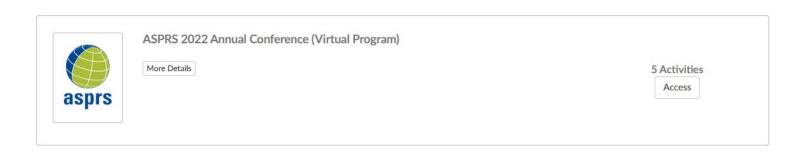


2022 Annual Conference Virtual Technical Program Guide

To access the virtual conference sessions:

Login to MyASPRS at https://my.asprs.org

Navigate to the ASPRS Online Learning Portal: https://asprs.prolearn.io/





Click Start Meeting to access each day's webinar Refer to the detailed schedule in this document for exact start and break times. All times are Eastern Daylight (UTC-4)

Virtual Conference Webinar - Monday 3/21	Start meeting Starts: March 21st 2022, 10:00 am
Virtual Conference Webinar - Tuesday 3/22	Starts: March 22nd 2022, 10:00 am
Virtual Conference Webinar - Wednesday 3/23	Starts: March 23rd 2022, 10:00 am
Virtual Conference Webinar - Thursday 3/24	Starts: March 24th 2022, 10:00 am
Virtual Conference Webinar - Friday 3/25	Start meeting Starts: March 25th 2022, 10:00 am

For the best audio experience, a headset is recommended.

If you experience any difficulties during the week, please contact office@asprs.org

Daily Session Overview

		Monday 3/21	Tuesday, 3/22	Wednesday, 3/23	Thursday, 3/24	Friday 3/25
10:00 AM 10:15 AM 10:30 AM 10:45 AM 11:00 AM 11:15 AM	10:15 AM 10:30 AM 10:45 AM 11:00 AM 11:15 AM 11:30 AM	Advanced Feature Extraction from Remotely Sensed DataSensed Data	Mapping and Monitoring of Forest Vegetation	Advanced Photogrammetric Techniques	Emerging Technologies and Applications in Remote Sensing	Changing Urban Vegetation: Planning and Response
11:30 AM 11:45 AM 12:00 PM 12:15 PM 12:30 PM 12:45 PM	11:45 AM 12:00 PM 12:15 PM 12:30 PM 12:45 PM 1:00 PM	HD Map Specifications For Autonomous Driving	AmericaView Education: Outreach and High Impact Practices	New Airborne and Spaceborne Imaging Sensors	Achieving Diversity, Equity, and Inclusion in the Geospatial Community	Accuracy Standards: Challenges and Opportunities
1:00 PM 1:15 PM 1:30 PM 1:45 PM 2:00 PM	1:00 PM 1:15 PM 1:30 PM 1:45 PM 2:00 PM 2:15 PM	GIS on the Go/The Future of GEOINT and A/I	AmericaView Education: Classrooms, Art, Games, and Lessons	NGS Datum Modernization Program	Mapping and Modeling Changes in Land Features	Quantitative Analysis and Management of Geospatial Data
2:15 PM 2:30 PM 2:30 PM 2:45 PM 3:00 PM 3:15 PM 3:30 PM	2:30 PM 2:45 PM 3:00 PM 3:15 PM 3:30 PM 3:45 PM	Classification of Wetlands and Water Bodies	Focus on Career Development: Spotlight on ASPRS Councils AmericaView Education: Classrooms, Art, Games, and	Integrating Deep Learning	Enhancing Geospatial Analysis And Decision Making With GIS	Mapping and Modeling of Urban Infrastructure
3:45 PM 4:00 PM 4:15 PM 4:30 PM 4:45 PM	4:00 PM 4:15 PM 4:30 PM 4:45 PM 5:00 PM	Ignite-Style Talks	Lessons	Poster Session 1	Poster Session 2	Remote Sensing Applications for Disaster Response And Management

Blue: Oral Presentations

Green: Panel Discussions

Don't Miss Our Vendor Spotlight Sessions!



