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## **Predicting Land-Cover Changes with Gray Systems Theory and Multitemporal Aerial Photographs**

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### **Abstract**

In this study, we report a new technique based on gray systems theory for land-cover change prediction. Historical land-cover data were obtained from aerial photo interpretation. Change prediction was carried out for seven land-cover types in Claremont Canyon, Alameda County, California. The prediction results demonstrated that the prediction technique was effective.

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