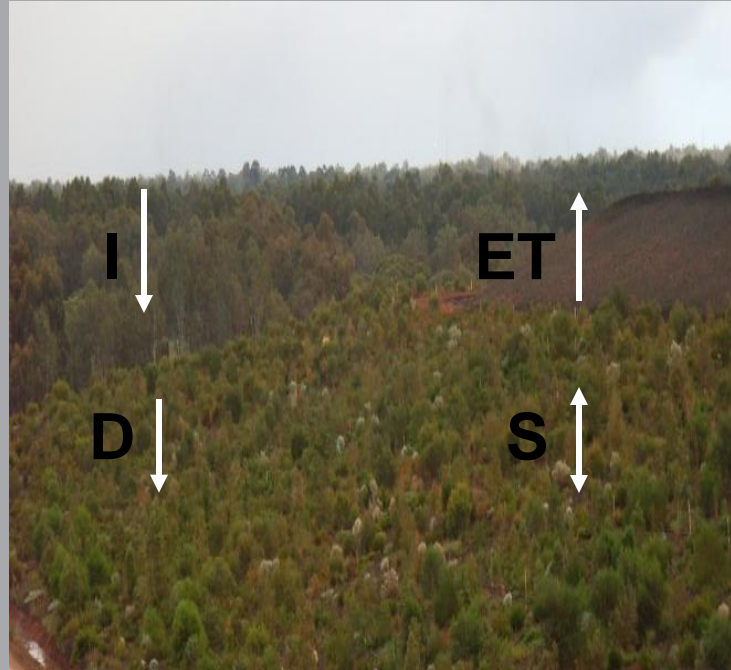


Studying Water Dynamics In Bauxite-Processing Residue

Understanding water dynamics in the soil-plant-atmosphere system is critical to Alcoa's rehabilitation program



Guelph permeameter and tensiometer for measuring hydraulic properties



Weather station and sapflow sensors for quantifying ET



Flow gauge to quantify drainage



MP406 moisture sensor and Didcott moisture gauge to monitor Storage

Field instrumentation is providing this information for process-identification and modelling