



UNIVERSITY
of HAWAII®
MĀNOA

Department of Geography and Environment
2424 Maile Way, Saunders Hall 445
Honolulu, Hawai'i 96822-2223

MA Student Opening – Remote Sensing – University of Hawai'i-Mānoa

The Kelley and Carlson Research groups seek applicants for a funded MA position in the Department of Geography and Environment at the University of Hawai'i-Mānoa, starting Fall 2019.

This student will conduct research that draws on cutting-edge geospatial approaches to understand recent land use and cover changes in four sites in Indonesia. This applied research contributes to an interdisciplinary research project exploring the linkages between large-scale land enclosures, labor migration, and land use and land cover change. The successful applicant can expect to gain skills and experience with remote sensed data sets, cloud computing platforms (Google Earth Engine), and novel classification software (E-cognition). The student will also gain experience in interdisciplinary science as part of a research team with expertise in political ecology, anthropology, and remote sensing.

QUALIFICATIONS: The applicant must have aptitude in quantitative analysis or methods (e.g., remote sensing, GIS, statistics), experience in at least one programming language (e.g., R, Python), excellent oral and written communication skills, and a strong interest in learning and applying new skills. Individuals who speak Indonesian, have lived in Southeast Asia, or have published in peer-reviewed journals are especially well qualified for the position. Applicants must meet the minimum requirements for admission into the Geography and Environment MA program.

EXPECTATIONS: The selected individual is expected to analyze remotely sensed datasets, submit one paper per year to a quality peer-reviewed journal, present research findings at regional and international scientific meetings, and actively participate in lab group and project group meetings and events. There may be opportunities to travel to Indonesia to collect remote sensing data using unmanned aerial vehicles or to validate and train land classifications.

SUPPORT: The student will be supported through a combination of teaching and research assistantships. The annual stipend will total around \$22,140 for a period of two years. Tuition is fully covered by the University of Hawai'i (please see [here](#) for more information on tuition exemption policies).

LOCATION: The [University of Hawai'i at Mānoa](#) is in Honolulu, Hawai'i, a vibrant community that offers incredible opportunities for outdoor activities as well as a diverse urban environment. As part of the [Geography and Environment Department](#), students will have the opportunity to engage with scholars exploring global change and local impacts from diverse geographical perspectives. The [East West Center](#) provides a strong link to the Asia-Pacific, including opportunities for student scholarships to work in Asia.

APPLICATION: To apply, please send a 2-page cover letter describing how your career goals and experience/qualifications make you an ideal fit for the position. Also attach your CV, unofficial transcripts, and names of three references. Send to lckelley@hawaii.edu. Applications received by December 1, 2018 will receive full consideration. The departmental application deadline for Fall 2019 admission is January 15, 2019.

QUESTIONS?: Feel free to contact Dr. Lisa Kelley (lckelley@hawaii.edu) with questions about the position. More information on the Geography and Environment MA program can be found [here](#).