

Preface

The most significant development in interpreting thematic maps and improving the finding analysis was due to the site suitability of agricultural lands. Satellite imagery has helped with different parameters considering elevation, slope, and rainfall, soil Ph, distance from rivers, roads, and land surface temperature, resulting in suitable landscapes. Studies have been done to see how the parameters influenced agricultural lands and helped in better land management. The analysis was performed with satellite imagery, divided and analysed according to parameters chosen for understanding. Weighted overlay analysis and Analytic hierarchical process have been covered to give each factor a proper weightage to choose suitable agricultural areas. It helps to manage land use practices.