3D Change Detection using Global Mapper

Monday, March 21

9:30 - 10:00 AM

Click here to register:

https://us02web.zoom.us/webinar/register/WN Vm2kQsheTQS2 KM K-VFNA

Don't Miss Our Vendor Spotlight Sessions!



A Comprehensive Solution to Point Cloud Processing

Tuesday, March 22

9:30 - 10:00 AM

Click here to register:

https://us02web.zoom.us/webinar/register/WN iZJAqCDOQCSI2VpLjAP9aA

Thank you to our Day Sponsor!



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MONDAY, MARCH 21, 2022

10:30 AM - 11:30 AM	ADVANCED FEATURE EXTRACTION FROM REMOTELY SENSED DATA	
10:30 AM - 10:45 AM	Tracking the Godzilla Dust Plume Using Google Earth Engine Platform	Abena Asare-Ansah
10:45 AM - 11:00 AM	Shadow Reclassification in Aerial Imagery by Correlation of Spectral Compositions	Austin Breunig
11:00 AM - 11:15 AM	Application of Remote Sensing to Study the Potential Impact of 2020 Wildfire Events on the Glaciers of Mount Baker, Washington	Shelby Campbell
11:15 AM - 11:30 AM	Unsupervised Change Detection in Optical Satellite Imagery Using SIFT Flow	Bahaa Awad
11:45 AM - 12:45 PM	HD MAP SPECIFICATIONS FOR AUTONOMOUS DRIVING	
	Qassim Abdullah, Moderator	
	Eugene Nikolskiy, RoadAR	
	Robert Hoyler, TomTom	
	Philip Hubertus, Here	
	Gene Roe, Lidar News	
1:00 PM - 2:00 PM	GIS ON THE GO/THE FUTURE OF GEOINT AND A/I	
1.00 FIVI - 2.00 FIVI	Denise Theunissen, Moderator	
	Robert Pitts, New Light Technologies	
	Nobel Files, New Light Technologies Don Widener, BAE Systems	
	but wideler, bat systems	
2:15 PM - 3:45 PM	CLASSIFICATION OF WETLANDS AND WATER BODIES	
2:15 PM - 2:30 PM	Classification of New York State Wetlands Using Spatiotemporal and Textural Features Within Google Earth Engine	Sarina Adeli
2:30 PM - 2:45 PM	Deep and Machine Learning Image Classification of Coastal Wetlands Using UAS Multispectral Images and Lidar Datasets	Ali Gonzalez Perez
2:45 PM - 3:00 PM	Integrated Analysis of Mangrove Changes Using the Mangrove Vegetation Index and Random Forest Classification in Gambia	Chukwuma Okolie
3:00 PM - 3:15 PM	A Study on the Shoreline Changes and Land Use/Land Cover Along the Keta Coastal Zone	Julia Atayi
3:15 PM - 3:30 PM	Deriving Chlorophyll-a Concentration in New York State Lakes from Sentinel-2 images	Sara Akbarnejad Nesheli
3:30 PM - 3:45 PM	Quantifying Wetland Microtopography With Remote Sensing: A Review	Tarini Shukla
4:00 PM - 4:45 PM	IGNITE-STYLE TALKS	
4:00 PM - 4:05 PM	Assessing Red Pine Seedlings Height Using UAV Point Clouds and Field-Verified Data	Abishek Poudel
4:05 PM - 4:10 PM	Extending Manhattan, Euclidean, and Actual Driving Distances into 3D	James Riechel
4:10 PM - 4:15 PM	Extracting Water Bodies in RGB Images with DeepLabV3+ Algorithm	Akula Harika
4:15 PM - 4:20 PM	GeoAl-Based Forecasting of Anthropogenic Harmful Algae Bloom Events Using Sentinel-3 Imagery and Geospatial Open Social Media Data	Chintan Maniyar
4:20 PM - 4:25 PM	Geospatial-Based Land-Use Transition Modeling	Asmamaw Gebrehiwot
4:25 PM - 4:30 PM	Influence of Additional Spectral Bands for Epiphyte Segmentation on DRU-Net	Anjana Menon
4:30 PM - 4:35 PM	Multiple Oil Pad Detection Using Deep Learning	Anish Giri
4:30 PM - 4:35 PM 4:35 PM - 4:40 PM 4:40 PM - 4:45 PM	Multiple Oil Pad Detection Using Deep Learning Remote Multi-Layered Data Collection for Predicting Soil Organic Carbon Stock in Tidal Wetlands Studying Suspended Solids Concentration in the South Chickamauga Creek Using Remote Sensing	Anish Giri Rajneesh Sharma Abigail Faxon



