Heinsch et al. IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, VOL. 44, NO. 7, JULY 2006

What arguments do the authors make to justify their work? Why do they think it is important? Do you think it is important? Do they support their arguments?

What is MODIS? What is the difference between MODIS AQUA and MODIS TERRA?
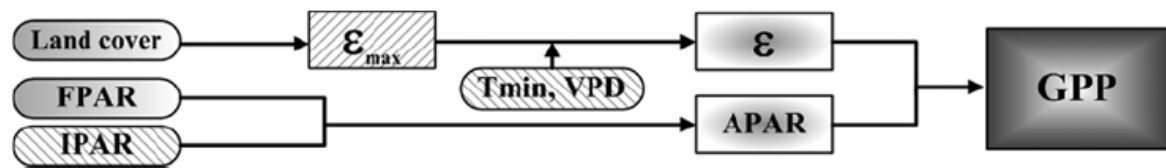
Fig. 2.   Flowchart shows the logic behind the MOD17 algorithm for calculating eight-day GPP.

Can you explain this diagram (google the MOD17 algorithm if you can)?

The authors have a section in their methods on Meteorological Data – what do they use these data for? Where does the data come from?

The authors use data from the AMERIFLUX Network, Why? What measurements do they use from the eddy flux sites?

How was GPP quantified at the Ameriflux sites?

Fluxcourse Basics – Remote Sensing of GPP

What MODIS data was used? What are all these references to Collection 4.5 or Collection 3 etc?

What does fPAR mean? How was it used?

Can you describe how the analyses were carried out? Does anything strike you as strange?

What results to the authors show? Why did they include so many graphs? Why were each of the graphs included?

Can you outline any limitations of this paper (mentioned by the authors or ones that you noticed)? Can these limitations be overcome?

How do the authors support their conclusions? Are there any conclusions that you do not agree with?