



ASL is pleased to announce the appointment of Dan Walters to the position of Data Scientist as part of our remote sensing team. Dan previously served 20 years in the Royal Canadian Air Force (RCAF) as a pilot before leaving to join the civil sector. He holds a Bachelor of Science in Honours Physics and a Master of Defence Studies from the Royal Military College of Canada. Most recently he completed a Master of Science in Aeronautics and Astronautics from Purdue University. Dan is an avid astrophysicist, with published papers in both dynamics and astronomy. Notably, he created a deep learning tool to help unravel the mysteries of galactic evolution. Dan brings a wide breadth of experience with the military, academia, and personal research and is eager to join the team.

Dan will be developing and applying cutting edge deep learning tools for earth observation data analytics, including automated object detection, identification, and semantic segmentation in satellite imagery. He will help expand ASL's existing capabilities that utilize deep learning for automatic site monitoring; detection of anomalous behavior based on temporal, spatial and spectral information; and wide area monitoring of natural and anthropogenic changes in the landscape (e.g., forest health, wildfires, disasters, industrial/urban development).