Supplemental figures for "An Improved Representation of Aerosol Mixing State for Air-Quality-Weather Interactions"

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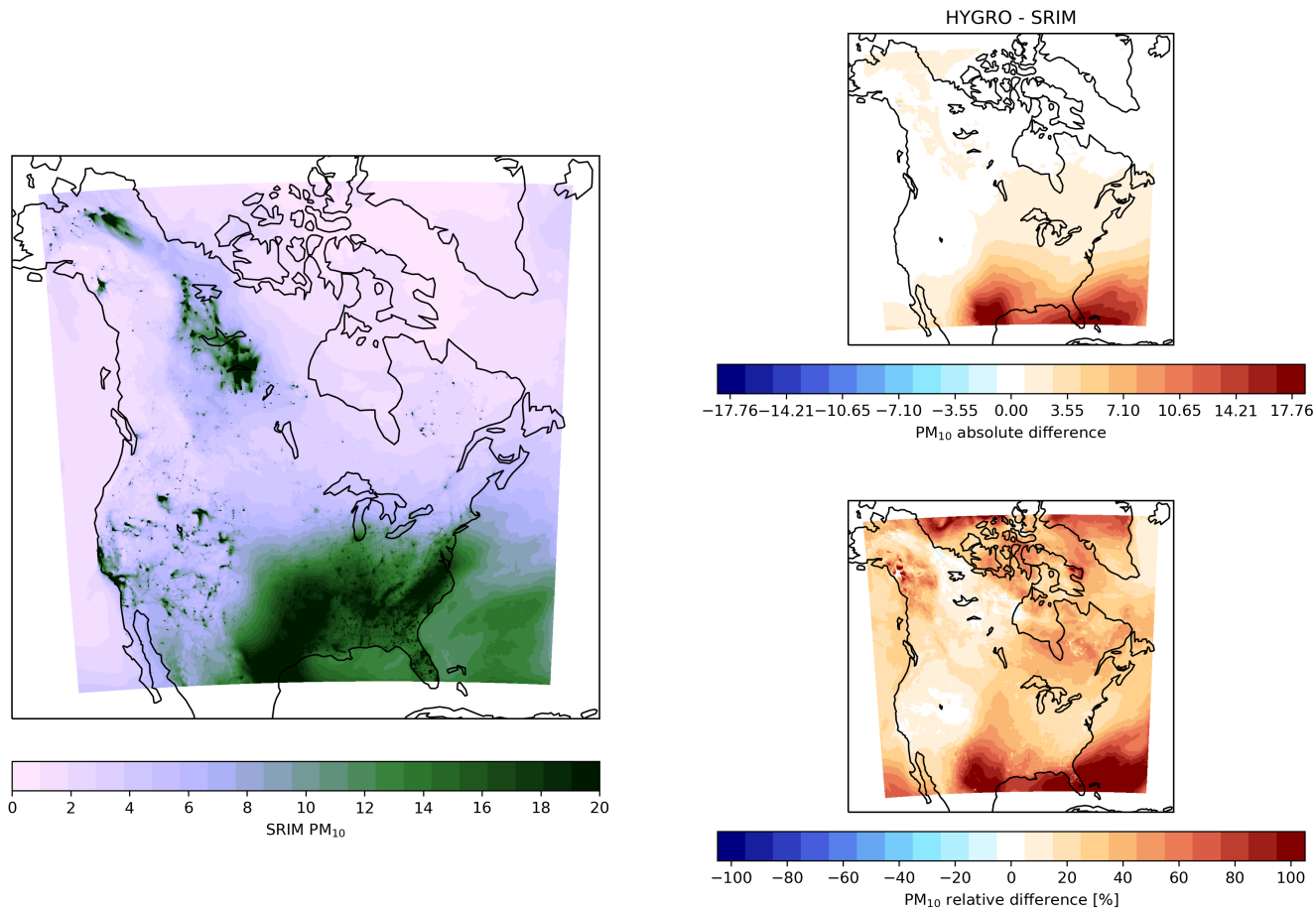
Figure S1. left: mean PM$_{10}$ concentrations from the SRIM simulation; top right: mean difference in PM$_{10}$ concentrations between the HYGRO and SRIM simulations; bottom right: relative difference in mean PM$_{10}$ concentrations between the HYGRO and SRIM simulations. Note that PM$_{10}$ concentrations are nearly identical in the HYGRO and 1L2B simulations.