TUESDAY, MARCH 22, 2022

all times shown are UTC-4

10:00 AM - 11:30 AM	MAPPING AND MONITORING OF FOREST VEGETATION	
10:00 AM - 10:15 AM	A Comparative Analysis of Pixel-Based and Object-Based Approaches for Forest Above-Ground Biomass Estimation Using Random Forest	Haifa Tamiminia
10:15 AM - 10:30 AM	Analyzing Open Geospatial Data for Forest Reserves Monitoring In Nigeria	John Ogbodo
10:30 AM - 10:45 AM	Application of Remote Sensing in Monitoring Forest Cover Change and Carbon Dioxide Levels at Kisatchie National Forest	Recheal Armah
10:45 AM - 11:00 AM	Assessing the Land Cover Change Around Bayou Perot – Little Lake, New Orleans Using Sentinel 2 Satellite Imagery	Matilda Anokye
11:00 AM - 11:15 AM	Assessment of Wetland Dynamics and Loss in Terrebone Parish Using Remote Sensing	Caroline Apraku
11:15 AM - 11:30 AM	Monitoring Vegetation Density Using Spectral Vegetation Indices: A Case Study of Malam Jabba Region, District Swat, Pakistan	Syeda Ali
11:45 AM - 12:45 PM	AmericaView EDUCATION: OUTREACH AND HIGH IMPACT PRACTICES	
	Tracy DeLiberty, Moderator	
	Aaron Maxwell, West Virginia University	
	Lindi Quackenbush, SUNY-ESF	
	JC Seong, University of West Georgia	
	JB Sharma,	
	Ramesh Sivanpillai, University of Wyoming	
1:00 PM - 2:00 PM	AmericaView EDUCATION: CLASSROOMS, ART, GAMES, AND LESSONS	
1:00 PM - 2:00 PM	AmericaView EDUCATION: CLASSROOMS, ART, GAMES, AND LESSONS Thomas Mueller, Moderator	
1:00 PM - 2:00 PM	, , ,	
1:00 PM - 2:00 PM	Thomas Mueller, Moderator	
1:00 PM - 2:00 PM	Thomas Mueller, Moderator Peder Nelson, Oregon State University	
1:00 PM - 2:00 PM	Thomas Mueller, Moderator Peder Nelson, Oregon State University Rebecca Dodge, Midwestern State University	
	Thomas Mueller, Moderator Peder Nelson, Oregon State University Rebecca Dodge, Midwestern State University Amy Logan, Iowa State University Selina Lambert, Oregon State University	
2:15 PM - 3:00 PM	Thomas Mueller, Moderator Peder Nelson, Oregon State University Rebecca Dodge, Midwestern State University Amy Logan, Iowa State University Selina Lambert, Oregon State University FOCUS ON CAREER DEVELOPMENT: SPOTLIGHT ON ASPRS COUNCILS	Lauren McKinney Wise
2:15 PM - 3:00 PM 2:15 PM - 2:30 PM	Thomas Mueller, Moderator Peder Nelson, Oregon State University Rebecca Dodge, Midwestern State University Amy Logan, Iowa State University Selina Lambert, Oregon State University FOCUS ON CAREER DEVELOPMENT: SPOTLIGHT ON ASPRS COUNCILS Student Advisory Council	Lauren McKinney-Wise
2:15 PM - 3:00 PM 2:15 PM - 2:30 PM 2:30 PM - 2:40 PM	Thomas Mueller, Moderator Peder Nelson, Oregon State University Rebecca Dodge, Midwestern State University Amy Logan, Iowa State University Selina Lambert, Oregon State University FOCUS ON CAREER DEVELOPMENT: SPOTLIGHT ON ASPRS COUNCILS Student Advisory Council Early Career Professionals Council	Madeline Stewart
2:15 PM - 3:00 PM 2:15 PM - 2:30 PM	Thomas Mueller, Moderator Peder Nelson, Oregon State University Rebecca Dodge, Midwestern State University Amy Logan, Iowa State University Selina Lambert, Oregon State University FOCUS ON CAREER DEVELOPMENT: SPOTLIGHT ON ASPRS COUNCILS Student Advisory Council	,
2:15 PM - 3:00 PM 2:15 PM - 2:30 PM 2:30 PM - 2:40 PM	Thomas Mueller, Moderator Peder Nelson, Oregon State University Rebecca Dodge, Midwestern State University Amy Logan, Iowa State University Selina Lambert, Oregon State University FOCUS ON CAREER DEVELOPMENT: SPOTLIGHT ON ASPRS COUNCILS Student Advisory Council Early Career Professionals Council	Madeline Stewart
2:15 PM - 3:00 PM 2:15 PM - 2:30 PM 2:30 PM - 2:40 PM 2:40 PM - 2:50 PM	Thomas Mueller, Moderator Peder Nelson, Oregon State University Rebecca Dodge, Midwestern State University Amy Logan, Iowa State University Selina Lambert, Oregon State University FOCUS ON CAREER DEVELOPMENT: SPOTLIGHT ON ASPRS COUNCILS Student Advisory Council Early Career Professionals Council Sustaining Members Council	Madeline Stewart

