

# A New Perspective on the Sphere – Using the Power of Art to Explore Science

THE  
NURTURE  
NATURE  
CENTER

*Building community resiliency to environmental risk through informal science education, art-centered approaches to learning, and community dialogue and networking.*



Featuring NOAA's Science on a Sphere™ suspended globe and other exhibits.

*Join us!* SCIENCE PROGRAMS • COMMUNITY DIALOGUE • ART EXHIBIT  
URBAN GARDEN • SCIENCE ON A SPHERE • FILMS • KID'S CRAFTS • ENVIRONMENTAL

Nurture Nature Center  
518 Northampton Street  
Easton, PA 18042

[www.nurturenaturecenter.org](http://www.nurturenaturecenter.org)

Home of  
BUY FRESH BUY LOCAL  
GREATER LEHIGH VALLEY



*Dr. Kathryn Alese Semmens, Nurture Nature Center, Easton, PA*



**SCIENCE**



**ART**



**DIALOGUE**





November 9, 2018 — January 12, 2019



# Perspectives

- ❑ Designed to harness the power of art to explore important environmental issues, promote awareness and understanding, and inspire action.
- ❑ Works to engage artists, scientists, researchers and community members in a collaboration that fosters an exchange of experiences and ideas and strengthens personal, professional and community ties.

Celebrating the Fifth Year of the Perspectives Project  
with a Global to Local look at the Environment

19 Partnering Artists

Work Informed and Inspired by data exhibited  
on NOAA's Science on a Sphere®



Nurture Nature Center 518 Northampton Street Easton, PA

November 9, 2018 - January 12, 2019

@ Nurture Nature Center

**PERSPECTIVES:**  
ART ON ENVIRONMENT  
*Global to Local*

5

Opening Reception:

Friday, November 9th

6:30-9:00pm

Artists' performance with SOS at 8:00pm

Refreshments - Music by Bill Carr

Linda Ganus Albulescu

Lynn Alexander

Mary Budkoski

Ann Burke

John Cosgrove

Yevette Hendler

Anna Kodama

Jackie Lima

Karen Maurer

Tom Maxfield

Denise McCormack

Aine Freeman McDevitt

Melissa Benzinger McGlynn

Lauren Rosenthal McManus

Lillian June Robinson

Earl Stocker

Cleveland Wall

Don Wilson

Matt Wolf

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pennsylvania  
COUNCIL ON THE ARTS

Nurture Nature Center receives state arts funding support through Pennsylvania Council on the Arts, a state agency funded by the Commonwealth of Pennsylvania and the National Endowment for the Arts, a federal agency.

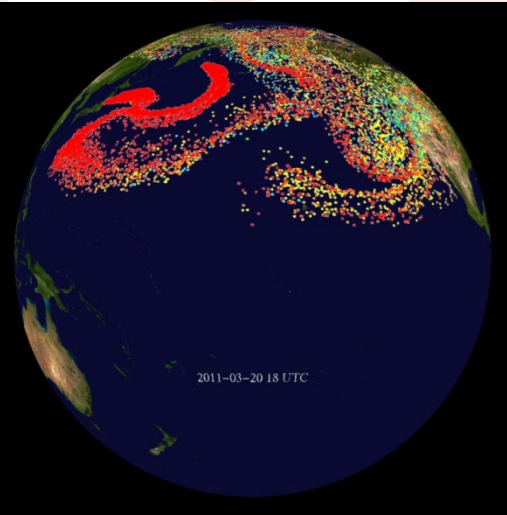
[www.nurturenaturecenter.org](http://www.nurturenaturecenter.org)

# Artist Collaboration

- Nurture Nature Center is collaborating with 19 artists to create work that combines art with the SOS to bring additional insight and reveal relationships or insights not readily seen in the datasets.
- Each artist chose a specific dataset to inform their art picking from a range of subjects including exoplanets, bird migration, hurricanes, population density and more.



# Process



- Introductory Sphere show with hand picked list of SOS datasets
- Artists selected their top 2 choices and received instruction and guidance from Art Director
- Artists met with Science Director and Outreach Educator to discuss datasets and questions
- Three arts-based workshops were held that look at ways to communicate science data: writing, data visualization and mapping.
- Artists worked on their creative pieces based on the dataset, imagery, and research associated with each topic
- Artists reviewed their work with the Art and Science Directors
- All pieces were showcased in an exhibit with an opening reception showing the performance and spoken work.



