Los Angeles Region Imagery Acquisition Consortium (LARIAC)

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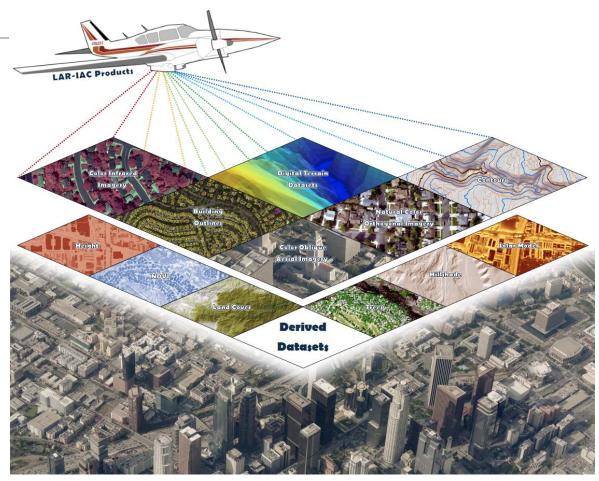


What is LARIAC?

➤ Los Angeles Region Imagery Acquisition Consortium (LARIAC)

"LAR-IAC is multi-jurisdictional purchasing arrangement that enables participating local governments and agencies to benefit from combined economies of scale to efficiently and cost-effectively acquire high definition aerial data."

▶ Participants have included 52 cities, 27 County departments, 16 agencies, and 7 educational institutions



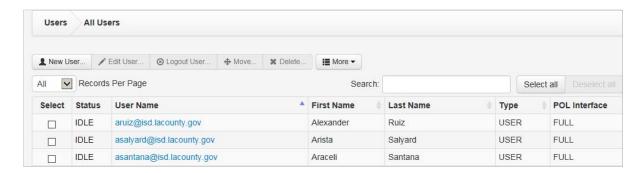


LARIAC Core Product List

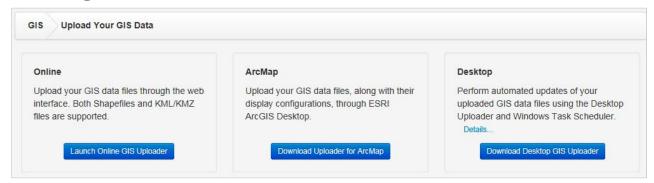
Data	2006 (L1)	2008 (L2)	2011 (L3)	2014 (L4)	2017 (L5)	2020 (L6)
Orthogonal Imagery (4-inch)	X (including Infrared)	(L2) X	X	X (including 2012 and 2103 1-foot imagery)	X (including Infrared imagery and multiple acquisitions per year)	X (including Infrared imagery and multiple acquisitions per year)
Oblique Imagery	Х	Х	Х	X	Х	Х
Building Outlines		X (400 sq ft)		X (400 sq ft)	X (300 sq ft)	X (300 sq ft)
Elevation Data	Х			х		
Derived Data (tree canopy, solar insolation, slop, hillshade, height model, land cover, etc.)	Х			Х	Х	

Access to CONNECTExplorer

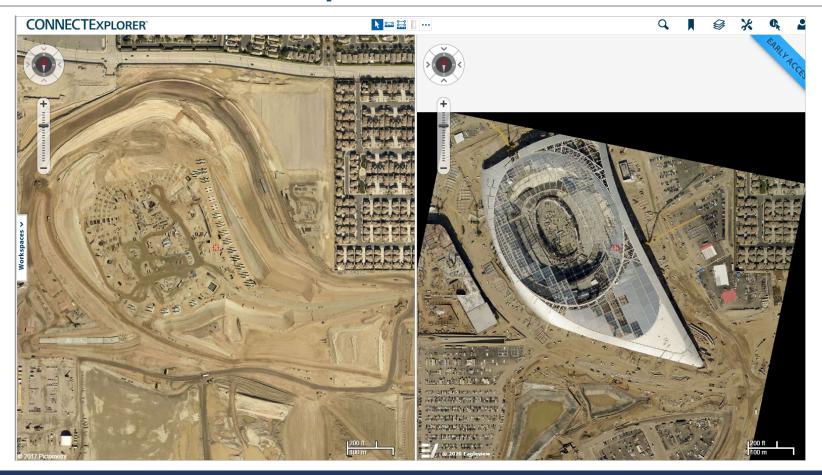
> Each entity receives a sub-organization account



