



Analysis of Remotely Sensed Images

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Over the last two decades, we have seen a massive growth in the technology to acquire images of the earth surface at various altitudes – from low flying drones to satellites. The images vary in terms of spatial and spectral resolutions, and the applications vary even more widely – from agricultural yield planning to urban planning, from disaster management to defense applications. With the advent of faster computation and various machine learning tools, we obtain more accurate results, no matter what application domain we are looking at. Although there is an abundance of data (the fact that we always want more is another story), the same cannot be said about the availability of ground truth. Hence there is need to develop tools that can work unsupervised or semi-supervised way, apart from the supervised models. We shall look in to some of these applications in this talk. Additionally, issues related to what constitutes good features will also be discussed in this presentation.