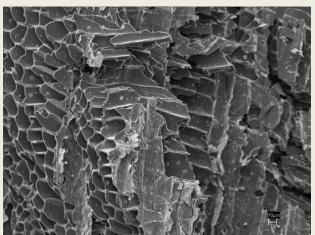
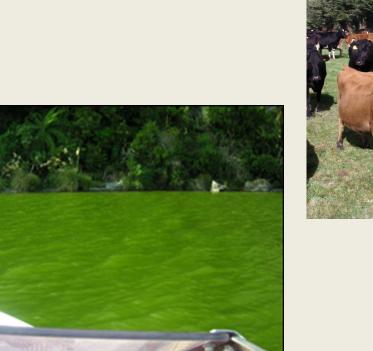
Impact of biochar amendment on phosphorus retention by riparian soil

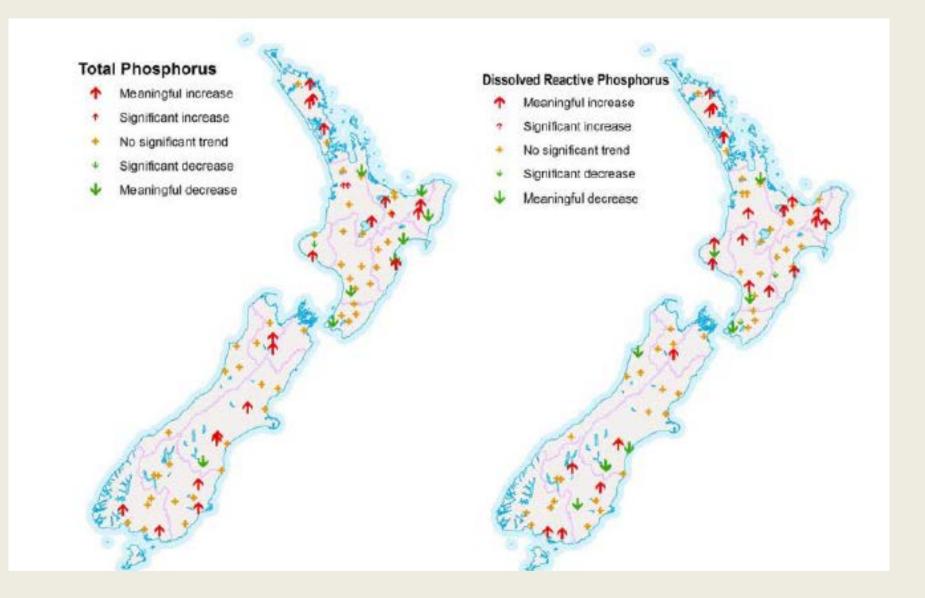
Leo Condron - Eva Harris - Tim Clough



Agriculture and Life Sciences Lincoln University New Zealand

















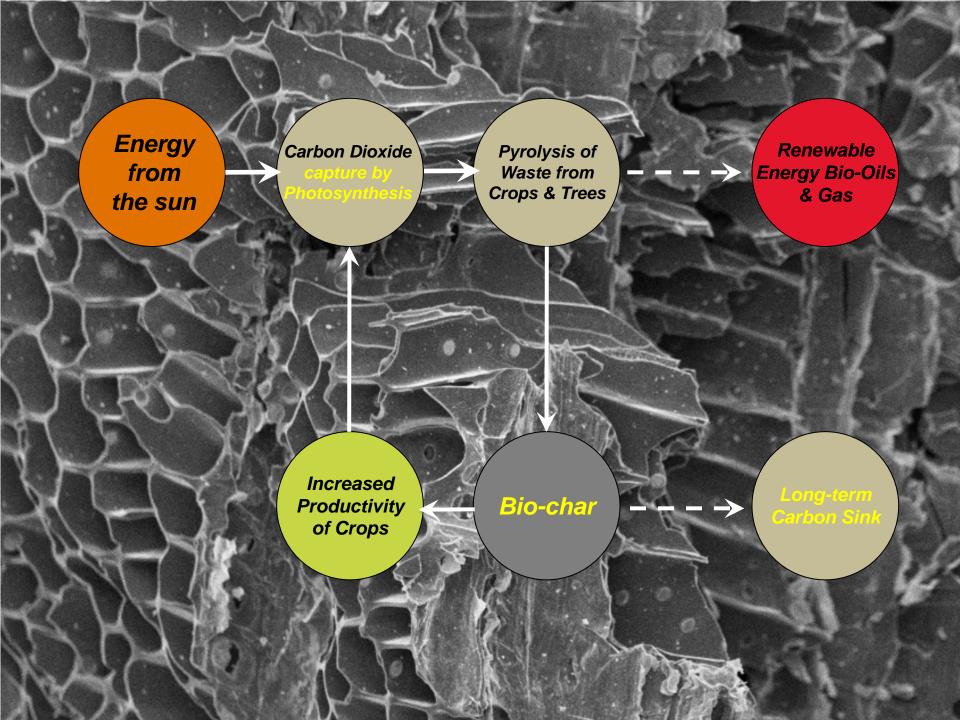


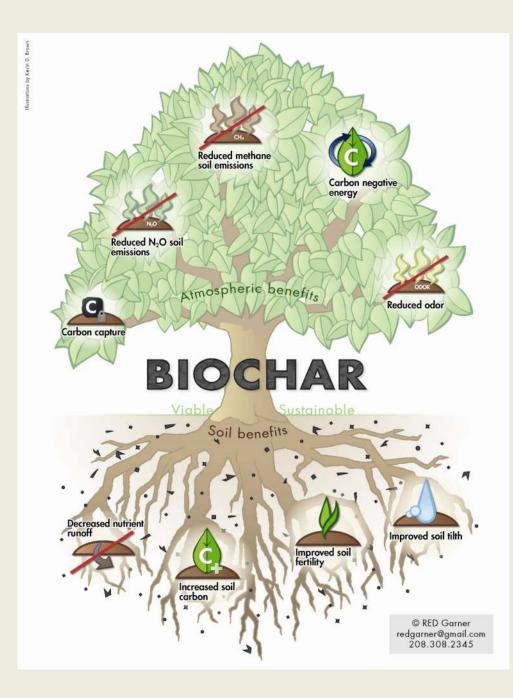


- pH = 7.3 7.5
- Total N = 105 290 mg L^{-1}
- Total P = $21 62 \text{ mg L}^{-1}$
- (50kg N ha⁻¹ = 7 12 kg P)
- N:P = 4.1 7.2

solids = 0.17-1.27%









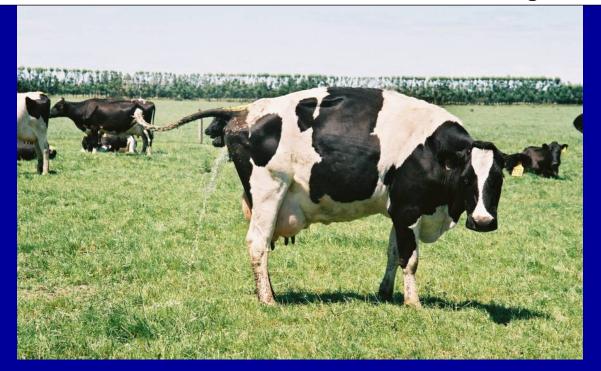






Cow urine patch = 500-1000 kg N ha⁻¹!

In grazed pastures urine patches are the main sources of nitrous oxide emissions and nitrate leaching



Cumulative N₂O-N flux from soil determined over 28 days incubation.