➤ Upload & configure GIS datasets



Access to CONNECTExplorer





Manchester Square Over Time

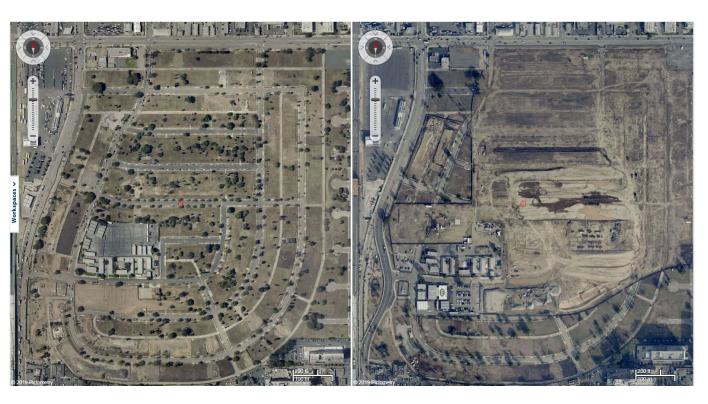






2006 2014 2017

Manchester Square over Time







April 2019 Oct 2019 2023



Independent QA/QC



Independent Quality Control and Final Data Processing

Enhancements to LARIAC Program



Independent QA/QC

- ➤ Managed by the Dewberry Quality Team
 - 15 Senior QC resources as primary team with 25 addition analysts for support and rapid turn around for reviews
- > Online tracking portal provides daily status updates and information on what is in review and the status of each tile in the project.

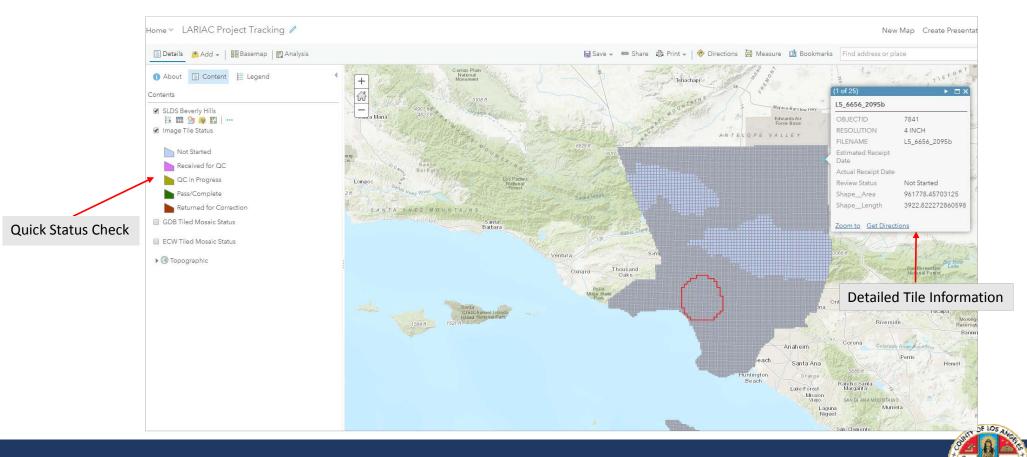


Delivery Data Processing

- > Updated and Streamlined process utilizing our internal computing cluster for rapid turn around on products through parallel processing of participant data
 - 440 processing cores and 1.2 PetaBytes of solid state capacity lead to improved processing time
- Online portal for status updates and delivery information for each SLDS participant.
- ➤ SLDS participant areas will be available in 7-14 days after acceptance of all tiles within the participant area.
- ➤ Data will be available for download through an AWS link on the data portal (or through traditional hard drive delivery if requested)



