

Dear Dr. Derksen

We would like to submit our revised manuscript entitled “Changes in the annual sea ice freeze-thaw cycle in the Arctic Ocean from 2001 to 2018” [tc-2022-137], which we submitted to the Cryosphere. Thank you for your comments. We completed all the editorial corrections as your suggestions.

Thank you for your time.

Sincerely,

Ruibo Lei, and other co-authors