

## **Integrated Trends Analysis Team (ITAT) Meeting**

Wednesday, July 26, 2023  
10:00 AM – 12:00 PM

Join by Webinar  
Meeting Number: 2624 525 3944

**Password:** Yf2RrpmTa32

<https://umces.webex.com/umces/j.php?MTID=mbe09d4b75e86fce34305dff323ca51c7>

Or join by phone

Conference Line: +1-408-418-9388 Access code: 2624 525 3944

Meeting Materials: [Link](#)

*This meeting will be recorded for internal use only to assure the accuracy of meeting notes.*

### **AGENDA**

**10:00 – 10:10 Welcome – Kaylyn Gootman (EPA) and Breck Sullivan (USGS)**

#### **Announcements –**

- Introducing Anoosh Tauqir, the C-StREAM fellow working with us this summer on creating a story map template for the tributary summaries and other related tasks.
- Joint ITAT-Factors Team Retreat on October 25th from 10am to 3pm. Location has yet to be determined.
- PRISM data has been approved in a data release, which will allow the tributary summary climate change section to move forward.

#### **Upcoming Conferences, Meetings, Workshops and Webinars**

- [Chesapeake Studies Conference](#) – September 15-16, 2023, Salisbury University, Salisbury, MD.
- [Potomac Conference](#) – September 21, 2023, Lorton, VA.
- [Virginia Water Monitoring Conference](#) – September 26, 2023, Henrico, VA.
- [Chesapeake Watershed Forum](#) – November 3-5, 2023, Shepherdstown, VA. Session proposals were due June 11. Poster proposals are due July 28.
- [CERF 2023 Conference: Resilience & Recovery](#) – November 12-16, 2023, Portland, Oregon. [Abstracts](#) were due May 10, 2023.
- [National Conference on Ecosystem Restoration](#) – April 14-19, 2024, Albuquerque, New Mexico. [Abstracts](#) are due September 1, 2023.

**10:10 – 11:00 Connecting the SPARROW Model to Social Science – Andrew Sekellick (USGS), Tristan Mohs (USGS), Leah Staub (USGS)**

An increase in environmental impacts on vulnerable communities may be expected due to enduring historical influences, present-day challenges, and anticipated future effects from climate change. An initial analysis of an existing SPAtially Referenced Regression On Watershed attributes (SPARROW) water quality model and the Centers for Disease Control social vulnerability index (SVI) suggest a possible relationship between predicted in-stream nutrient loads and SVI risk factors. This work demonstrates that the USGS can use existing tools and data to address environmental justice issues. The presenters will discuss this work.

**11:00 – 11:50 Impacts and uncertainties of climate-induced changes in watershed inputs on estuarine hypoxia – Kyle Hinson (Pacific Northwest National Laboratory)**

Kyle will present on work from his recent paper "[Impacts and uncertainties of climate-induced changes in watershed inputs on estuarine hypoxia](#)." There will be time for discussion following the presentation.

**11:50 – 12:00 Poll for Future ITAT Meeting Topics – Alex Gunnerson (CRC)**

Alex will solicit input from ITAT members on potential agenda items for future ITAT meetings.

**12:00 Adjourn**

**Next Meeting: Wednesday, August 23, 2023**