2021


Paper #33 reports enhanced weathering by N₂-fixing legumes trees in tropical forests facilitated by the recruitment of a below-ground microbiome that also benefits neighbouring trees.


2020


Paper #28 reports first evidence from LC3M field trials for consistent mitigation of N₂O fluxes from US corn-belt soils over three growing seasons following basalt amendment.


Paper #24 reports the first evidence from mesocosm experiments that amendment of a UK agricultural soil with crushed basalt increased yields of the C₄ crop Sorghum and introduced a detailed 1-D soil profile PhreeqC reactive transport model for simulating rock grain weathering and carbon capture.


2019


2018


2017