

Response Letter to the Reviewers' comments

Reviewer 1's comments:

Estimation of solar radiation using Angstrom-Prescott model and interpolation of empirical coefficients in Thailand
Thank you very much for contributing nice and interesting work to SPF-2018. This manuscript is organized and clearly written. I only have a few comments/suggestions as following:

- Solar radiation was studied in this work by defining Angstrom-Prescott model. With comparing with the estimated and observed solar radiation, please the authors should explain and discuss the reasons that “why does the correlation of solar radiation value at Bangkok and Surin station show data with a good relationship (Statistical tests). Some estimated and observed solar radiation data of some stations showed the correlation with a low relationship.

Response to comments

We added the message for explaining why the good relationship at Bangkok and Surin stations as “The observed sunshine hours and solar radiation at Bangkok station has been collected since 1995 so that in this study, it was analyzed for 20 years (1995-2014). Meanwhile the geography and climate of Surin Province has low humidity and low precipitation. Therefore, the sunshine hours and solar radiation data are more precisely assembled than other stations.”

Reviewer 2's comments:

Editor's comments :

- Please submit the pdf file format only.
- Please consider the 4-pages limit (incurred to extra page-charge).
- Please strictly revise the manuscript according to reviewers' comments. This is a MINOR revision required.
- Please double check if the manuscript follows the IOP's Guidelines and Templates. Please USE "JPCSA4Template.docx", READ "JPCSWordTemplateGuidelines.doc", and STRICTLY follow the directions given in "JPCSExampleWordDocument.docx". These files can be downloaded from <https://publishingsupport.iopscience.iop.org/author-guidelines-for-conference-proceedings/>

Response to comments

We changed and double checked follows the IOP's Guidelines and Templates.

Note to the Editor:

We would like to publish this paper with 5 pages for more complete information that we added in this revise manuscript. Therefore, we agree to pay the publication fees of $2,500 + 1 \times 500 = 3,000$ Baht.