Riparian reforestation increases water infiltration and reduces run-off

Susanne Schmidt, School of Agriculture and Food Sciences

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How does revegetation impact on soil hydraulic properties?
Case study: Maleny- Lake Baroon Catchment

We compared the properties of soil under pasture, 3-to-20 year old riparian plantings, and remnant rainforest
Soil density rapidly declines with time since reforestation which increases water infiltration rates.
Next step: Investigation at catchment scales to generate empirical data for hydrological models and decision making

Quantification of water infiltration rates in context of vegetation-soil properties
Contact details:
Susanne.Schmidt@uq.edu.au

Reference:

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Early Response of Soil Properties and Function to Riparian Rainforest Restoration

Rose Gageler¹, Mark Bonner¹, Gunnar Kirchhof¹, Mark Amos², Nicole Robinson¹, Susanne Schmidt¹*, Luke P. Shoo³