



Environment & Natural Resources Sessions and Activities

The Esri User Conference has many presentations and activities with hundreds of topics covered. To help you find your way to the environment and natural resources sessions and events, we have prepared a more focused agenda.

Plenary Sessions

Monday, July 12 8:30 AM–12:00 PM PDT
 Tuesday, July 13 8:30 AM–10:00 AM PDT

Virtual Info Desk

If you have any general questions during the event, please visit the Virtual Info Desk, located in the main navigation of the event platform.

Environment and Natural Resources Sessions

Monday, July 12

3:00 PM Living Atlas: Livefeeds Maps and Workflows for Disaster Response

Tuesday, July 13

1:00 PM ArcGIS Solutions for Conservation and Natural Resources: An Overview

2:15 PM Living Atlas: Environmental Content, Mapping, and Analysis Workflows

Wednesday, July 14

12:30 PM Enabling Conservation Planning with GIS: A Vision for 30 by 30

Thursday, July 15

9:15 AM Natural Resources and Environment Special Interest Group Meeting

Industry Focused User Presentations

Available starting Sunday, July 11 at 9:00am PDT

ON-DEMAND	Combating Agricultural Drought in the Netherlands with Satellite GIS Data	Agriculture
ON-DEMAND	How to Create Conservation Plan Maps in 3D Using LiDAR and Imagery and AGOL	Agriculture
ON-DEMAND	Mapping Coffee and Carbon in the Time of COVID-19	Agriculture
ON-DEMAND	Mapping Horticulture Tree Crops in Australia	Agriculture
ON-DEMAND	Mapping of Possible Expansion Areas of SOYA in Paraguay According to the RTRS Guide	Agriculture
ON-DEMAND	Modernized Data Management for Fruit Fly Eradication Programs in Florida	Agriculture
ON-DEMAND	Sweet and Sustainable: Using GIS to Prevent Future Cocoa-related Deforestation	Agriculture
ON-DEMAND	The Global Agriculture & Disaster Assessment System (GADAS) powered by Esri	Agriculture
ON-DEMAND	IMF's New Climate Change Indicators Dashboard	Climate Change
ON-DEMAND	Assessment of Urbanization & Urban Heat Island Intensities Using Landsat Imageries	Climate Change
ON-DEMAND	Coastal Septic System Vulnerability Due to Sea Level Rise in North Carolina	Climate Change
ON-DEMAND	Deploying Guyana's National Forest Monitoring Platform	Climate Change
ON-DEMAND	Mapping the Story of Sunrise Movement Los Angeles	Climate Change
ON-DEMAND	Making Conservation Data Operational	Conservation
ON-DEMAND	A New Approach for Visualizing Biodiversity in Europe	Conservation
ON-DEMAND	An Enterprise Toolkit for Conserving New Zealand	Conservation
ON-DEMAND	Best Practices for Biodiversity Mapping and Analytics	Conservation
ON-DEMAND	Building Partnerships for Landscape Level Conservation	Conservation
ON-DEMAND	Finding the Balance for Off-Road Vehicle Use	Conservation
ON-DEMAND	Innovation for Animal Welfare and Saving Wild Birds	Conservation

ON-DEMAND	Natural Climate Solutions for Colombia	Conservation
ON-DEMAND	Restoring the World's Forests	Conservation
ON-DEMAND	Understanding Bird Migration with Enterprise GIS	Conservation
ON-DEMAND	Visualizing and Monitoring Global Biodiversity	Conservation
ON-DEMAND	Crowdsourced Flood Monitoring and Applications for Inundation Model Validation	Environmental & Natural Resources Management
ON-DEMAND	Department of Energy Office of Legacy Management Enterprise Geospatial Implementation Program	Environmental & Natural Resources Management
ON-DEMAND	Detecting the Invisible: AI-Based Wetland Mapping	Environmental & Natural Resources Management
ON-DEMAND	Implementation of a Regional Lead-in-Soil Environmental Investigation	Environmental & Natural Resources Management
ON-DEMAND	New Jersey Department of Environmental Protection Leverages Web GIS to Improve Communication with Stakeholders	Environmental & Natural Resources Management
ON-DEMAND	Underground Storage Tank Finder: EPA's National Map of Underground Storage Tanks and Releases	Environmental & Natural Resources Management
ON-DEMAND	Using Suitability Modeling to Save Access to Rock Climbing Areas	Environmental & Natural Resources Management
ON-DEMAND	Utilizing Survey123 and Dashboards for Environmental and HAZMAT Investigations	Environmental & Natural Resources Management
ON-DEMAND	CalEnviroScreen 4.0: Cumulative Impacts and Community Engagement	Equity & Social Justice
ON-DEMAND	Analyzing Environmental Inequity in Dallas-Fort Worth Metroplex School District	Equity & Social Justice
ON-DEMAND	Communicating Spatial Aspects of Endangered Species Pesticide Risk Assessment	Fisheries & Wildlife Management
ON-DEMAND	Utilizing Esri Field Applications for Salmon and Steelhead Monitoring	Fisheries & Wildlife Management
ON-DEMAND	Authoritative Forest Inventory Data Products for the Contiguous United States	Forestry
ON-DEMAND	Boundary Agnostic Data in a Shared Stewardship World	Forestry
ON-DEMAND	Developing Workflows for Large-Scale Cloud Analytics of Forest Inventory Data	Forestry
ON-DEMAND	Mapping the Stratification and Accuracy of Vegetation Classes in Miombo Forest	Forestry
ON-DEMAND	Using Satellite Imagery for Early Tracking and Detection	Forestry
ON-DEMAND	Engaging Anglers and Managing Ponds with ArcGIS Hub and Operations Dashboard	Parks Management
ON-DEMAND	Managing Park & Ecological Assets in GIS for Small Conservation-Based Non-Profits	Parks Management
ON-DEMAND	A National Tool for Creating Equitable Park Systems	Planning
ON-DEMAND	Growing Equitable Tree Canopy: Austin's Community Tree Priority Map	Planning

