

National Environmental Satellite,  
Data, and Information Service

AMS 2 Day Short Course



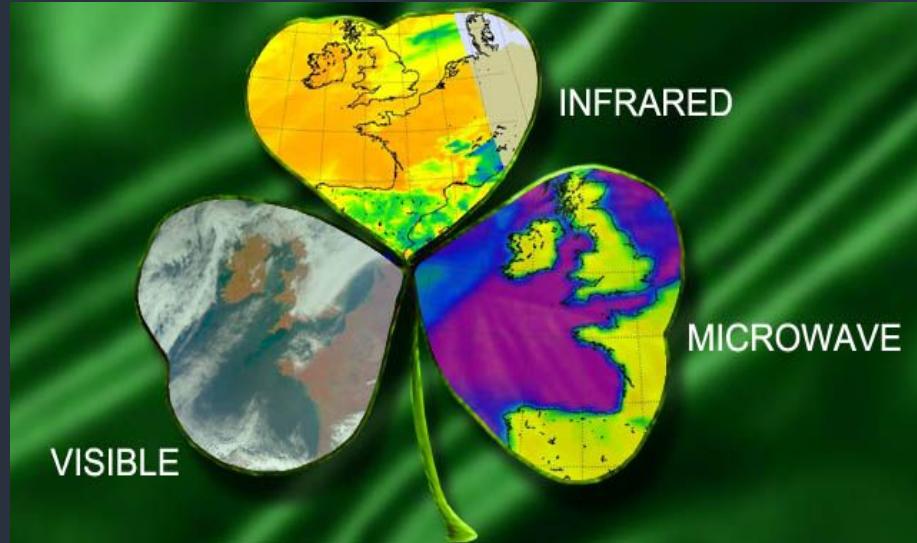
# GOES-R/JPSS HANDS-ON TRAINING TO PROCESS, DISPLAY AND ANALYZE SATELLITE DATA PRODUCTS

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Wednesday, March 17, & Thursday, March 18, 2021

# End of Day 1

- Happy St. Patty's Day



- Prepare for tomorrow
- If you would like to participate in the Python exercises, see the email from Amy Huff (amy.huff@noaa.gov) and/or download the “AMS Python Code” and “Getting Started with Anaconda” from the course website.
- Experience with Python is NOT required.



# DAY 2 AGENDA



## Day 2 - Thursday, 18 March 2021

1100am: Introduction of today's speakers (Sherrie Morris)

1110am: Interactive Session - Using multispectral imagery products to anticipate, detect, and track severe thunderstorms (Bill Line)

1150am: Interactive Session - Using GLM products to anticipate and understand severe thunderstorms (Joseph Patton)

1225pm: 15-minute Break

1240pm: Understanding GOES-16/17 Advanced Baseline Imager (ABI) data files (Amy Huff)

- [Presentation](#)
- [Getting Started with Anaconda \(instructions\)](#)
- [AMS Python Code \(Zip file\)](#)

1255pm: Hands-On Exercise 5: Download ABI data files from AWS using Python (Amy Huff)

110pm: Hands-On Exercise 6: Open and explore the contents of an ABI data file using Python (Amy Huff)

130pm: Break

140pm: Hands-On Exercise 7: Process and visualize ABI data using Python (Amy Huff)

215pm: Closing remarks, Outbrief, and Evaluation (Mitch Goldberg)

230pm: SPECIAL TOPIC (Optional) - Sharing NOAA Data across platforms to Support CA Civil Air Patrol / National Guard via GeoCollaborate (Dave Jones)

300pm: End of Short Course

