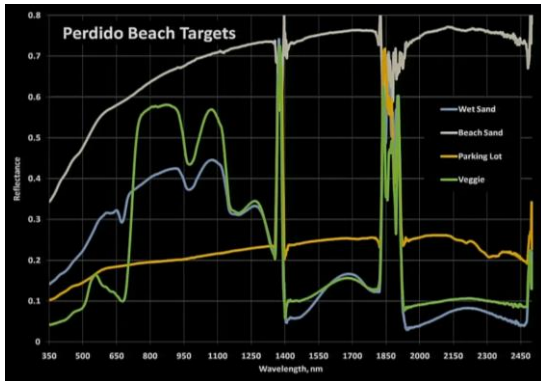


October 5, 2016

## A Terrestrial Tour of Airborne Mapping Spectroscopy at JPL

Mark Helmlinger

JPL



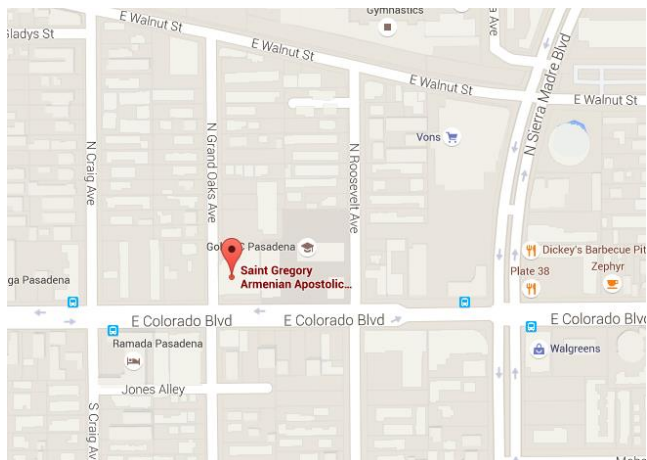
The Airborne Visible / Infrared Imaging Spectrometer (AVIRIS) program has been producing and operating instruments for decades. AVIRIS Classic and now AVIRIS Next Generation continue to fly Terrestrial targets for various NASA-funded PI's. Join our speaker for an inside tour, with stories, pictures, videos and optical demonstrations, of applied mapping spectrometry from the ground up to other planets and moons.



**About our speaker:** Mark Helmlinger received a BS in Physics from the California State Polytechnic University, Pomona, in 1991. While in college, he was consistently employed part-time in the aerospace industry, including consulting for JPL in 1989. From 1991 to 2005, Mark was the calibration and validation field engineer for the Earth Observation System (EOS) Multi-Angle Imaging SpectroRadiometer (MISR) team at JPL. In that capacity he participated in and lead several domestic and international field deployments. From 2005 to 2011, Mark was employed by Northrop Grumman Aerospace Systems, formerly TRW, as an electro-optical calibration engineer. He has also worked for Labsphere, Inc., maker of optical calibration systems, as their worldwide Remote Sensing Systems Development and Marketing Manager. During these gap years, he was brought in part-time by various

JPL projects to help out with on-going fieldwork. Mark returned full-time to JPL in 2012, to augment JPL's Imaging Spectroscopy Group. There he helps calibrate, operate, and develop custom spectral remote sensing instruments made by JPL.

**Wednesday, October 5, 2016**  
**Reception: 6:00; Dinner: 7:00; Talk: 8:00**  
**Cost: \$35. After Oct. 2, \$40.**  
**OSSC Full-Time Student Members: \$10. After Oct. 2, \$20.**  
**Location: St Gregory Armenian Apostolic Church, Yegavian Hall**  
 2215 E. Colorado Blvd., Pasadena, CA 91107  
 On-line Registration: [www.osscc.org](http://www.osscc.org) or  
 Contact: Nick Croglino, [Events@osscc.org](mailto:Events@osscc.org),  
 818-331-4541



**Please post this notice and invite your friends & colleagues to attend!**