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Supplement of

Pasture degradation modifies the water and carbon cycles of the Tibetan highlands

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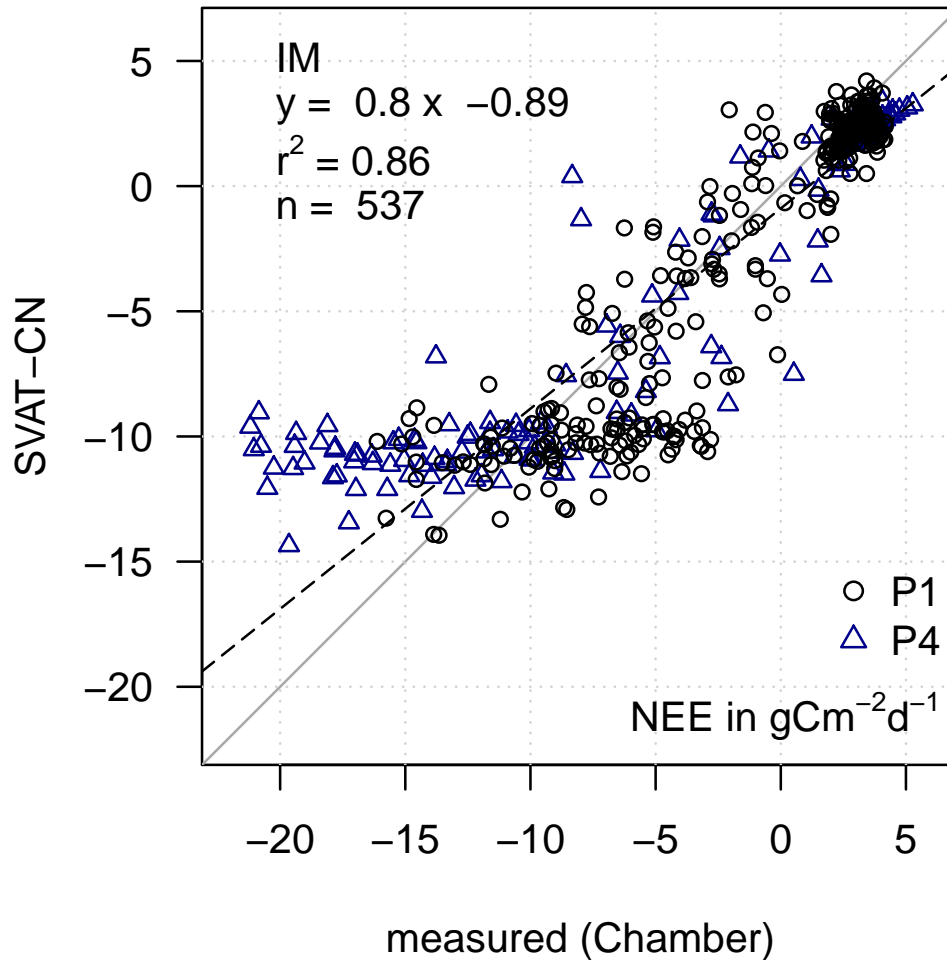


Figure S1: Scatterplot of chamber-measured vs. SVAT-CN modelled net ecosystem exchange (NEE) for intact root mat (IM) at Kema 2012, based on 30-min data. Black circles correspond to period 1 (30 July–7 August) and blue triangles to period 4 (21 August–26 August). The regression line (dashed, black) is shown as well as the 1 : 1 line (solid, gray).

