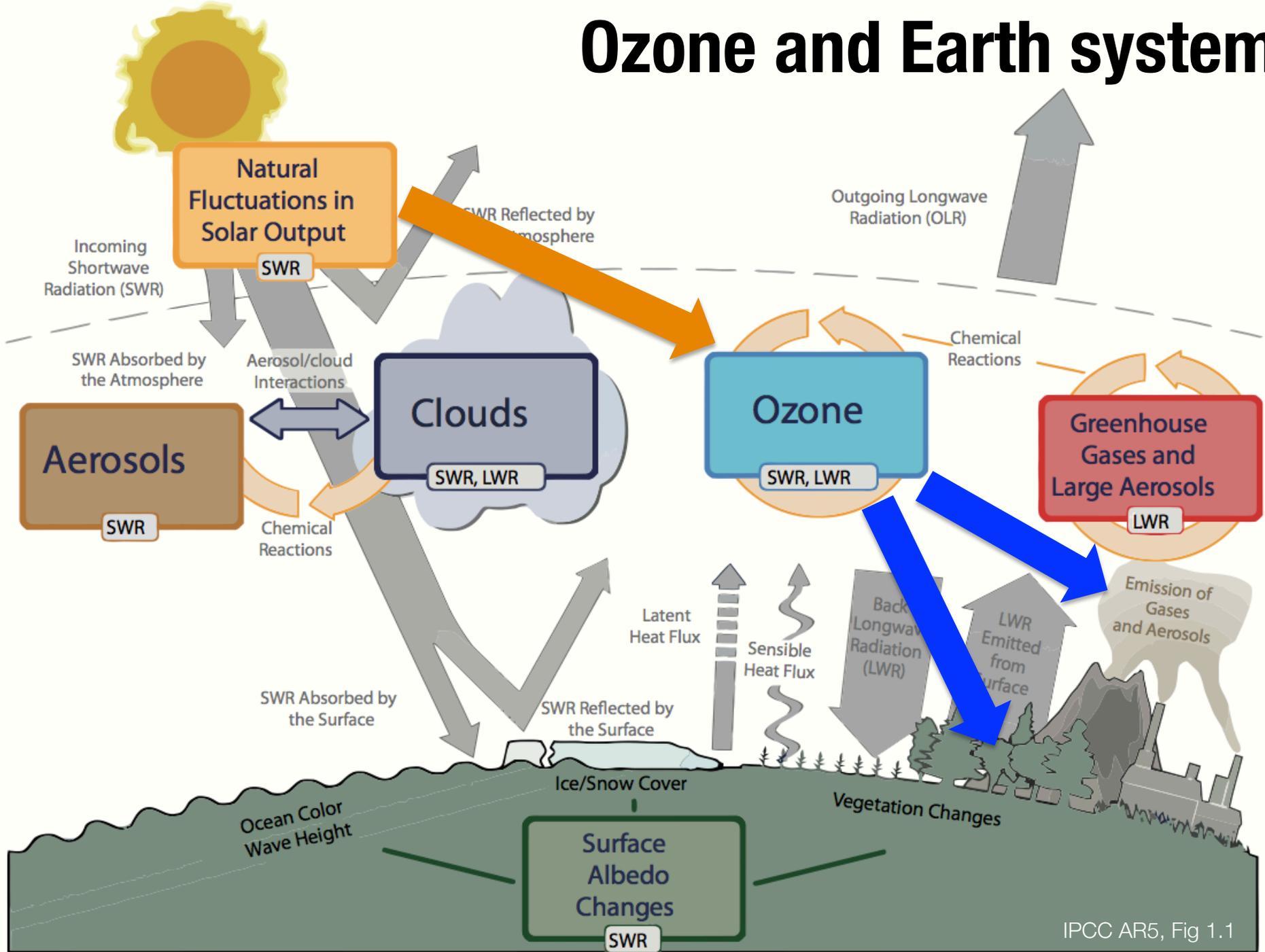
Paul Young

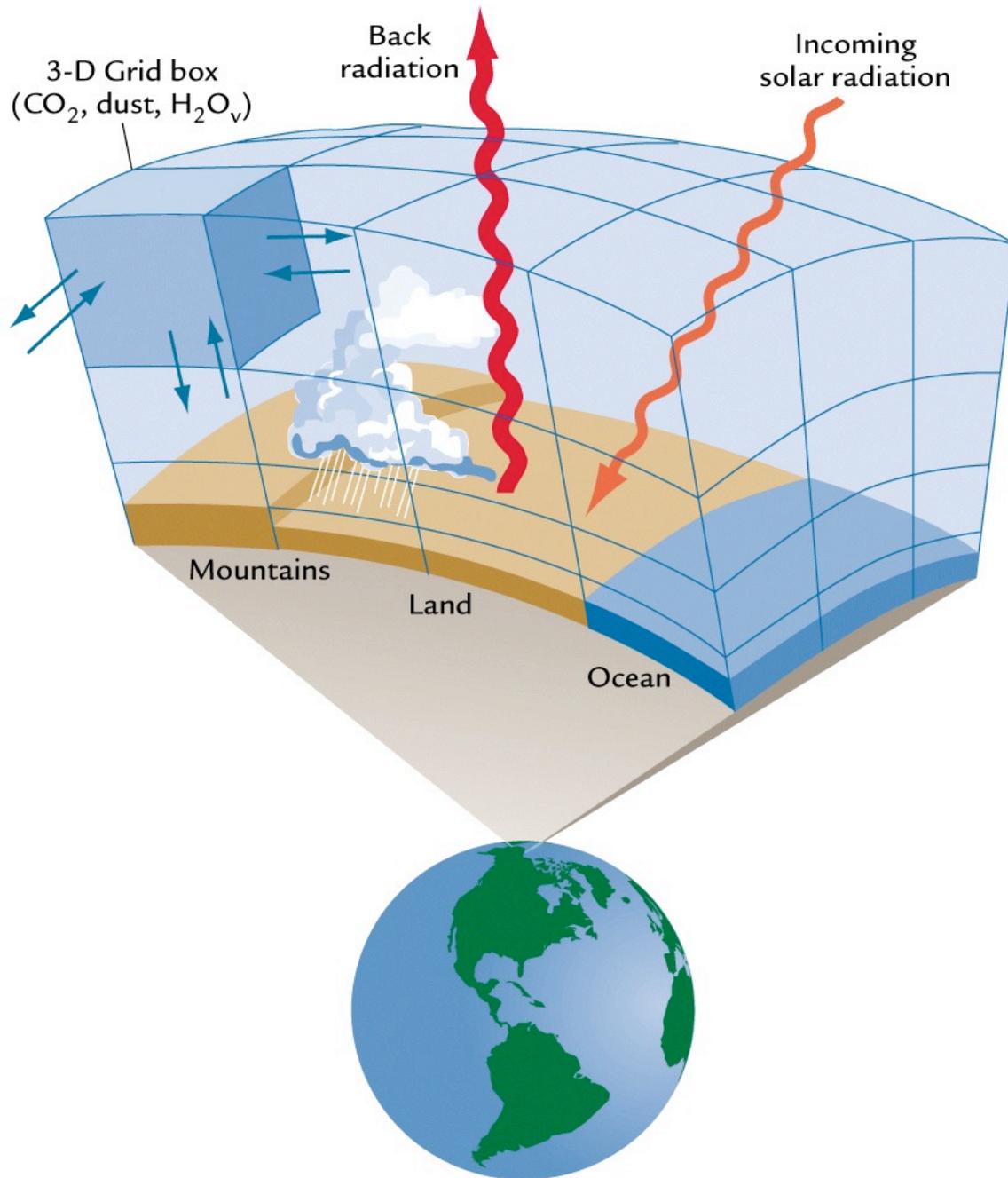
Lancaster Environment Centre



IPCC AR5, Fig 1.1

Ozone and Earth system





Today: What are the chemical/ composition/climate impacts of...

1. ...anthropogenic land use/cover change?
2. ...urbanisation?
3. ...stratospheric ozone recovery?
4. ...biomass burning?

Something things to **think about**...

- Can you **refine the topic** into a question(s)?
- What **Earth system interactions** can you identify?
- What **chemicals** are we interested in?
- What **regions** are we interested in?
- What sort of **simulations** would you plan?
- What **extra data** might you need?
- Who might be **interested** in your results?

Prepare a poster with your plans

- Introduce the problem/question
- Identify your focus/foci
- What simulations would you plan? What about sensitivity studies?
- Any validation you could undertake?
- What extra data might you need?
- Where might there be uncertainties?
- What might you expect the results to show?