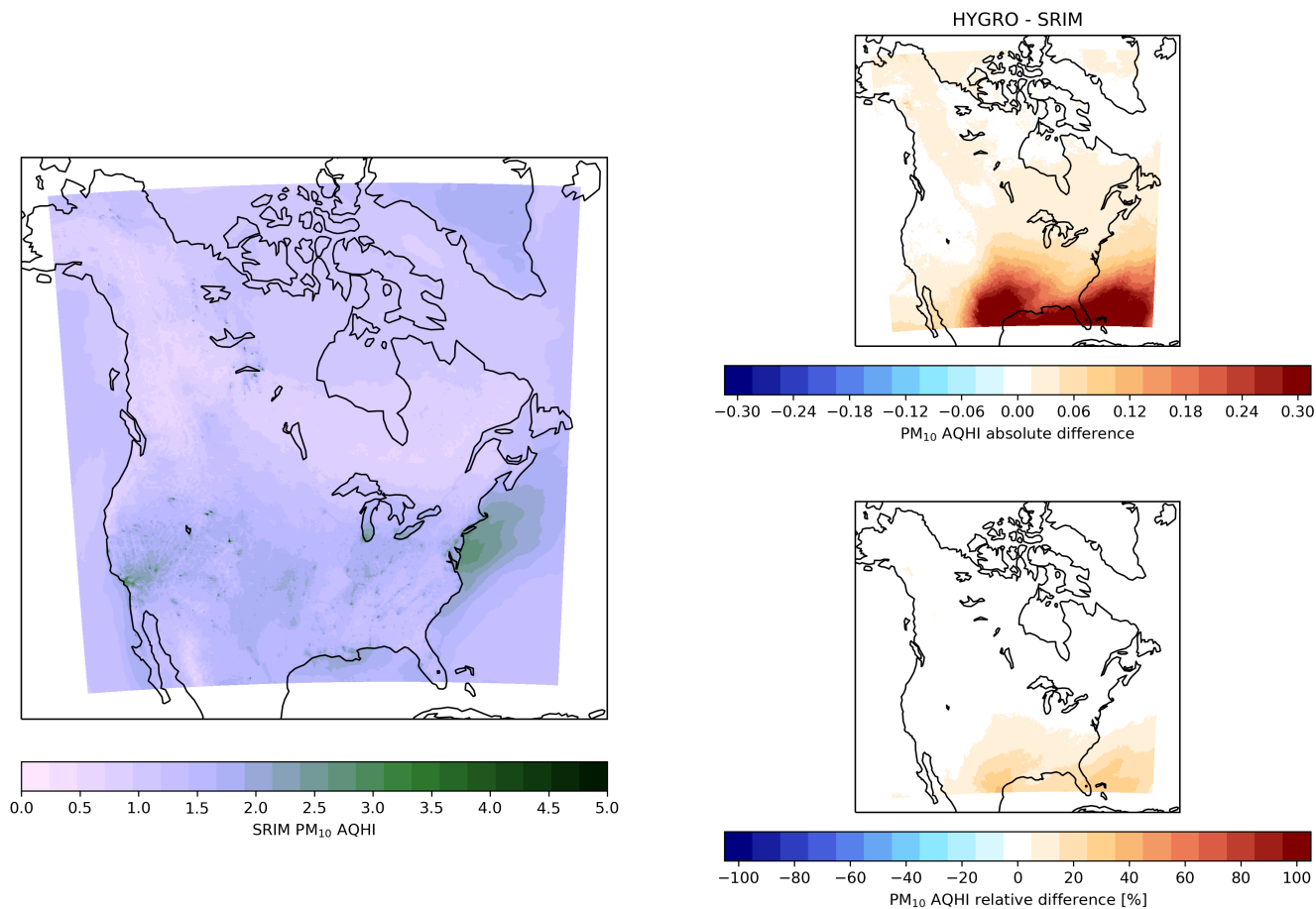
Figure S2. left: mean PM$_{10}$ AQHI values from the SRIM simulation; top right: mean difference in PM$_{10}$ AQHI values between the HYGRO and SRIM simulations; bottom right: relative difference in mean PM$_{10}$ AQHI values between the HYGRO and SRIM simulations. Note that PM$_{10}$ AQHI values are nearly identical in the HYGRO and 1L2B simulations.