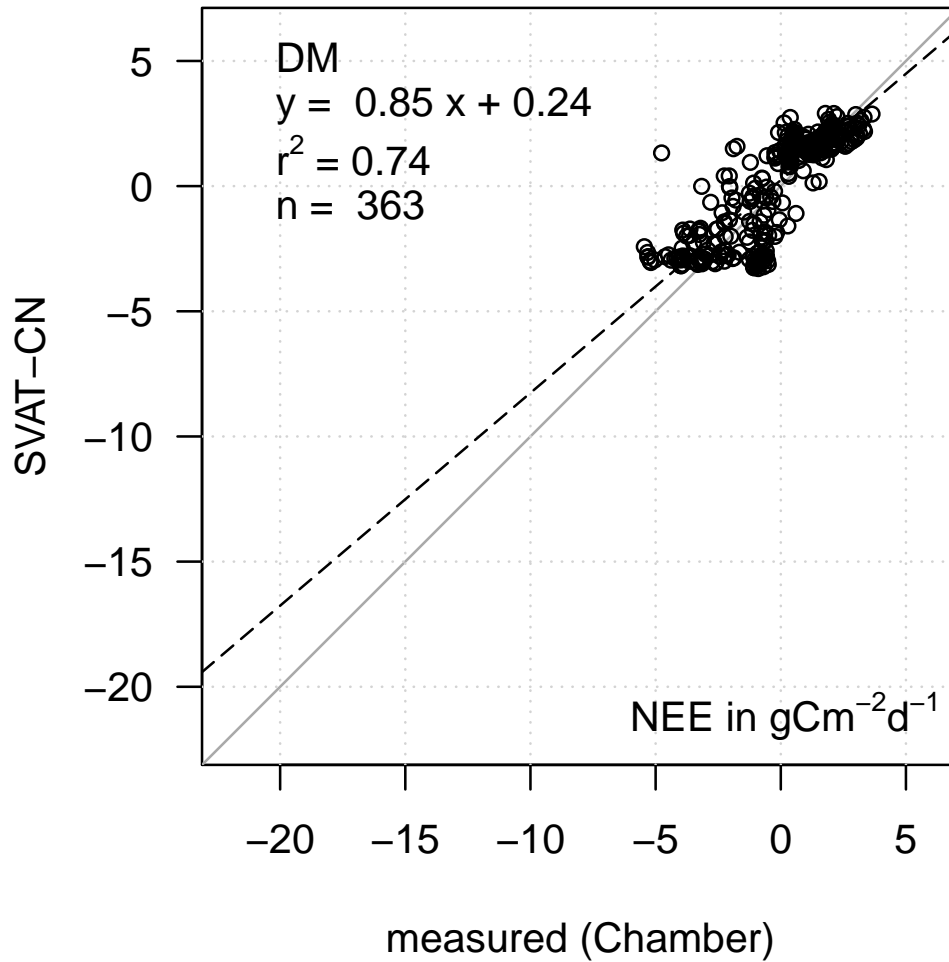


Figure S2: Scatterplot of chamber-measured vs. SVAT-CN modelled net ecosystem exchange (NEE) for degraded root mat (DM) at Kema 2012, based on 30-min data. Black circles correspond to period 2 (7 August–15 August). The regression line (dashed, black) is shown as well as the 1 : 1 line (solid, gray).

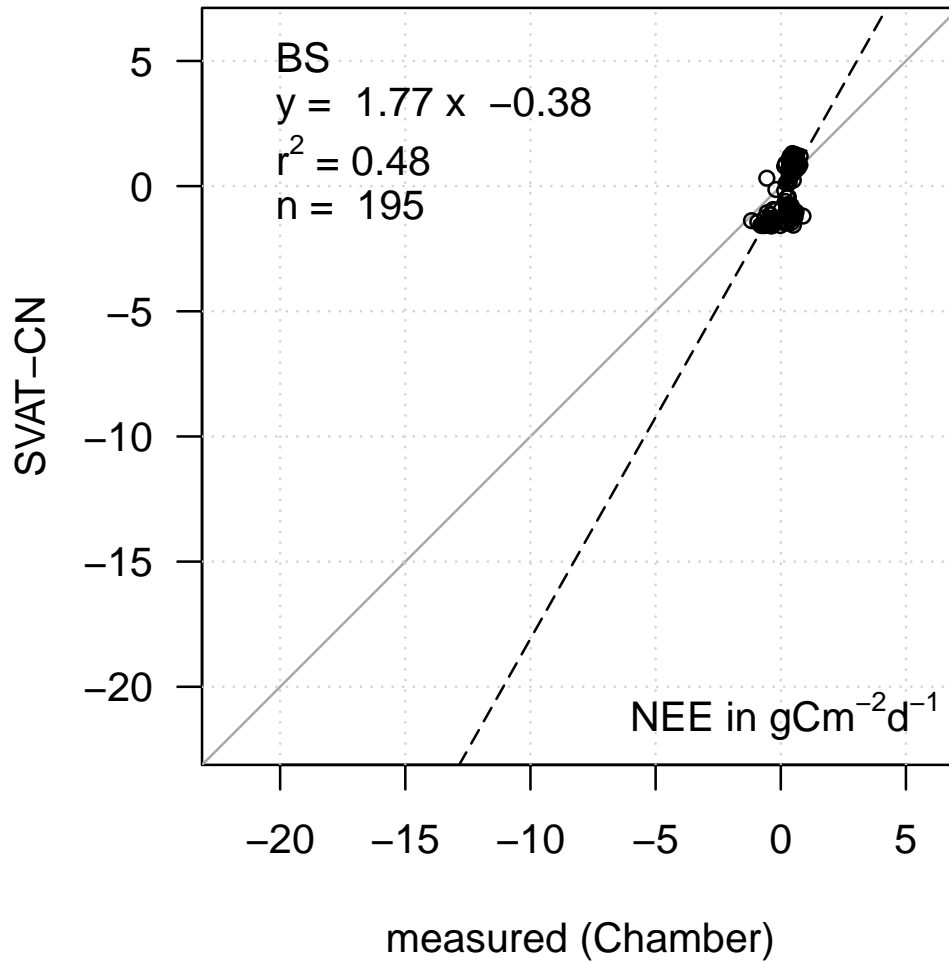


Figure S3: Scatterplot of chamber-measured vs. SVAT-CN modelled net ecosystem exchange (NEE) for bare soil (BS) at Kema 2012, based on 30-min data. Black circles correspond to period 3 (15 August–21 August). The regression line (dashed, black) is shown as well as the 1 : 1 line (solid, gray).