

Interactive comment on “Optical sampling of the flux tower footprint” by J. A. Gamon

Anonymous Referee #2

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This is very interesting and useful review of approaches and techniques for remote sensing of vegetation status within the flux tower footprint. Author focused on light use efficiency model and described approaches to measure remotely main items of the model: absorbed radiation (APAR) and light use efficiency. The main focus of review is Photochemical Reflectance Index (PRI) as a measure of light use efficiency and it is really important point for discussion. APAR is a main driver of productivity but much less attention is given to techniques for APAR estimation that is crucially important for LUE models. I do not suggest to go into details but main challenges of accurate estimation of APAR should be mentioned. I suppose, it will make the review more balanced. In spectral dimension section author may consider more specifically what spectral ranges and what spectral resolution are recommended for estimating vegetation biophysical characteristics as he suggested to measure.

I do suggest acceptance of the paper.

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