Technical Workshops

Monday, July 12

12:30 PM	ArcGIS Field Maps: An Introduction & What's New
12:30 PM	ArcGIS Enterprise: Getting Started
12:30 PM	Living Atlas: An Introduction
1:45 PM	ArcGIS Field Maps: Migrating to Field Maps
1:45 PM	ArcGIS Insights: An Introduction
1:45 PM	ArcGIS Spatial Analyst: Solving Real-World Problems
1:45 PM	Living Atlas: Policy Mapping
3:00 PM	ArcGIS Experience Builder: An Introduction
3:00 PM	ArcGIS Survey123: An Introduction and What's New

Tuesday, July 13

7:15 AM	ArcGIS Hub: An Introduction
7:15 AM	ArcGIS Insights: Interactive Data Science and Analytics
7:15 AM	ArcGIS QuickCapture: An Introduction and What's New
7:15 AM	ArcGIS Survey123: An Introduction to Reports
7:15 AM	ArcGIS Velocity: An Introduction

11:45 AM	ArcGIS Survey123: Working with Online Surveys
11:45 AM	Living Atlas: Imagery and Elevation
11:45 AM	Imagery in ArcGIS: What's New
1:00 PM	ArcGIS Enterprise: Designing Sites and Pages
2:15 PM	ArcGIS Field Maps: Data Collection & Inspection Workflows
2:15 PM	ArcGIS Solutions for Local and State Government: An Overview
2:15 PM	Imagery in ArcGIS: Working with Time Series Data

Wednesday, July 14

7:30 AM	ArcGIS 2021: Technology Advances and RoadMap
7:30 AM	ArcGIS Enterprise: Administering Your Deployment
7:30 AM	ArcGIS Dashboards: Designing Effective Dashboards
7:30 AM	ArcGIS Field Maps: Creating and Using Smart Forms
7:30 AM	ArcGIS GeoAnalytics:Spatiotemporal Analysis of Big Vector Data
7:30 AM	ArcGIS Velocity: Real-Time and Big Data Analytics
7:30 AM	ArcGIS StoryMaps: What's New and What's Coming
10:00 AM	Big Data, Spatial Analytics and Machine Learning: Workflows and Applications
10:00 AM	Drone Imagery: Creating Orthomosaics, DEMS and 3D Mesh
10:00 AM	ArcGIS Field Apps: The Road Ahead
11:15 AM	Spatial Data Science: What's New in Time Series Analysis
11:15 AM	ArcGIS Field Apps: Q&A with the Product Teams
12:30 PM	ArcGIS Field Maps: Location Tracking
12:30 PM	ArcGIS Hub: Managing and Collaborating with Your Community
12:30 PM	ArcGIS Survey123: Field Data Collection with Smart Forms
1:45 PM	Distributed Collaboration: Editing Across Environments
1:45 PM	ArcGIS Field Maps: Taking Your Maps Offline

Special Interest Group Meetings

Thursday, July 15

6:45 AM	Conservation
6:45 AM	Women and GIS
8:00 AM	AEC: Environmental Consulting and Management
8:00 AM	Non-Profit and NGO
8:00 AM	Using GIS to Operationalize Racial Equity & Social Justice
9:15 AM	Natural Resources and Environment
10:30 AM	GIS for Equity & Social Justice
10:30 AM	Agriculture
10:30 AM	Water Resources
10:30 AM	Wildfire
1:00 PM	Ecos Sustainability and Environmental Justice
1:00 PM	Sustainable Development Goals
2:15 PM	Forestry
2:15 PM	Ocean, Weather, and Climate
3:30 PM	Renewable Energy