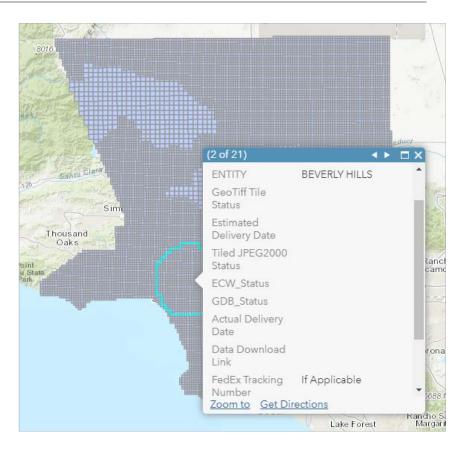
Delivery Data Processing



Data Tracking & Delivery Portal

➤ Detailed SLDS Participant Tracking

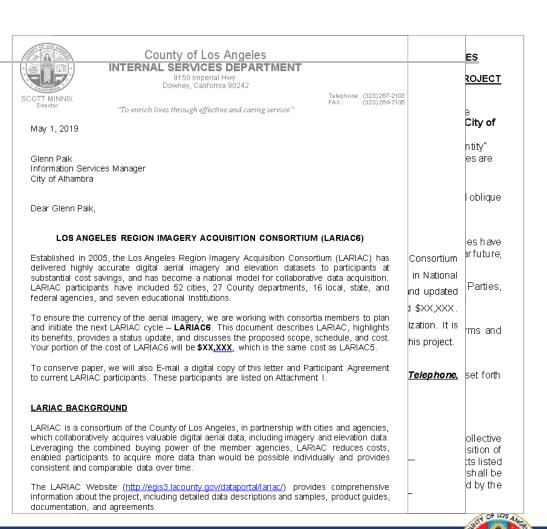
- Estimated Delivery Date based on when we expect to receive the tiles for QC (including estimated time for corrections)
- Status of each delivery product updated daily
- Link to AWS for direct download
- FedEx Tracking information if applicable (hard drive delivery by request)





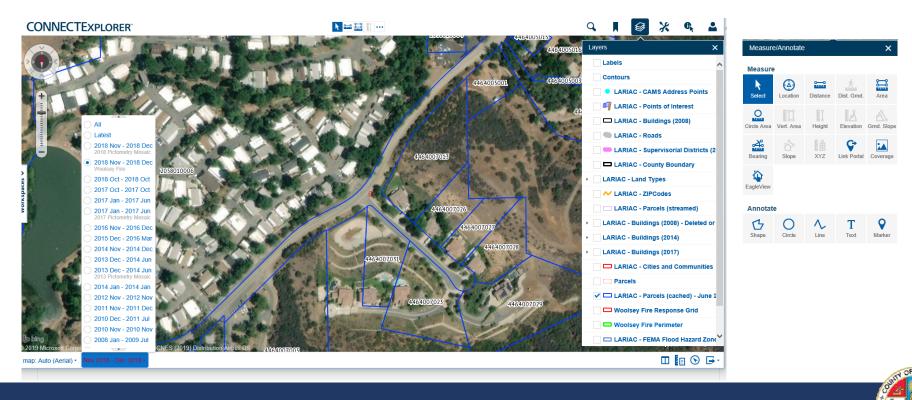
LARIAC6 - How to Join?

- ➤ Letter from Steve Steinberg, LARIAC Project Director
- > Letter of Intent
- > Participant Agreement



LARIAC6 – What if you do not join again?

➤ ConnectExplorer accounts, GIS Viewer accounts, and LA County-hosted REST services will be disabled for entities that do not join LARIAC6



Questions?

https://egis3.lacounty.gov/dataportal/lariac



Thank You

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