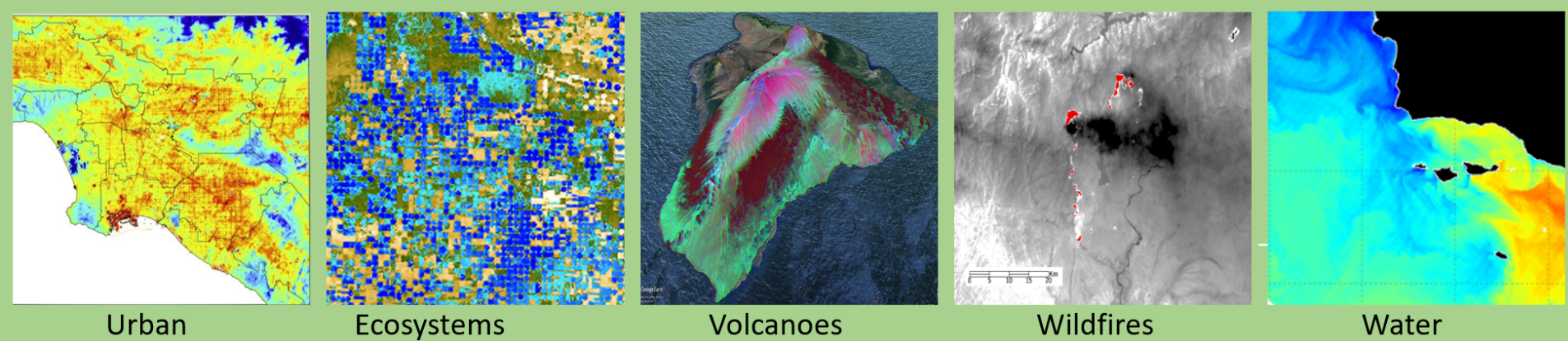




ECOSTRESS Science and Applications Team Meeting

Ventura Beach Marriott, Ventura, CA



Headquarters Update

Woody Turner
Earth Science Division
NASA Headquarters

February 11, 2020

Lessons from ECOSTRESS

- Don't Blink!
 - 7/2014 Selection → 6/2018 Launch → 7/2019 EoPM Review → 4/2020 Senior Review
- Cost = ~\$30M instrument + ~\$30M ISS
- An Earth Venture-Instrument Pathfinder
 - How Do EV-Is Work
 - Capture Lessons Learned!
- Wild Ride: MSU-A → MSU-B → File Streaming (3 bands)
- Applications, etc. with EV-Is
 - 240 Early Adopters
 - Helped Drive Excellent Coordination with LPDAAC
- Current ISS Suite (ECOSTRESS, GEDI, OCO-3, DESIS)
- Keep Telling Our Stories
 - Productive Mission
 - HQ Perception of ECOSTRESS Has Flipped; Keep Sharing Good News!
- ECOSTRESS Science and Applications Team

ECOSTRESS

Science and Applications Team

- Solicitation Added 15 Members
 - 12 Research
 - 3 Applications
- New Day for ECOSTRESS!
- ECOSTRESS Breadth Manifest
 - geothermal, drought stress, C/H₂O fluxes, wildfire, plant water use, improved ET and WUE products, intertidal shellfish, coastal marine biodiversity and land/SST, inland waters and thermal stress, urban heat, public health
- Congratulations
 - 72 Proposals Received
- Applications Projects Paired with ASP Programs
 - Participate in Team Meetings

Surface Biology and Geology (SBG)

- Next Step in High-Resolution Thermal Imaging
- Participate in SBG Working Groups!
 - Algorithms (Townsend, Cawse-Nicholson)
 - Applications (Lee, Luvall, Schollaert Uz)
 - Cal/Val (Turpie, Kokaly)
 - Modeling (Poulter, Serbin, Wang)
- Study Now in Phase 2 Architecture Down-Select Phase
- Participation Is Key as Options Narrow
 - Support Your Community
- Study Goal: Present NASA HQ with 3 Observing System Architectures Early this Fall
- May 27-29: SBG Community Workshop in Pasadena, CA
 - Please join us!

Thank You