# Exoplanets - Tom Maxfield

*artist and illustrator*



KEPPLER 22-B  
mixed media

Photo by Yevette Hendler

YTreePhotography.com



# Clouds — Karen Maurer

## Cloud dreaming lyrics

V.1

I have dreams I release in the moonlight  
I have hopes I share with the sun  
Like a mist they form clouds of wishing  
And around the world they run

Chorus:

All those dreams will fall with the raindrops  
All those hopes will sparkle like snow  
With each breath I fill clouds with promise  
Never knowing just where they will go

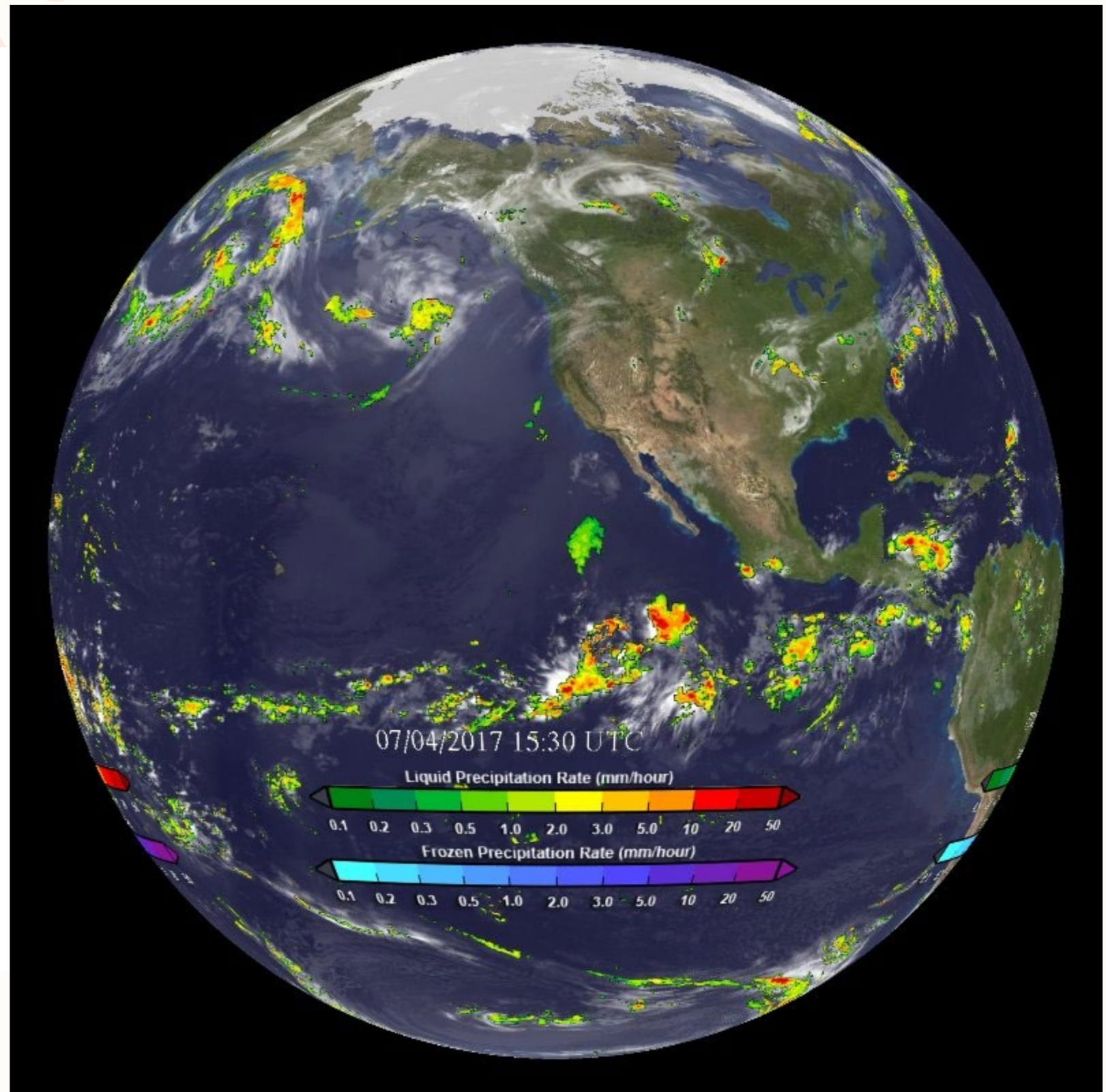
V.2

I breath in the dreaming of others  
I breathe in their hopes and their cares  
Like the clouds, my sister's and brother's  
secret wishes fly through the air.

