

Interactive comment on “Preliminary results from the FARCE 2015 campaign: multidisciplinary study of the forests–gases–aerosols–clouds system on the tropical island of La Réunion” by Valentin Dufлот et al.

Anonymous Referee #2

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The article by Dufлот et al. describes some results from a field campaign conducted on the island of La Réunion. It provides a set of useful information to better understand the interactions in the forest-gases-aerosols-clouds system, and such measurements are needed and potentially important. However, these results are preliminary in this manuscript and will be further discussed in future. The main concern here is that the FARCE campaign is only an exploratory campaign to the other two ongoing/pending campaigns, which makes the importance of publishing the current “preliminary” results questionable as a scientific paper.

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There are also other issues need to be addressed, as listed below:

Page 11, lines 31: Why UTC is used in this section and all the figures, but local time is used in Section 4.4 and after?

Page 15, line 10: The comparison between observation and model simulation does not show a “Remarkably well” agreement in Figure 6.

Page 16, lines 28-31: Case studies are needed to have a solid conclusion here, Figure 11 just contains too many data points. For instance, there are also high HCHO and significant ozone concentrations in the high NO_x region shown in this figure.

Figure 5: Axis labels are missing.

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2019-341>, 2019.

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