We modified the code availability section and clarified the link for the registration and software license form, lines 962-970 as follows:

"Code availability

The modified version of JULES vn5_5 and the P extension developed for this paper are freely available on Met Office Science Repository Service: https://code.metoffice.gov.uk/svn/jules/main/branches/dev/mahdinakhavali/vn5.5_JULES_PM_NAKHAVALI/ after registration (http://jules-lsm.github.io/access_req/JULES_access.html) and completion of software license form. Codes for compiling model available at: (https://doi.org/10.5281/zenodo.5711160). Simulations were conducted using two sets of model configurations (namelists): ambient CO2 condition (https://doi.org/10.5281/zenodo.5711144) and elevated CO2 condition (https://doi.org/10.5281/zenodo.5711150)"