Chorus

Interlude:

Deserts bloom when clouds burst upon them.  
Mountains sleep in blankets of white.  
Children dream of castles above them,  
And watch them as they drift out of sight.







# Clouds - Karen Maurer

*storyteller and writer*

Cloud Wish: or 6 Ways to Look at a Cloud by Karen Maurer

*My friend watched as storm clouds raged high above the mesa. Lightning flashed. Even from that height, she heard the growl of thunder. The cloud opened, and rain fell. It disappeared in the searing heat, reabsorbed into the thunderhead. It never touched the ground.*

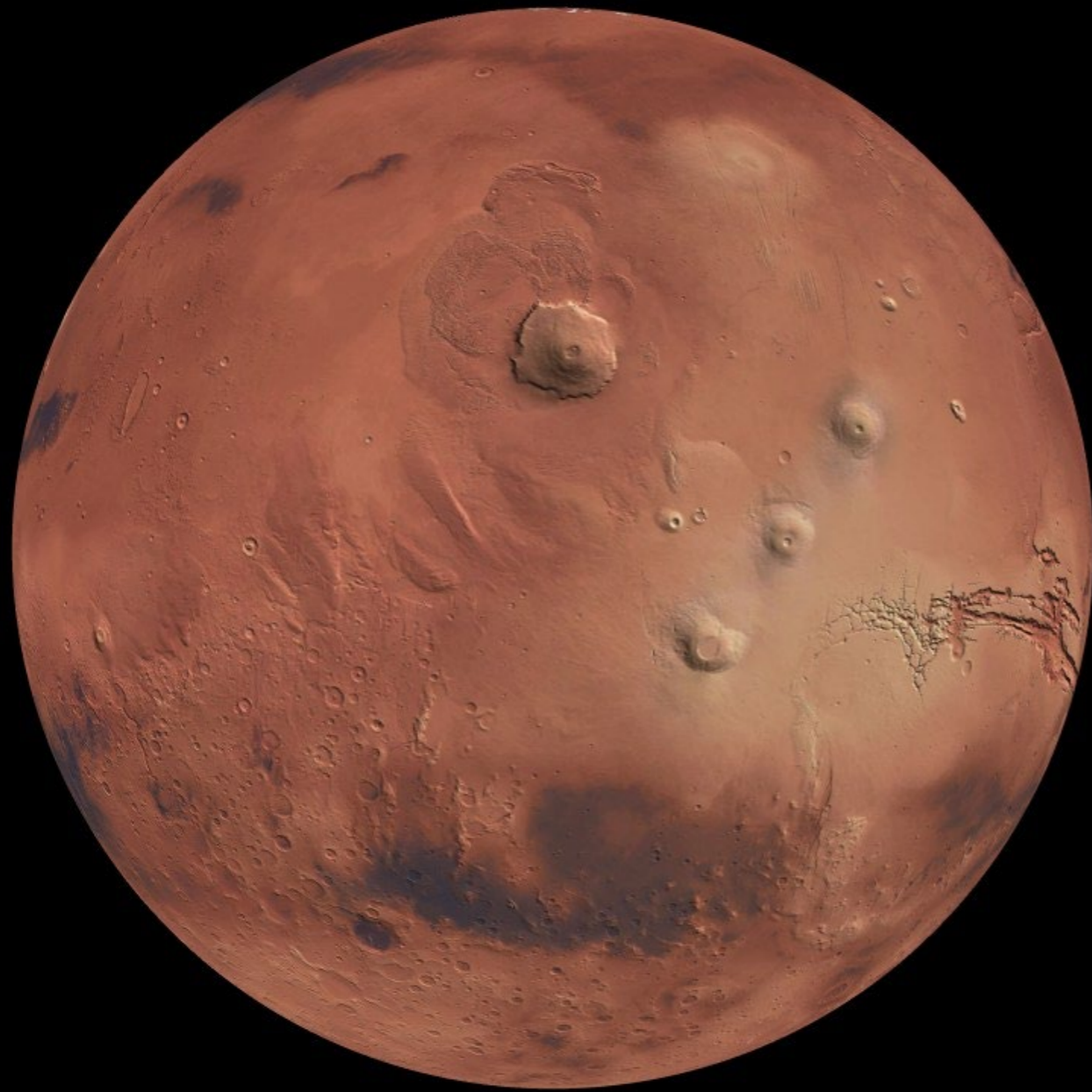
*"It felt as if I could see the grace of God," she told us later. "But my despair kept the rain from reaching me."*

