

COMET's MetEd Learning Resources: Enhancing Application of New Generation Geostationary and Polar-Orbiting Satellites for the International User Community

Free Internet Access via MetEd

The screenshot shows the MetEd website's search interface. It includes a navigation bar with 'HOME', 'EDUCATION & TRAINING', 'COMMUNITIES', 'RESOURCES', 'ABOUT', and 'MY METED'. Below the navigation bar is a search bar and a 'Lesson/Resource Listing' section. The listing is filtered by 'Topics: Satellite Meteorology' and 'Languages: English'. It shows a list of lessons with details such as '2019 NWS Satellite Applications Workshop', 'GOES-16/JPSS Case Exercise: Monitoring the Rhea Oklahoma Grassland Fire', and 'FORMOSAT-7/COSMIC-2 Satellite System - Next Generation Observations for Weather and Climate'. Each lesson entry includes a thumbnail, title, language, publication date, skill level, completion time, and a rating.

SATELLITE CASE-BASED EXERCISES

This collage features several satellite case-based exercise thumbnails. The exercises include: 'GOES-R Geostationary Lightning Mapper (GLM) North America Examples', 'GOES-16 and S-NPP/JPSS Case Exercise: Hurricane Harvey Surface Flooding', 'GOES-16 Case Exercise: 8 May 2017 Colorado Hail Event', 'GOES-16 GLM Case Exercise: Buenos Aires Tornado and Hail Event', 'JPSS River Ice and Flood Products', and 'GOES-16/JPSS Case Exercise: Monitoring the Rhea Oklahoma Grassland Fire'. Each thumbnail shows a satellite image or a map with overlaid data, and includes a 'Begin Lesson' button.

Learn More!

COMET's Education and Training for the Worldwide Meteorological Satellite User Community: Meeting Evolving Needs with Innovative Instruction

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The screenshot shows an 'Image Comparison Exercise: False vs. True Color RGB Composites' for 26 Oct 2003. It includes a question: 'How your mouse over the image to see both images. On touch screen devices, tap the image to see them both.' Below the question are two satellite images of Los Angeles. The exercise includes multiple-choice questions: 'a) Fires appear on false color images.', 'b) Smoke is less transparent in the true color image.', and 'c) Burn scars are more apparent in the false color image.' There is a 'Done' button at the bottom.

- Describes evolution of 30 years of satellite training at COMET
- Focus on instructional design, interactivity and opportunities for practice, with emphasis on learning retention
- Overview of available resources, US NWS and international applications and reach



GOES-R RESOURCES

This collage features several GOES-R resource thumbnails. It includes: 'Satellite Foundational Course for GOES-R: SatFC-G (SHyMet Full Course Access)', 'GOES-R Satellites Orientation Course', 'GOES-R ABI: Next Generation Satellite Imaging', and 'GOES-R GLM: Introduction to the Geostationary Lightning Mapper'. Each thumbnail shows a satellite image or a map with overlaid data, and includes a 'Begin' button.

JPSS RESOURCES

This collage features several JPSS resource thumbnails. It includes: 'Satellite Foundational Course for JPSS: SatFC-J (SHyMet Full Course Access)', 'JPSS Satellites: Capabilities and Applications Course', 'Introduction to VIIRS Imaging and Applications', and 'Suomi NPP: A New Generation of Environmental Monitoring Satellites'. Each thumbnail shows a satellite image or a map with overlaid data, and includes a 'Begin' button.

MULTISPECTRAL, MICROWAVE AND OTHER SATELLITE RESOURCES

This collage features several multispectral, microwave and other satellite resource thumbnails. It includes: 'MULTISPECTRAL SATELLITE APPLICATIONS: MONITORING THE WILDLAND FIRE CYCLE 2ND ED.', 'Multispectral Satellite Applications: RGB PRODUCTS EXPLAINED', 'Microwave Remote Sensing Topics Distance Learning Course', 'GOES-R Series Multilingual Training Resources', 'Land Surface Analysis: An Introduction to the EUMETSAT LSA-SAF Products', 'Basic Satellite and NWP Integration', 'Satellite Feature Identification: Atmospheric Rivers', and 'Satellite Water Vapour Interpretation Short Course'. Each thumbnail shows a satellite image or a map with overlaid data, and includes a 'Begin' button.

COMET resources are online. Free site registration required. meted.ucar.edu meted.ucar.edu/index_es.htm

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