Conversation on sensor-to-sensor harmonisation coefficients
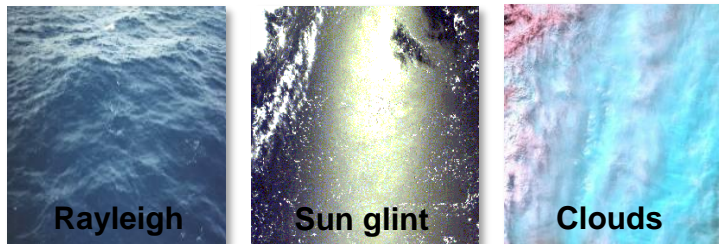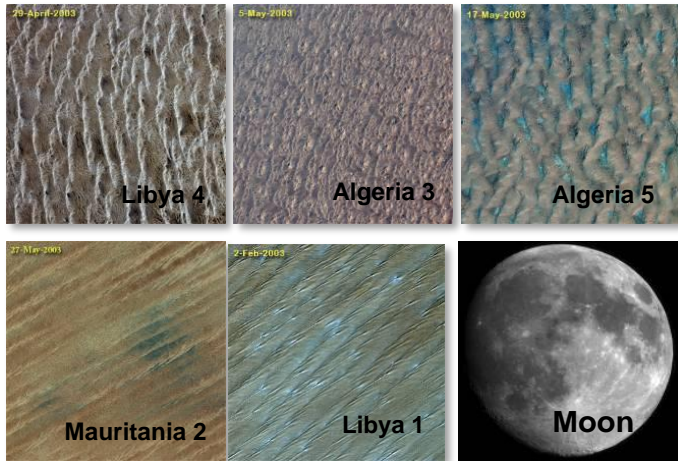
Emma Woolliams
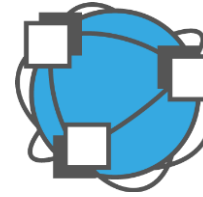
Creating a dialogue

PICS

Libya 4 Algeria 3 Algeria 5

Mauritania 2 Libya 1 Moon
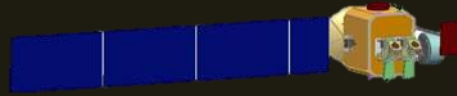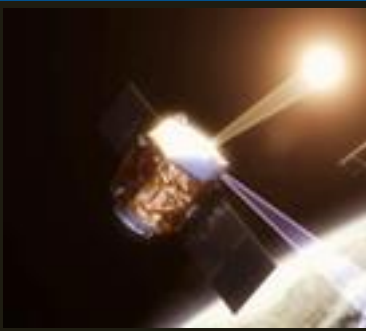
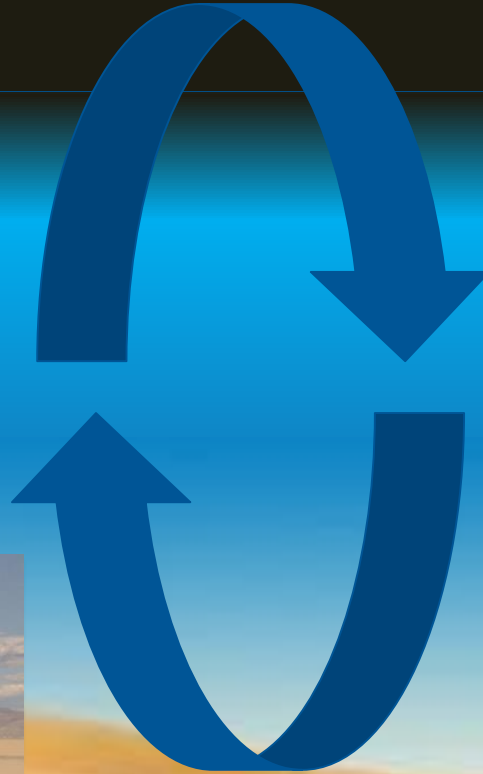RadCalNet

Rayleigh Sun glint Clouds

Natural Phenomena

Asking the questions:

- What are intersensor biases?
- What is long-term stability?
- What is the difference to truth?

