

CELA MEDIA STATEMENT

Title of Paper or Research: Quantitative Study on the Vegetation Landscape Characters of Chinese Buddhist Mountain Environments Based on eCognition Image Interpretation Technology: A Case Study of Jizu Mountain, Yunnan Province.

Author: Xueling Zhang; Shuhua Li*.

Institution or Professional Affiliation: Tsinghua University

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Media Statement: Chinese Buddhist mountains have become the symbols of large-scale Chinese traditional scenic spots and taken on striking diversiform landscape characters, and natural vegetation coexisting with artificial vegetation. The paper uses a newly-emerging smart image analysis technique, that eCognition, which can help us to conduct research on and analysis of the vegetation landscape characters and realize the instant output of the drawings and the corresponding vector data. On the basis of the multi-spectral remote-sensing image data of China Resources (ZY-3) satellite of Jizu Mountain, through analysis and experiment, extracts the characters of six kinds of vegetation landscapes, such as the coniferous forest, broad-leaved forest, bamboo forest, sparse forest land, gardens, and orchards.