Headquarters Update

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NASA Headquarters

August 17, 2021
ECOSTRESS: Steady as She Goes

• Plugging along—and that’s good!
• More time on ISS—also good!
  – JAXA replacement payload is delayed
  – ECOSTRESS now on ISS through September 2023
    • HQ: Funding will be there for this (see Jamie Wicks’ talk tomorrow)
    • Last December, we were talking about ECOSTRESS through FY21, i.e.: next month
• Still, Potential Multispectral TIR Gap?
  – From ECOSTRESS end of life until launch of CNES/ISRO TRISHNA, then SBG, then ESA’s LSTM
• ECOSTRESS is hot!
• Keep those Cards and Letters Coming
  – Share Results with Us
  – Take advantage of ISS instrument synergies
    • EMIT launch next year
    • Eye on SBG and TIR
  – Tell Your Stories!

NASA Tracks Heat Wave Over US Southwest

Jul 15, 2021
• By end of this decade, NASA will put into orbit the Earth System Observatory (ESO) – a single observation system comprised of five core satellite missions and three Earth Explorer missions.
• ESO is the heart of our implementation strategy for the Decadal Survey.
• ESO builds on the capabilities of NASA's 23 operating missions and the 18 in development that make up the program of record.
• Competitively selected Earth Explorer missions will bring innovation and additional key observations to the ESO - the private sector, academic community, and international space agencies will have significant roles in ESO success.
• NISAR serves is the ESO “trailblazer,” addressing one of five core observables, involving substantial international partnership, advancing open source science, and strongly coupling research and applied science.
• OSS makes ESO an observatory
Welcome Mike!

Dr. Michael Obland
Mission Manager for Operating Missions
NASA Earth System Science Pathfinder Program Office (ESSPPO)
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- Have been with NASA for 14 years, primarily as an airborne lidar scientist and project manager
- Joined ESSPPO in December 2020
- Helps NASA HQ manage funding and technical assessments of its Earth science operating missions
Dr. Keith Gaddis
Program Manager for Ecological Forecasting
Program Scientist for Biological Diversity
PS/PAL for ECOSTRESS
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• Have been with NASA for ~5 years, supporting programs and leading interagency/private partnerships
• UCLA PhD in Biology; former AAAS Fellow, Visiting Assistant Professor Texas A&M University, and Peace Corps Volunteer in Mauritania
• Ecologist/Biogeographer using remote sensing/genetics
Thank You!