

Message to the Editor:

Thank you for your editorial message. I am glad to know that the paper is going to be published after minor revision.

I have performed relatively substantial modifications in respect that only minor revision is requested. Please see my specific modifications listed in my Reply to the Referee appended below.

I am assuming that the revision would be satisfactory.

Reply to the Referee:

Section 7, last three paragraphs:

The most classical example as a choice of convective types would be the one based on the fractional entrainment rate originally proposed by Arakawa and Schubert (1974). This is mentioned in the revised text.

Furthermore, these three paragraphs are extensively modified under this revision so that the readability must have been substantially enhanced. Especially, the original third paragraph from the last is extensively expanded and separated into two paragraphs.

Abstract:

The last sentence of the Abstract is expanded as “Some historical lessons are suggested, especially under a light of the current trend of more emphasizing the bubble dynamics as elucidated by high-resolution numerical modeling and laboratory experiments.”