Monica Rajkumar, Florida Atlantic University

Sara Courter, Woolpert, Inc. Lorraine Amenda, Towill, Inc. Joe Cantz, CT Consultants



WEDNESDAY, MARCH 23, 2022

10:00 AM - 11:30 AM	ADVANCED PHOTOGRAMMETRIC TECHNIQUES	
10:00 AM - 10:15 AM	Study on the Positional Distribution Pattern Among Candidate Homologous Pixels for Aerial Multi-View Image Matching	Ka Zhang
10:15 AM - 10:30 AM	System for 3D Reconstruction Implemented With Simultaneous Localization and Mapping With Single Camera	Duhsko Murtovski
10:30 AM - 10:45 AM	Range-Based Network Formation to Support Georeferencing of Mapping Swarm Platforms	Andras Ladai
10:45 AM - 11:00 AM	Orthorectification of Strip Imagery in ERDAS Imagine Compared to ArcGIS Pro Ortho Workspace	Carey Johnston
		,
11:00 AM - 11:15 AM	Feature Matching Enhancement Using the Graph Neural Network (GNN-RANSAC)	Abdelgwad Elashry
11:15 AM - 11:30 AM	Evaluation of Unmanned Aircraft Systems for Crash Reconstructions During Suboptimal Environmental Conditions	Michael Starek
11.45.004 12.45.004	NEW AIRPORNE AND CRAFFORNE MAKEING CENTORS	
11:45 AM - 12:45 PM	NEW AIRBORNE AND SPACEBORNE IMAGING SENSORS Gragony Stonesas Maderator	
	Gregory Stensaas, Moderator John Dombzalski, Maxar	
	Tara O'Shea, Planet	
	Malek Singer, Teledyne	
	John Welter, Hexagon	
	Lance Brady, USGS	
	Jon Christopherson, USGS	
1:00 PM - 2:00 PM	NGS DATUM MODERNIZATION PROGRAM	
	Qassim Abdullah, Moderator	
	Dru Smith, NOAA	
	Barry Miller, USGS	
	Hope Morgan, AECOM	
2:15 PM - 3:30 PM	INTEGRATING DEEP LEARNING	
2:15 PM - 2:30 PM	A Comparative Study for Building Segmentation in Remote Sensing Images Using Deep Networks	Bahaa Awad
2:30 PM - 2:45 PM	Best Practices for Accuracy Assessment of Thematic Products Generated using CNN-Based Deep Learning	Aaron Maxwell
2:45 PM - 3:00 PM	Breaking the Bottleneck: Best Practices in Building Training Data in DoD Pathfinder Programs	Dave Cook
3:00 PM - 3:15 PM	Building Change Detection Using High-Resolution Remote Sensing Images With Self-Attention Knowledge Distillation and Multiscale Change-Aware Module	Yuan Lie
3:15 PM - 3:30 PM	Artificial Intelligence Combined With Remote Sensing Increases Drafting Efficiency for Surveying and Mapping	Adam Kersnowski
4:00 PM - 5:05 PM	POSTER SESSION 1	
4:00 PM - 4:05 PM	A Multimodel Method for Estimating Leaf Nitrogen in Maize for In-Season Crop Nitrogen Management	Shilpi Verma
4:05 PM - 4:10 PM	Application of Geospatial Technology to Map the Potential Locations of Chert in the Daniel Boone National Forest, Kentucky	Hannah Bowman
4:10 PM - 4:15 PM	Assessing the Accuracy of Georeferenced Point Clouds from UAS Imagery	Sheng Tan
4:15 PM - 4:20 PM	Collaborative Navigation of Unmanned Ground Vehicles via Reinforcement Learning	Yuci Han
4:20 PM - 4:25 PM	Deep Learning for Strawberry Canopy Delineation and Biomass Prediction from High-Resolution Images	Caiwang Zheng
4:25 PM - 4:30 PM	Integrating Maps and Images for GPS-Denied UAV Geolocalization	Jianli Wei
4:30 PM - 4:35 PM	Development of Geospatial Information Integrated with Big Data for Agricultural Hazard Monitoring in West Jawa	Riantini Virtriana
4:35 PM - 4:40 PM	Development of the Settlement Areas Suitability Modeling in East Kalimantan to Prepare Candidates for the New National Capital	Tania Anggraini
4:40 PM - 4:45 PM	Dynamic Indoor Worker Navigation for Nuclear Power Plants	Pouyan Boreshnavard
4:45 PM - 4:50 PM	Dzaleka Refugee Camp Watershed	Iyanu Gbiri
4:50 PM - 4:55 PM	Evaluating the Performance of NDSSI, NDTI, and NSMI in the Tennessee River Using Ground Measurements of Turbidity	Braxton Anzalone
4:55 PM - 5:00 PM	Evaluating the Role of Calibration Plot Design and Data Quality in Creating Enhanced Forest Inventories in Maine	Stephanie Willsey
		•



