



The Science Behind the 2019 Explore Science: Earth and Space Toolkit – Exploring Earth and Our Solar System

Online Workshop Summary of Resources
2-26-2019

Online Workshop Presenters

- **Laura Peticolas**, Sonoma State University
- **Frank Kusiak**, Lawrence Hall of Science, UC Berkeley
- **Darrell Porcello**, Children’s Creativity Museum and NISE Network Earth & Space Co-I

Recording of the Online Workshop on Vimeo

- <https://vimeo.com/320016350>

Online Workshop Resources

- **Explore Science: Earth & Space 2019 digital toolkit**
<http://www.nisenet.org/earthspacekit-2019>
 - Exploring Earth: Land Cover hands-on activity and resources
<http://www.nisenet.org/catalog/exploring-earth-land-cover-2019>
 - Exploring Earth: Temperature Mapping hands-on activity and resources
<http://www.nisenet.org/catalog/exploring-earth-temperature-mapping-2019>
 - Exploring the Solar System: Observe the Sun hands-on activity and resources
<http://www.nisenet.org/catalog/exploring-solar-system-observe-sun-2019>
- **All the facilitation and content training videos for the Earth & Space project**
<https://vimeopro.com/nisenet/explore-science-earth-space>
- **Landslide Animation from Conceptual Image Lab at NASA Goddard Space Flight Center**
<https://svs.gsfc.nasa.gov/20226>
- **Video on Global Landslide Catalog from NASA**
<https://svs.gsfc.nasa.gov/11854>
- **NASA Solar Dynamics Observatory captures stunning views of a solar flare**
<https://nasaviz.gsfc.nasa.gov/12229>

- **More about space weather from NASA**
https://www.nasa.gov/mission_pages/rbsp/science/rbsp-spaceweather.html
- **DIY Sun Science**, an iPhone/iPad app from UC Berkeley's Lawrence Hall of Science that allows families and educators to investigate and learn about the Sun at home, at school, and anywhere you go. The app provides 13 free, easy to use, hands-on activities, plus live views of the Sun from the NASA Solar Dynamics Observatory.
https://www.lawrencehallofscience.org/do_science_now/science_apps_and_activities/diy_sun_science

NISE Network Upcoming Online Workshops: <http://nisenet.org/event-type/online-workshop>



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