Dear Dr. Kieu

We would like to thank you for the opportunity to revise and resubmit our manuscript titled as "Forecasting tropical cyclone tracks in the Northwest Pacific based on a deep-learning model". It is a great honor to have your recognition of this work. We found the reviewers' comments to help revise the manuscript and have carefully considered the suggestions.

We also included a response in which we addressed comments the editor made in the following (in blue after the corresponding comments). We hope that these modifications can fulfill the requirements to make the manuscript acceptable for publication. I confirm that all authors listed on the manuscript concur with the submission in its revised form. Should you have any remaining questions, I will be happy to address them.

**Editor comments:**
**Dear Dr. Wang,**

**Thank you for your revision. Based on the Reviewers' comments, I agree that your manuscript is close to final acceptance. Please consider further correcting the Figure 2 caption and legend for clarity as suggested by Reviewer 2. We look forward to receiving your final revision and thank you again for submitting your work to GMD.**

**With Regards,**
**Chanh Kieu, topical editor.**
Reply: We improved the figure presentation for clarity and ensured that the caption in the figure is consistent with the text. The specific additions and modifications are as follows:
(1)  "Timedistributed" in the figure was changed to "TimeDistributed".
(2)  The legend of "Dense" was modified to an arrow filled with slashes, and Lines 243-244 in the manuscript were modified accordingly.
(3)  To better help describe the processes and understand the structure of the model, we added a 2D tensor input, a 3D tensor input, and a 1D vector in the legend, accordingly, some adjustments were made in the manuscript.
     Lines 237-238: "that is, the area of the light gray shaded region in Fig. 2 represents 3D tensor input layers of the CNN model " was added.
     Lines 246-247: "The area of the dark gray shaded region Fig. 2 is the two-dimensional trajectory data of the TCs (2D tensor input layer) " was added.
     Line 242: "(1D vector)" was added.

Thank you again for your consideration of the revised manuscript.

Sincerely,

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