ASL Hires Mitchell Bonney for the Position of Remote Sensing Scientist

ASL is pleased to announce the appointment of Mitchell Bonney to the position of Remote Sensing Scientist as part of our remote sensing team. Before joining ASL, Mitchell had been serving as a limited term Assistant Professor (Teaching Stream) at the University of Toronto Mississauga (UTM), where he taught courses in remote sensing and spatial statistics. Mitchell completed his Doctoral degree at UTM earlier this year, and in 2017 completed his Master of Science at Queen's University (Kingston), both in Physical Geography with a specialty in remote sensing.

Mitchell is passionate about applying remote sensing to answer environmental questions, having utilized multispectral satellite and aerial time-series to explore northern Canada climate-induced shrubification, Australian fire history, temperate forest growth-decline dynamics, and southern Ontario urban forest histories in comparison with social-demographic change. Mitchell has published his work in high-quality scientific journals, including *Remote Sensing of Environment*.

Mitchell will participate in research and development projects and apply cutting-edge methods to help solve our clients' problems. He will be developing methodologies and automating workflows that include image processing, classification, target and anomaly detection, change detection/monitoring and time-series analysis using optical and radar data from multiple sources. Mitchell will bring his expertise to our ongoing project *Artificial Intelligence for Earth Observation,* where we use deep learning techniques on image time-series data to monitor landscape change and forest health over large areas.