DOTs and Infrastructure Panel

UAS deployed for roads, bridges and tunnels are realizing increased value, from fault detection to asset management. But what does it take to successfully integrate a UAV program into a government agency? In-depth content in this workshop will provide practical knowledge for developing policy and guidelines for UAV programs.
DOTs and Infrastructure – Integration

Moderator – Shayne Gill, AASHTO

Speakers –
• Troy LaRue, Division Operations Manager, Statewide Aviation, Alaska Department of Transportation
• Bob Maguire, Aviation UAS Program Manager, Georgia Department of Transportation
• Adam Smith, Certified Photogrammetrist, Minnesota Department of Transportation
• Glenn Stott, UAS Program Manager, New Jersey Department of Transportation
• Darshan Divakaran, UAS Program Engineer, North Carolina Department of Transportation
• Paul Wheeler, Lead UAS Coordinator\Technology Advancement Specialist, Utah Department of Transportation
Topics Covered -

• Setting up a UAV Program
• Acquiring Federal Grants
• Training: Best Practices
• UAS for Hurricane Response & Infrastructure
• NC USIPP
• UAS Programs: Working with Other Agencies
• Surveying & Mapping;
• Integrating, Managing, Sharing Data (esp. GIS)
• Obtaining Buy-in and Support
• BVLOS for pipeline inspection
• UAS for Environment, Wildlife, Landslides
DOTs and Infrastructure – National Initiatives

Moderator – Darshan Divakaran, NCDOT

Speakers –
• Shane Gill, Program Director for Multimodal Transportation, AASHTO
• Earl Lawrence, Executive Director, Unmanned Aircraft Systems Integration Office - Federal Aviation Administration
• Connie Yew, Team Leader, Construction Management, Federal Highway Administration
Key Takeaways –

- Attendees got an opportunity to interact firsthand with state DOTs, AASHTO and FHWA.
- UAS companies and service providers got a more in-depth understanding of how DOTs operate and how they can collaborate in the future.
- Started discussions with UAS rule makers and industry that will benefit DOTs, AASHTO & FHWA in the future.
- Opportunities for DOTs to know more about how the FHWA & AASHTO initiatives can help them with UAS programs.
- Opportunities for other DOTs that have just started their program to learn from established DOTs.
- DOTs, AASHTO & FHWA need to participate in similar conferences and workshops to learn and collaborate more on the UAS side.
- Future opportunities to collaborate with other countries and their agencies.
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