



JECAM Annual Meeting

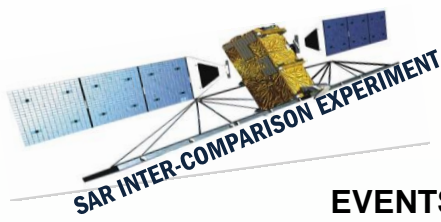
Earth Observation Technologies for Crop Monitoring: A Workshop to Promote Collaborations among JECAM/AsiaRiCE



From 17-20 September, the *Earth Observation Technologies for Crop Monitoring: A Workshop to Promote Collaborations among GEOGLAM/JECAM/Asia-RiCE 2018* workshop was held in Taichung City, Taiwan. The workshop was hosted by the Council of Agriculture, Executive Yuan, Taiwan (TARI, AFA and IMC) and the Center for Space and Remote Sensing Research (CSRSR), National Central University, Taiwan. Participants, including scientists from JECAM and Asia-RiCE, met to discuss their EO science work and applications. Discussion focused on: (a) analytical approaches, field measurements, reporting protocols and best practices for different cropping systems; (b) potential future JECAM and Asia-Rice science activities; and (c) the construction of a research framework to drive the evolution of GEOGLAM towards more quantitative metrics on essential agricultural variables and prepare the community for its contribution to the emerging priorities of UN SDGs, Paris Agreement, and Sendai Framework for Disaster Risk Reduction.

Data sharing requests from potential collaborators external to JECAM

Recently we have received requests from potential collaborators who are external to the JECAM network enquiring about access to the network's site data. Our general approach to such requests is to circulate the details among network site leads, inviting those interested to directly contact the potential collaborator if interested. Each site then has the option to enter into its own bilateral agreement with the potential collaborator. To make the process easier, we are in the process of drafting a standard "Request To Collaborate" form that can be submitted to JECAM via its website by potential collaborators. More details of this new website feature will be made available soon.



EXPERIMENT PROCESSING

Thirteen JECAM sites' data stacks for crop inventory classification have been provided to 2/3^{rds} of the JECAM partners who requested the data to assess their crop classification methodologies (Activity 1b). The remaining 3 JECAM Partner stacks will be transferred to all receiving Partners in the next weeks.

A document describing how to return to Laura the results of those classifications will be forthcoming. Please review that document and return the results in a timely fashion to ensure that your results are included. A deadline for results will be given in that document.

AAFC has completed classifying the data stacks for all 13 sites using our existing Operational Decision Tree Classifier. We are now applying our new Random Forest operational classifier to all stacks.

EVENTS

Past

July 2018

IGARSS 2018
Valencia, Spain
Heather and Mehdi
attended

September 2018

*Earth Observation
Technologies for Crop
Monitoring: A
Workshop to Promote
Collaborations among
JECAM/Asia-RiCE*
Taichung City, Taiwan
Andrew attending

Upcoming

December 2018

AGU 2018
Washington, DC
Laura attending

January 2019

ESA POLinSAR 2019
Frascati, Italy
Mehdi attending

Agriculture and Agri-food Canada (@AGR.GC.CA) email addresses have been migrated to CANADA.CA Please update your records for:

Andrew.Davidson2@Canada.ca

Heather.McNairn@Canada.ca

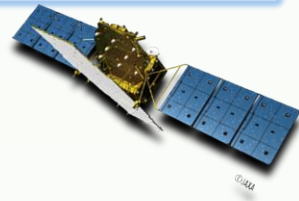
Laura.Dingle-Robertson@Canada.ca

2018 Compact Polarimetry Activity 3



Emails have gone out to those JECAM Partners who had committed to collecting field data in 2018 for the Compact Polarimetry activity in the Experiment to upload these data to the JECAM FTP. We have acquired RADARSAT2 quad polarization data over the committed Partners' sites through the 2018 growing season. From that quad polarization data we will be synthesizing the compact polarimetry parameters and variables. Once these parameters are derived we will be sending these data back out to the participating Partners along with the associated field data.

2019 Multi-frequency SAR Activity 4



The call for participation in Activity 4 of the JECAM SAR Inter-Comparison Experiment will be going out to all Partners by the end of November. We have received commitment from the Japan Aerospace Exploration Agency (JAXA) for the collection of ALOS L-band data over committed JECAM Partner sites. We also have commitment from the Canadian Space Agency to continue allowable agreed upon data acquisition. Look for this call for participation in your email box soon!