Responses to reviewer 4 - Comments and Suggestions

Comment 1 - In subsection 3.1, the specific process of each stage of the study is described in detail for the reader's understanding; the five steps can be visualized by drawing pictures.

Response 1 – Thank you for your comment. We agree with the observations and divided them into five new subsections according to the detailed steps between methods and results.

Comment 2 - In subsection 3.1, a brief explanation of the choice of ranges for the variables time and temperature for Phase V should be given.

Response 2 - We agree with the observations and proceed with the study details, which can be seen in the text between lines 408 and 418.

Comment 3 - In subsection 4, in line 300, the number 4 in question four should be changed to IV, corresponding to the other questions.

Response 3 - We agree with the observations and rewrote this stage of the result as an essay covering the questions and answers, presented in lines 560 and 561.

Comment 4 - In Figure 7 of subsection 4 experts validated this application in the CEAGESP site can add validation results to confirm the usability of this procedure.

Response 4 - We agree with the observations and inserted the text between lines 539 to 565.

Comment 5 - Whether images and captions should be centred in the paper.

Response 5 - We agree with the observations and check the template provided by the journal. The images must be aligned to the left of the beginning of the paragraph when their width is smaller than the total width of the text.