THURSDAY, MARCH 24, 2022

10:00 AM - 11:30 AM	EMERGING TECHNOLOGIES AND APPLICATIONS IN REMOTE SENSING	
10:00 AM - 10:15 AM	Land Use/Land Cover Mapping using UAS Imagery: Scene Classification and Semantic Segmentation	Monica Rajkumar
10:15 AM - 10:30 AM	Comparison of the Capabilities of Landsat-9 and PRISMA Satellite Data for Land Use / Land Cover Classification	Aylin Tuzcu Kokal
10:30 AM - 10:45 AM	Deep Learning Detects Invasive Plant Species Across Complex Natural Landscapes Using Satellite Imagery	Thomas Lake
10:45 AM - 11:00 AM	UAV-Based Image/Lidar Data Fusion Using a Deep Convolutional Neural Network for Land Cover Classification	Ahmed Elamin
11:00 AM - 11:15 AM	Detection of Clouds in Medium and High-Resolution Satellite Imagery Using Deep Convolutional Neural Nets	Amit Hasan
11:15 AM - 11:30 AM	Unmanned Aerial Vehicle (UAV) Imagery-Based Traffic Volume Study	Tewodros Gebre
44.4F ABA 42.4F DBA	ACHIEVANC DIVERGETY FORIETY AND INCLUSION IN THE CEOCRATIAL COMMUNITY	
11:45 AM - 12:45 PM	ACHIEVING DIVERSITY, EQUITY, AND INCLUSION IN THE GEOSPATIAL COMMUNITY	
	Amanda Aragon, University of Georgia Kate Schaefer, NGA	
	Bobbi Lenczowski, NGA-Retired	
	Jason San Souci	
	Nadine Alameh, OGC	
1:00 PM - 1:45 PM	MAPPING AND MODELING CHANGES IN LAND FEATURES	
1:00 PM - 1:15 PM	Automated Recognition of Permafrost Disturbances Using High-spatial Resolution Satellite Imagery and Deep Learning Models	Mahendra Udawalpola
1:15 PM - 1:30 PM	Impact of Coal Mining, Thermal Plants, Anthropogenic Activities on Wildlife Corridors for National Parks and Wildlife Sanctuaries	Abhinav Galodha
1:30 PM - 1:45 PM	The Sentinel GreenReport Application Using Google Earth Engine	Chen Liang
2.45 004 2.20 004	FAULANCING CEOCRATIAN ANALYSIS AND DESISION MARVING WITH SIS	
2:15 PM - 3:30 PM	ENHANCING GEOSPATIAL ANALYSIS AND DECISION MAKING WITH GIS	Aurin Managed Faunti
2:15 PM - 2:30 PM	Evaluating Opioid Crisis Resource Inequality in Milwaukee, WI	Amir Masoud Forati
