

Topic Today

1. CrossEarthSyn – Multimodal Guided Remote Sensing Image Generation

- Optical (Pre-Event) + SAR (Post-Event) → Optical (Post-Event)

2. EarthBridge - Cross-Modality Remote Sensing Image Generation

- 4 Tasks: SAR-to-Infrared, SAR-to-RGB, SAR-to-Electronic-Optical and RGB-to-Infrared
- 4th Multi-modal Aerial View Image **Challenge** : Translation Track (MAVIC-T) in Perception Beyond the Visible Spectrum (PBVS) **workshop** in **CVPR 2026** (competition start at 2026.01.15 – ended at 2026.03.01 along with winner announcements)

3. OpenDisasterMap

- Collaboration plan with ① The University of Tokyo (Prof. [Naoto Yokoya](#), Dr. [Hongruixuan Chen](#), Dr. [Junjue Wang](#)), ② RIKEN AIP (Prof. [Junshi Xia](#)), ③ Stanford University (Dr. [Zhuo Zheng](#)), ④ University of Science and Technology of China & Kuaishou Inc. (Dr. [Yuanshen Guan](#))
- (it still need months of a formal project initiative for [OpenDisasterMap](#) regarding everything needed)

4. A Survey of Remote Sensing Visual Generation Models

- Inspired by recent RS Foundation Model Survey Papers published in 2025 ([MGRS.2025.3588505](#), [MGRS.2025.3598283](#), [MGRS.2025.3541952](#), [MGRS.2024.3425961](#), [MGRS.2025.3572702](#), [MGRS.2025.3576766](#), [MGRS.2025.3596243](#)), we are focusing on a comprehensive review of recent visual generative remote sensing models and aim for [GRSM](#) (Q1, IF=16.4+)
- We already hold a start point of ‘awesome’ tag GitHub repo at <https://github.com/Bili-Sakura/awesome-remote-sensing-visual-generative-models>

Others

Collaboration with Prof. Qiang Zhu Group on MICCAI’26

- DDL (2026/02/27) already done

SAM 3 for Cropland Segmentation Hangzhou

- Add temporal modeling (still under progress)