

## Tracking Clouds with a Multiple Digital Cameras System

CHUNG-LIANG CHEN<sup>1</sup>, C. J. PAN<sup>2</sup>

<sup>1</sup> Tajen university
<sup>2</sup> National Central University

The quantitative information about cloud properties is required to test theoretical models of cloud dynamics. The purpose of this study is to analysis and tracking of image data of clouds by two digital cameras. From the camera images we can derive the 3-D coordinate measurement of clouds by the geometric relations between the two separated cameras, and then used the sequential data in time to estimated plane motions of clouds.