

IV. CONCLUSION

Deforestation is driven by two different activities: illegal logging and forest fire. Though the effects of deforestation are varying, these effect is highly dependable to its causes. In order to interpreting the knowledge from deforestation effect from its cause, we proposed a system function to automatically extract the feature of multispectral images for interpreting reflected value of bare soil substances in deforested area in spectrum domain into human language using semantic computing, to bring the clear comprehensible knowledge even for people who are not familiar with forestry. The experimental study has successfully produced the semantic matrices to interpret the nature condition by using three features and convert to axes, which consist of soil moisture, temperature, and soil salinity.

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