(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2024

(21) Application No.202411055488 A

(43) Publication Date : 16/08/2024

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(54) Title of the invention : AGRICULTURE LAND ESTIMATION FROM SATELLITE IMAGES USING HYBRID INTELLIGENCE

(51) International classification	:G06K0009620000, G06N0003040000, G06N0003080000, G06N0003020000, G06Q0050260000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
Agriculture land Estimation from satellite images using hybrid intelligence is the proposed invention. The proposed invention deals with Image Analysis of Remote Sensing Data Integrating Spectral, and Spatial Features of land in the area of satellite image processing. Multi-spectral remote sensing data to analyze the pattern of surface change of the city and explore the local economics and development this city. The long-term objective of the proposed invention is to optimizing the city's function and operation, and more critically, secure a long-term economically and environmentally sustainable urban development. Some band combinations of remote sensed data are effective in the land cover classification. Here the hybrid method is use to obtain the final better result to estimate the agriculture land. In hybrid method results by taking different samples of NDVI and trend the neurons by it, which provide us the better results than NDVI and Neural Network. Finally, we gained the classified result as Hybrid Intelligence objects like vegetation, free land, urban area, roads and water resource

No. of Pages : 15 No. of Claims : 4