

Large-scale Occluded Cloud Detection Dataset Agreement

Introduction

Large-scale Occluded Cloud Detection Dataset (LOCDD) is collected from 2019 to 2023 in nine provinces of China, which includes Tianjin, Anhui, Sichuan, Gansu, Shandong, Hebei, Liaoning, Jiangsu, and Hainan. The LOCDD is the first three-category ground-based remote sensing cloud detection dataset that considers occlusion labels. It contains 5000 ground-based cloud samples and their corresponding cloud masks. The LOCDD is composed of 2100 training samples and 2900 test samples. The cloud samples are captured by visual sensors and stored in the PNG format with the pixel resolution of 512×512. All the samples 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 LOCDD will be provided free of charge to cloud-related researchers in order to promote research. This agreement is granted by the providers in College of Electronic and Communication Engineering, Tianjin Normal University, Tianjin, China, and Meteorological Observation Centre, China Meteorological Administration, Beijing, China.

Content

The researcher(s) agrees to the following restrictions and requirements on Large-scale Occluded Cloud Detection Dataset (LOCDD):

- 1. Redistribution:** Without prior approval from the providers, the LOCDD, in whole or in part, will not be further distributed, published, copied, or disseminated in any way or form whatsoever, whether for profit or not. This includes further distributing, copying or disseminating to a different facility or organizational unit within the requesting university, organization or company.
- 2. Modification:** Without prior approval from the providers, the LOCDD, in whole or in part, will not be modified.
- 3. Commercial Use:** Without prior approval from the providers, the LOCDD, in whole or in part, will not be used for commercial use. Any commercial use of the database is strictly prohibited.
- 4. Publication Requirements:** In no case should the samples be used in a way that could reasonably cause the original subject embarrassment or mental anguish.
- 5. Acknowledgment:** In all documents and papers that report experimental results based on the LOCDD, a citation of this dataset should be added into the references or acknowledged in the acknowledgement.

6. Indemnification: Researcher agrees to indemnify, defend and hold harmless Tianjin Normal University, Tianjin, China, and Meteorological Observation Centre, China Meteorological Administration, Beijing, China, and their officers, employees and agents, individually and collectively, from any and all losses, expenses, damages, demands and/or claims based upon any such injury or damage (real or alleged) and shall pay all damages, claims, judgements or expenses resulting from researcher's use of the LOCDD.

7. Legal Disclaimer: The LOCDD is granted without any warranty. The providers shall not be held responsible for any damage (physical, financial or otherwise) caused by the use of the database. The providers shall not be held responsible of any illegal or criminal use of the database by the End-User. Any illegal or criminal use of the database by the End-User is strictly prohibited.

8. Access: The End-User warrants that they have read and understood all elements contained herein and that the signature apposed hereunder is the result of a fully aware decision. The End-User may only use the LOCDD after this Agreement has been signed and returned to the providers. The End-User must return the signed and dated Agreement by email, in PDF format to the providers at the following address: shuangliu.tjnu@gmail.com or s.liu@tjnu.edu.cn. The database will be accessible online using a URL and password that are given by the providers.

End-User (Authorized Signatory)

Organization Name (Institute, University, etc):	
Organization Address:	
Full Name:	
Title / Function:	
Email:	
Date:	
Signature:	

*The table can be filled in English or Chinese.

*Scan and send to email shuangliu.tjnu@gmail.com or s.liu@tjnu.edu.cn