



Office of the Assistant Secretary for Research and Technology

Research Roundup

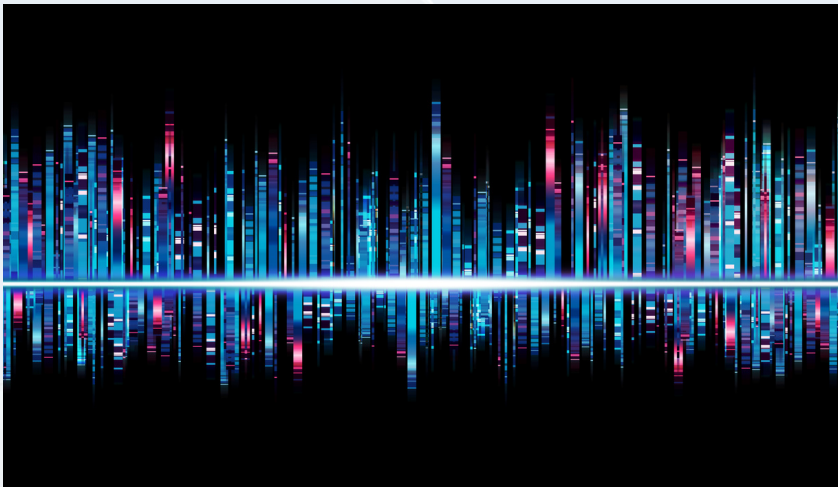
December 2023

WHITE HOUSE ISSUES NATIONAL SPECTRUM STRATEGY

November 13, the Biden-Harris Administration issued a landmark National Spectrum Strategy and a related Presidential Memorandum. The NSS lays out new actions to improve spectrum management and spectrum access and for ensuring that spectrum policy advances U.S. innovation, economic vitality and security.

ICYMI

November 15, the U.S. Global Change Research Program (USGCRP) announced the **release of the Fifth National Climate Assessment (NCA5)**. The NCA5 evaluates climate impacts across the U.S. in areas such as water, forests, energy and transportation, to provide a comprehensive analysis of the state of climate change in the U.S.



DOT BY THE NUMBERS

Transportation costs in October 2023 were down 0.9% from September 2023 but up 0.8% from October 2022. Transportation contributed 2.7% to overall 3.2% year-over-year increase in prices, per the Consumer Price Index (CPI).



UP, UP AND AWAY

November 30, the Volpe Center in partnership with the Federal Aviation Administration (FAA) launched its next **Thought Leadership Series: Up, Up, and Away: Innovations in Advanced Air Mobility**. Guest speakers included Under Secretary Carlos Monje, DAS Robert C. Hampshire, FAA Deputy Administrator Katie Thomson, FAA Assistant Administrator Laurence Wildgoose, and Elan Head, Senior Editor at *The Air Current*. The seven part series will run through February 2024.

Find us online:

www.transportation.gov/ost-r/roundup

UPCOMING

Explore upcoming webinars, conferences and opportunities from OST-R program offices

- **[FY22/23 Rural Automated Vehicle \(RAV\) NOFO](#)**: \$25 million for two cooperative agreements to work with rural communities to address the challenges of bringing the benefits of highly automated and autonomous technologies to rural Americans. **Closes March 13, 2024**
- **[Transportation Research Board Annual Meeting](#)**: OST-R leaders and staff will participate in multiple sessions, workshops and committee meetings at the 103rd TRB Annual Meeting, in Washington, DC, **January 7-11**.
- **[Saving Lives with Connectivity: Accelerating V2X Deployment NOFO](#)**: \$40 million to advance connected and interoperable vehicle technologies. **Closes January 17**.
- **[Fifth National Climate Assessment \(NCA5\) Webinar Series](#)**: Starting November 27, U.S. Global Change Research Program (USGCRP) is hosting a series of webinars on each chapter of the NCA5 with chapter authors. The **February 21** webinar, *Chapter 13 – Transportation* will feature researchers from several USDOT UTCs including UC Davis, the Mineta Transportation Institute and the Texas A&M Transportation Institute.

NOTEWORTHY

- **[Region 8 UTC Selection](#)**: [The University Transportation Center program](#) has selected **North Dakota State University as the Region 8 UTC** after a recompetite period. North Dakota State is the 35th UTC and will receive \$15 million over 5 years.
- **[Via FAA's blog Cleared for Takeoff](#)**: The Volpe Center in conjunction with FAA is developing a new **[Airport Resiliency Analysis Framework \(ARAF\)](#)** tool--collaborating with cities such as Tampa, Philadelphia, Seattle and San Diego to make airports more resilient to severe weather.
- **[In the media](#)**: Intelligent Transportation Systems Joint Program Office (ITS JPO) has **[launched a new map feature](#)** for visualizing the locations of ITS benefits, costs, and lessons learned.

UTC CORNER

The UTC program has a [full library of past webinars available from our university partners on YouTube](#).

[Upcoming webinar topics include](#): *Developing AI Driven Safe Navigation Tool (12/5)* and *Measuring the Safety of ADS (1/25)*.

TRB 2024

[Find all OST-R programming at TRB on our 2024 microsite!](#)

View and download OST workshop and lecture schedules, policy sessions, maps and video presentations at **OST-R @ TRB 2024**



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