



Some pointers to Rubin EPO and Citizen Science Planning

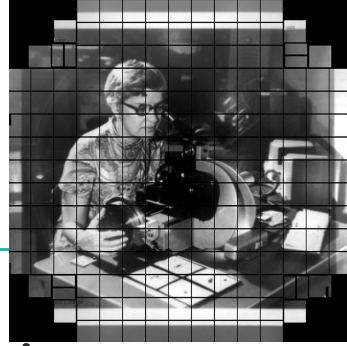
REINFORCE Meeting

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U.S. DEPARTMENT OF
ENERGY

Some background information



- The Observatory was renamed by an Act of Congress from LSST (Large Synoptic Survey Telescope) in honor of Vera C. Rubin. The data set will be called the Legacy Survey of Space and Time (LSST). See [name use guide](#).
- [EPO](#) is part of the [construction project](#), along with the Telescope & Site, Camera, and Data Management.
 - The EPO Subsystem Scientist (currently Lauren Corlies) is part of the Project Science Team and meets weekly with the other Subsystem Scientists. The other relevant contact is Melissa Graham, [Community Engagement Team \(CET\)](#).
- The [Observatory](#) will produce 10-20 TB of data per night, imaging billions of objects more than 800 times in 6 bands over the 10-year survey. Thus, we bring people to the data via the [Rubin Science Platform \(RSP\)](#), not the other way around.
- You can find additional background information here



Some background information



EPO Mission

EPO provides **online data-driven** experiences that are **accessible** and **approachable**, adding **real-world context** and opportunities for people to **engage** with Rubin Observatory and **explore** the Universe.

More details and pointers

- See [Lauren's excellent plenary talk](#) at the recent Rubin Project & Community Workshop.
- A working draft of the EPO website is currently available at <https://rubinobs.org>
- During construction, most of the Citizen Science effort has been on the enabling infrastructure .
 - *“Rubin Observatory EPO will provide support to researchers who create Citizen Science projects using Rubin Observatory data, including a dedicated project-building tool on the **Zooniverse platform**. Projects can be built with data from a [Rubin Observatory data release](#), alert-stream data, or any combination of the two. Once established, these projects will allow [citizen scientists around the world to participate in the discovery process enabled by Rubin Observatory](#).”*
 - The construction phase for EPO is essentially complete
 - Between now and the first data release (in 2025), further develop example citizen science project ideas
- See, e.g., [The LSST Science Book](#), p92 CH 4.5 *Citizen Involvement in the Scientific Enterprise*