TRUTHS and CLARREO

SI

Validated Radiative Transfer Models

Ground instrumentation

SI

Sharing results – comparing results

- Single repository for comparison results?
- What is needed to be stored?
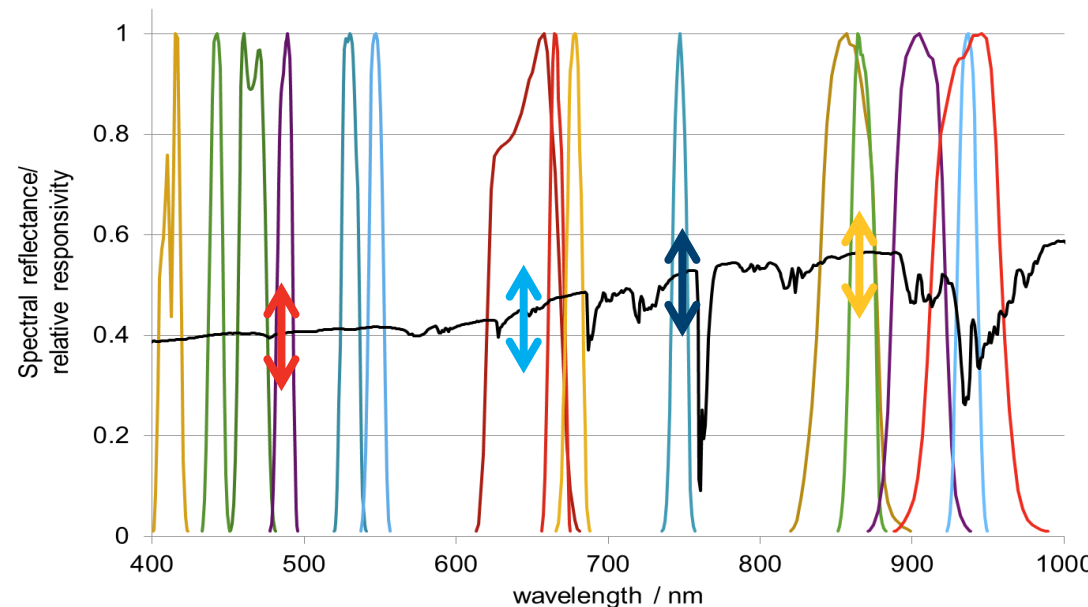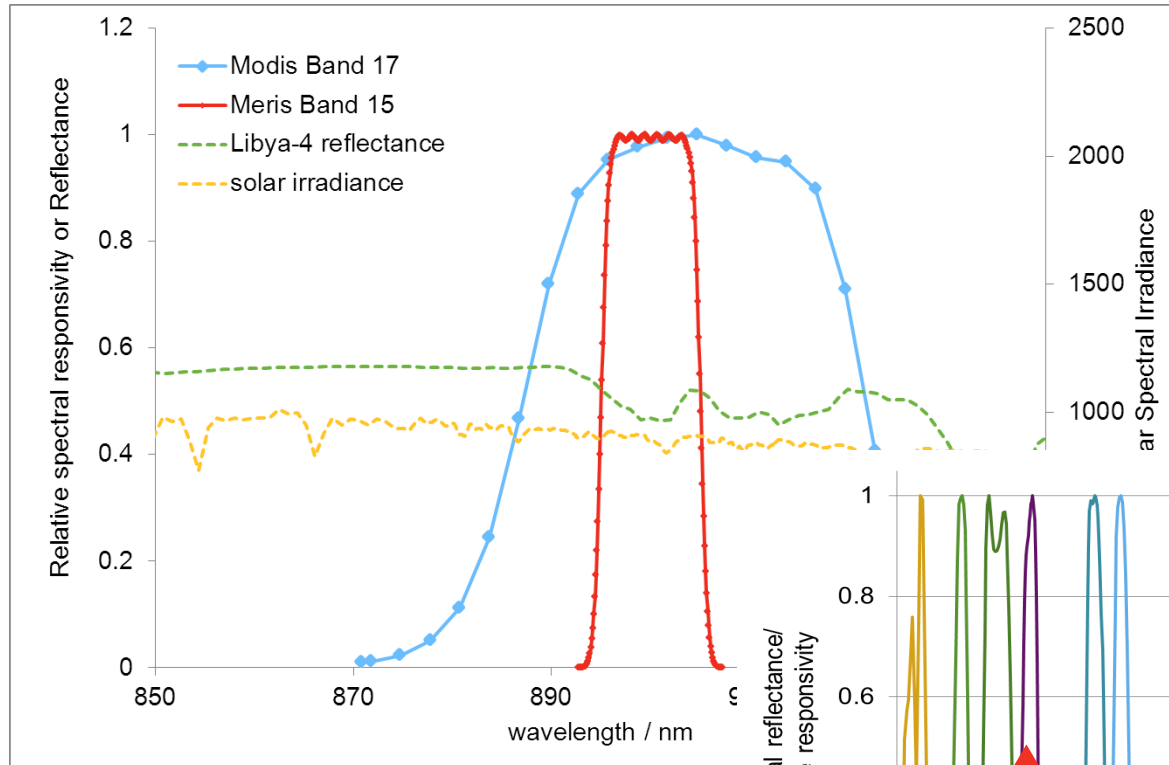 SBAF and other corrections?
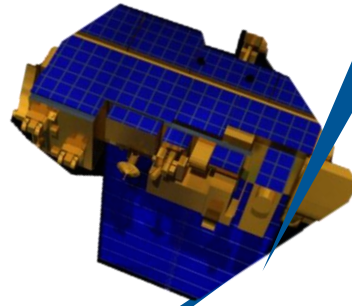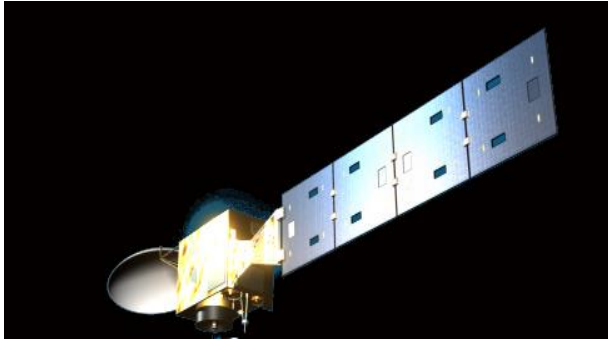 Determined biases?

References

- A "reliable sensor"
- SI?
- A virtual 'average' reference?
- Ground measurements?

SBAFs and reference curves

A to B via C

Transfer of comparisons
"Chains of comparisons"
Combining all available data

Conversation openers

- How/where/in what form should we store comparison results?
- What references make sense?
- What research is needed in ways to interpret comparison results?
- Do we want to do A to B via C comparisons?
- What's the overall aim?