

Calling all scientists and artists!

Special virtual course offering for all OLLI members!

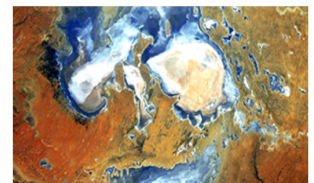
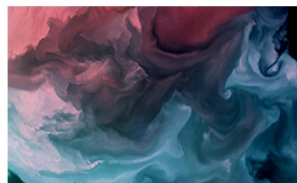
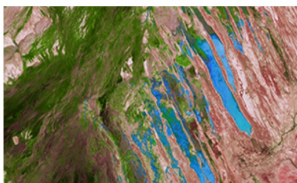
Tuesdays Jan 18 to Feb 22 1:00-2:30 pm HST (6 EST, 5 CST, 3 PST)

To celebrate 50 years of NASA-USGS Landsat Earth observations from space, OLLI-UH Manoa is offering *Opening the Aperture: Interpreting Satellite Imagery Through Art* as a virtual course for OLLI participants nationwide. Explore the mesmerizing beauty of our planet as seen by satellite sensors in space. Interpret that beauty in your own work using the artistic media of your choice. In this virtual class, you will work in your own home studio, guided online by scientist and studio artist facilitators in this special one-time-class offering.

Part 1: NASA GLOBE Observer Land Cover Science Lead Peder Nelson will share the art and science of remotely sensed Earth images we have obtained from space. First we cover how we learn about the changes taking place on Earth using satellites. You will be able personally manipulate a digital image from where you live (or a place you are interested in) and discover how satellite data shows us things we can't see with our own eyes.

Part 2: Data is art. Artist Michelle Schwengel-Regala, former NSF Artist in Residence, Antarctic Research Program, will lead the studio sessions of this course with Peder on hand to assist in helping us know what we see. Expect lively discussions about climate change and other topics as we paint, knit, color, digitize, etc. In our home studios!

The resulting art products of this course will be featured in a potential gallery show in Honolulu to celebrate *50 Canvases - 50 Years of Landsat*. We hope to promote and excite the public about a generation of Landsat science using art in social media, connecting everyone with the profound changes taking place on our planet over our lifetimes.



Materials: Each participant will supply the art materials of their choice. For conventional materials (paint, pencils, markers), we request work to be done on 12x12" canvases if possible, to facilitate gallery display. For digital artists, the art should have sufficient resolution for a minimum 12x12" dimensions. Textile art and 3D interpretations are also encouraged.

Learn about Landsat science here: <https://landsat.visibleearth.nasa.gov/>

See examples of art interpreting Landsat data here: <https://eros.usgs.gov/image-gallery/earth-as-art>

See examples and ideas here: <https://www.nasa.gov/feature/goddard/2021/nasa-invites-you-to-create-landsat-inspired-arts-and-crafts>

Want to know more? Contact your instructors, Peder Nelson peder.nelson@oregonstate.edu and Michelle Schwengel-Regala hookthereef@gmail.com