DLFODDD Large-Scale Cloud Detection Database
(DLFODDD) Agreement

Introduction

TJNU Large-Scale Cloud Detection Database (TLCDD) is collected from 2019 to 2021 in nine provinces of China, which includes Tianjin, Anhui, Sichuan, Gansu, Shandong, Hebei, Liaoning, Jiangsu, and Hainan. It contains 5000 ground-based cloud images and their corresponding cloud masks. The TLCDD is composed of 4208 training images and 792 test images. The cloud images are captured by visual sensors and stored in the PNG format with the pixel resolution of 512×512. All the images are cooperatively annotated by the meteorologists and the cloud-related researchers from College of Electronic and Communication Engineering, Tianjin Normal University, Tianjin, China, and Meteorological Observation Centre, China Meteorological Administration, Beijing, China. The TLCDD will be provided free of charge to cloud-related researchers in order to promote research. Hereunder, some ground-based cloud images and their cloud masks are presented.

Access

Address: biu_luhuan@163.com. The database will be accessible online using a URL and password that are given by the providers.

*Please send your personal information and purpose so that I can know you.

*Scan and send to email biu_luhuan@163.com.