Response to Comments by Referee 2 (in bold)

We appreciate the positive comments about the paper.

Response to Specific Comments

Line 34: Suggest including "and space weather" after "geophysics".

Suggested text added.

Page 3, line 1: Perhaps "relate" should be "relates".

Change made.

Page 4 and throughout: In some instances, the matrix notation is inline (e.g., $[I]$ in line 97) and other times it is raised/split above/between lines (e.g., $[I]$ in line 106). Perhaps a consistent notation should be used throughout.

The raised notation was a mistake. This has been corrected.

Line 154: Appears to use different font for equation 22 (compare with equation 16 for example).

The font for the equations has been standardised.

Line 282: Remove space before comma and end of line.

Done.

Lines 337-338: "The research that led to these results was in part carried out using funds from "la Caixa" Foundation. Natural Resources Canada contribution number 20210276", seems to require a comma separating the sentences?

Text has been re-arranged.

Table 5: Formatting of "To/From Bus" column headings perhaps needs adjusting.

Done.

Tables 8: Formatting of last 3 column headings perhaps needs adjusting.

Done.