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Firstly, in order to analyze the scale issues of remote sensing, the problems of scale and the importance of scale will be reviewed and discussed. As we know, research about scale has already permeated various disciplines, such as hydrology [5 â€“ 7], meteorology [8], ecology [9 , 10] and geography [1 , 2 , 11].

Scale Issues in Remote Sensing: A Review on Analysis

retrieval and limit the development of remote sensing applications. Consequently, they are becoming emerging problems which attract more and more the attention of scientists. Firstly, in order to analyze the scale issues of remote sensing, the problems of scale and the importance of scale will be reviewed and discussed.

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In this Special Issue, we welcome studies on remote sensing of soil moisture across different spatial and temporal scales. We also welcome studies addressing new missions, such as the Water Cycle Observation Mission (carrying a one-dimensional synthetic-aperture microwave radiometer), possible SMOS and SMAP follow-up missions, and any other missions deploying L-Band instruments.

Special Issue "Soil Moisture Remote Sensing Across Scales"

remote sensing is to have an energy source which illuminates or ... The light which our eyes - our "remote sensors" - can detect is part of the visible spectrum. ... Scale of Image/Map The ratio of distance on an image or map, to actual ground distance is referred to as scale. If you had a map with a scale of

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