Humans imbue nature with hidden mysteries. Clouds are among the most mysterious natural phenomena. They are at the mercy of wind, thermals, the contour of the land and the waves in the sea. Generations upon generations of farmers have used clouds to plan their harvests and plantings. The clouds don't always deliver. The promised rain is whisked out of range. A blue sky darkens without any warning. Like the storm above the mesa, promises are broken.



# Mars and Venus - Linda Ganus

*artist and digital media*





# Plate Tectonics – Don Wilson *painter*



YTreePhotography.com

Photo by Yevette Hendler

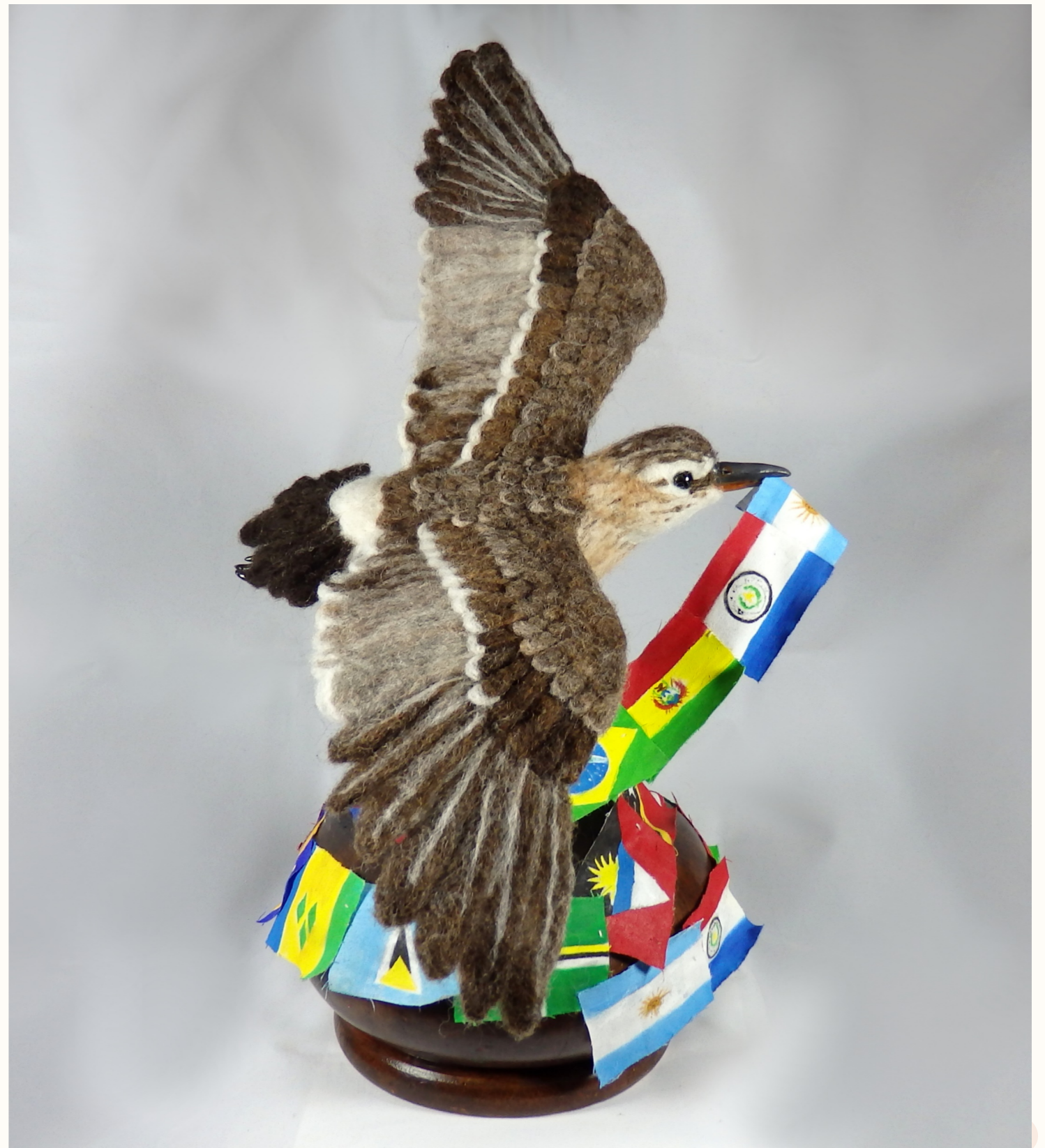
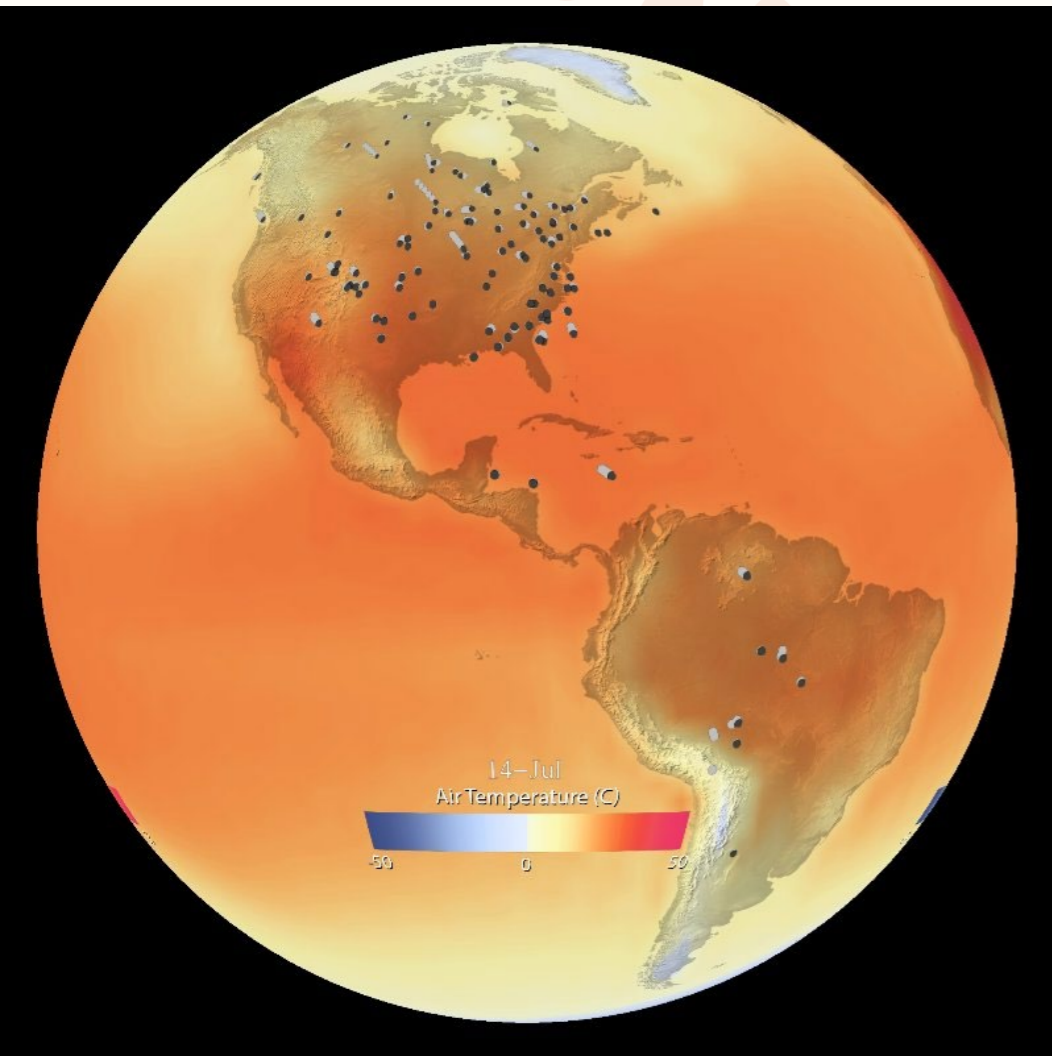


