

A word cloud of terms related to neutron soil moisture measurement. The words are arranged in various orientations and sizes, with colors ranging from dark brown to light tan. The most prominent words are 'neutrons', 'measurement', 'content', 'hydrogen', 'soil', and 'cosmic-ray'. Other visible terms include 'scale', 'monitoring', 'non-invasively', 'short-term', 'atmosphere', 'satellite', 'measurements', 'surface', 'conditions', 'neutron detector', 'high-resolution', 'moderated', 'correlated', 'exchange', 'moisture', 'weather', 'interaction', 'intensity', 'initialization', 'horizontal', 'atmosphere/soil', 'intermediate', 'calibration', and 'Soil moisture'.