

Assistantship Description: A PhD position is available with Dr. Tao Liu at Michigan Technological University. The student will apply AI\deep learning algorithms to process the active\passive remote sensing data to solve a wide spectrum of research problems related to landcover\land use, ecology, forest health and carbon cycling. Candidates with domain knowledge in the aforementioned area are preferred. The candidate will take a role in a NASA-funded Land-Cover and Land-Use Change (LCLUC) project.

Qualifications:

• MS or BS degree in environmental science, forestry, geography, computer science, data science or other related fields.

• Programming skills using Python.

• Remote sensing research or image processing experience

• Strong communication skills, both in terms of formal written reports/manuscripts and oral presentations.

Funding: The selected candidate will be fully funded with a stipend(\$2100~2200/month) and tuition.

Timing: The start date is Fall 2022. The position is available immediately and open until filled.

Application Procedure:

Applicant should email Dr. Tao Liu at taoliu@mtu.edu to express your interest in the

position. Please include a brief cover letter describing your relevant qualifications and interest in the project. Also include a copy of your CV, transcripts, and TOEFL or IELTS (international applicants). GRE is NOT required.