Plate Tectonics  
mixed media



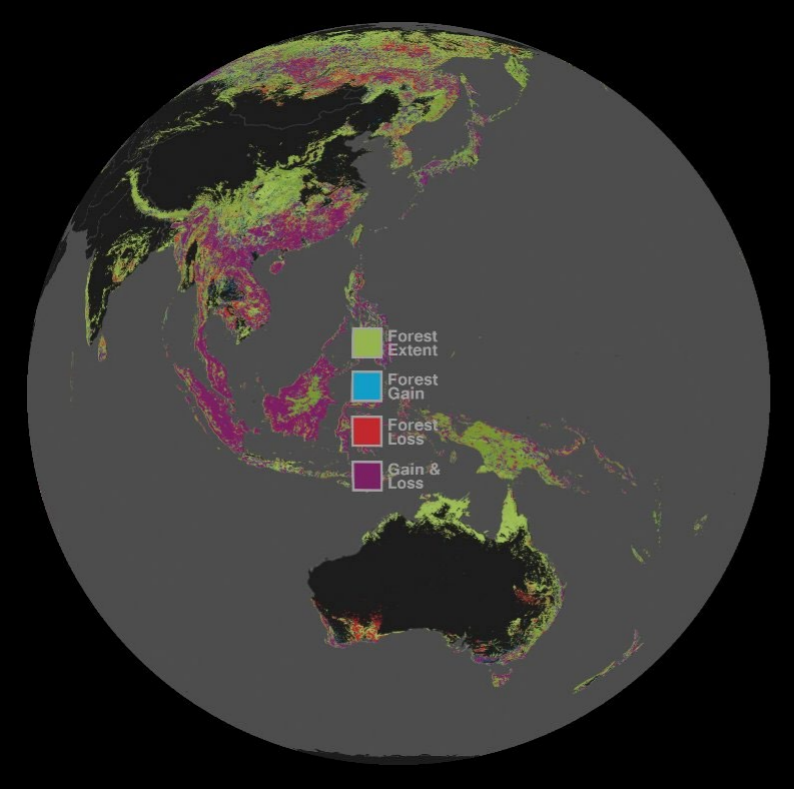
# Bird Migration - Melissa Benzinger McGlynn

*Wool felt sculptor*



Such Great Lengths for Such Small Wings  
wool, metal and wood





# Forests — Ann Burke

*paper artist and writer*





# Impact



- This project is such a wonderful use of the SOS datasets. The performances I saw tonight all used the sphere so well and added to my understanding of the information shared and to the personal and emotional impact this info has on all of us.

– *Karen Maurer*

- I thoroughly enjoyed our show on last Friday. I learned many things and was so impressed by everyone's thoughtful, heartfelt presentation. I am so happy to be affiliated with Nurture Nature and their talented, intelligent, innovative staff.

– *Matt Wolf*



*“Science needs the intuition and metaphorical power of the arts, and the arts need the fresh blood of science.”*

— Edward O. Wilson

(from CONSILIENCE: THE UNITY OF KNOWLEDGE [1999])



Text







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Kathryn Alese Semmens  
Science Director  
Nurture Nature Center  
Easton, PA

[www.nurturenaturecenter.org](http://www.nurturenaturecenter.org)  
[ksemmens@nurturenature.org](mailto:ksemmens@nurturenature.org)