2:30 PM - 2:45 PM	Social Determinants of Learning: Geospatial Considerations	Sri Banerjee
2:45 PM - 3:00 PM	Spatial Modeling of Multi-Scenario Optimal Solar PV Power Plant Distribution to Support Indonesia's Clean Energy Achievement	Kalingga Ihsan
3:00 PM - 3:15 PM	Developing a Web Map to Characterize the Ecological and Social Impacts of Dam Removal	Jason Parent
4:00 PM - 5:00 PM	POSTER SESSION 2	
4:00 PM - 4:05 PM	Glacial Lake Kalapuya - Oregon's Northern Willamette Valley Inundated by Ice-Age Floodwaters from Glacial Lake Missoula	Peter Samson
4:05 PM - 4:10 PM	Hessian Matrix Optimization Strategies for Multidimensional Spatial Data	Bruce Blundell
4:10 PM - 4:15 PM	Investigating the Potential of PlanetScope Imagery to Study Suspended Sediment Concentration in the Tennessee River	Connor Firat
4:15 PM - 4:20 PM	Multi-Scenario Spatial Modeling of Health Facilities Development to Support the Achievement of Universal Health Coverage	Tania Anggraini
4:20 PM - 4:25 PM	Operation Recommendations for UAS Photo-Bathymetry Techniques in Shallow Coastal Water	Larissa Marques Freguete
4:25 PM - 4:30 PM	Performance Evaluation of Building Façade Reconstruction from UAS Imagery	Sheng Tan
4:30 PM - 4:35 PM	Potential Impact of Ground Water Depletion on Vegetation in the Mississippi Delta Using GRACE and MODIS NDVI Data	Sean Jones
4:35 PM - 4:40 PM	Rocky Mountain Way: Best Markets for Live Music in the Rockies	Marty Marquis
4:40 PM - 4:45 PM	SA-Net.v2: Real-Time Vehicle Detection from Oblique UAV Images with Use of Uncertainty Estimation in Deep Meta-Learning	Mehdi Khoshboresh-Masouleh
4:45 PM - 4:50 PM	Spatial-Temporal Deformations of the Lower Apalachicola River	Ali Alruzug
4:50 PM - 4:55 PM	Spatial–Temporal Analysis of Snowpack on the Rocky Mountains Using GIS	Matthew Mollica
4:55 PM - 5:00 PM	A GIS-Based DRASTIC model for Assessing Groundwater Vulnerability: A Case Study of Lahore	Rabia Munsaf Khan



FRIDAY, MARCH 25, 2022

10:30 AM - 11:30 AN	CHANGING URBAN VEGETATION: PLANNING AND RESPONSE	
10:30 AM - 10:45 AN	Analyzing Impacts of Land Cover Changes on Land Surface Temperature in Bay Area, California	Indumathi Jeyachandran
10:45 AM - 11:00 AN	Investigating Seasonal Variation of Urban Heat Island Effect in the City of Chattanooga, TN Using Remote Sensing	A.K.M. Hossain
11:00 AM - 11:15 AN	Prediction of Population Distribution in 2030 Using Integration of CA-ANN Land Cover Change Method with Numeric Extrapolation	Kalingga Ihsan
11:15 AM - 11:30 AN	Tangible Geospatial Solutions for Planning Green Spaces in Undervalued Neighborhoods in Metro Atlanta	Amanda Aragon
11:45 AM - 12:45 PM		
	Qassim Abdullah, Moderator	
	Milena Janiec, USGS	
	Mike Zoltek, GPI Geospatial, Inc.	
1:00 PM - 2:30 PM	QUANTITATIVE ANALYSIS AND MANAGEMENT OF GEOSPATIAL DATA	
1:00 PM - 1:15 PM	Data Comparison and Applications of UAV - Drone Imagery Based Point Clouds vs. UAS Lidar Point Clouds	Jennifer Triana
1:15 PM - 1:30 PM	Accuracy Assessment of Low-Cost Lidar Scanners: VELODYNE® HDL-32E AND LIVOX® MID-40	Carter Kelly
1:30 PM - 1:45 PM	Web Service for Browsing USGS Photo Archives	Cody Benkelman
1:45 PM - 2:00 PM	Orthorectification of 1968 Aerial Photography Covering Glacier National Park	Cody Benkelman
2:00 PM - 2:15 PM	Communicating Building Blocks of Lifelong Learners for Earth Science Applications	Arif Albayrak
2:15 PM - 2:30 PM	Blur Kernel's Effect on Performance of Single-Frame Super-Resolution Algorithms for Spatially Enhancing Hyperion and PRISMA Data	Kavach Mishra
2.45 DN4 4.00 DN4	MAPPING AND MODELING OF URBAN INFRASTRUCTURE	
2:45 PM - 4:00 PM 2:45 PM - 3:00 PM		Durge Jeshi
2:45 PM - 3:00 PM 3:00 PM - 3:15 PM	Roadside Forest Modelling Using Dashcam Videos and Convolutional Neural Nets	Durga Joshi
	Geospatial Modeling of Roadside Vegetation Risk on Distribution Power Lines in Connecticut	Harshana Wedagedara
3:15 PM - 3:30 PM	Spatio-Temporal Analysis of Chattanooga, TN's Urban Forest from 1984 – 2021 Using Remote Sensing	William Stuart
3:30 PM - 3:45 PM	Teaching Remote Sensing Fundamentals with Campus Drone Mapping and GPS Post-Processing	Jeong Seong
3:45 PM - 4:00 PM	A Historical Perspective of UAS Monitoring for Campus Facilities and Geoinformatics at Texas A&M University-Corpus Christi	Pratikshya Regmi
4:15 PM - 5:00 PM	REMOTE SENSING APPLICATIONS FOR DISASTER RESPONSE AND MANAGEMENT	
4:15 PM - 4:30 PM	Watershed PMP Estimation Using IMERG Precipitation Dataset	Kenneth Ekpetere
4:30 PM - 4:45 PM	Stakeholder Engagement to Disseminate Flood Severity, Inundation and Critical Infrastructure Exposure Information for Mitigation	Shubharoop Ghosh
4:45 PM - 5:00 PM	Remote Sensing of Volcanic Eruption Characteristics in the Galapagos Islands	Will Bordash

