

NSF Spatiotemporal Innovation Center



April 2022 Monthly Newsletter

Edited by Seren Smith & Leslie Hunt

Content provided by Hanchen Yu, Kim Junghwan, Phil Yang, Wendy Guan, Devika Jain, Shyra Lagarde

Designed Yun Li, Ziyue Xu, & Seren Smith

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MAY 2022 IAB MEETING

The IUCRC for Spatiotemporal Thinking, Computing and Applications (a.k.a. NSF Spatiotemporal Innovation Center) holds its 17th semi-annual Industrial Advisory Board meeting in a hybrid fashion on May 11, 2022 due to the outbreak of COVID-19. More information regarding this event will be on page two.

CENTER ISPRS PUBLICATION

A new article titled: “Assessing Reliability of Geotagged Social Media Data for Spatiotemporal Representation of Human Mobility: A Comparison between Sina Weibo and Baidu Qianxi” was recently published by Harvard researchers to the ISPRS International Journal of Geo-Information. [The article may be found here.](#)

HEAVY.AI

Heavy.ai (formerly OmniSci) is now running on an-always on GPU server on [New England Research Cloud](#) (NERC). This will allow Harvard researchers to build public facing interactive dashboard for visualization and analysis of geospatial big data. Going forward, the researchers plan to use it for building dashboards for our various projects including but not limited to [Out of Eden Walk](#), [Use of Social media to study Global Climate Change](#) and [Geo-tweets Archive](#).

May 2022 IAB Meeting

The I/UCRC for Spatiotemporal Thinking, Computing and Applications (a.k.a. NSF Spatiotemporal Innovation Center) holds its 17th semi-annual Industrial Advisory Board meeting in a hybrid fashion on May 11, 2022 due to the outbreak of COVID-19. This meeting reviews the center's innovative research and identifies new projects to be supported through collaborations among academia, industry, and agencies. All center research results are freely shared among members to boost their products, services, and businesses. All companies or agencies (with interest in geospatial and spatiotemporal research themes) are welcome to participate. This is a prime time to become familiar with cutting-edge research results, leverage the innovative outcome for your future products and services, increase your efficiency, improve your competitiveness, and boost your business.

Please register in advance at the following link:

https://gmu.zoom.us/meeting/register/tJ0pfuCqzIpGtXoWXeRBZCNleuYvTF2_vsq

C2M2 Program Completion

The C2M2 program was completed in January 2022. The team is currently working on writing peer-reviewed research papers based on the unique data collected from the project. The network that is an outcome of the Secondary Cities Initiative and C2M2 is now the Participatory Mapping Partnership (PMP). PMP will promote geospatial solutions through the three regional hubs (Asia, Africa, and Latin America). To learn more, please visit the following website: <https://mapgive.state.gov/c2m2/>.

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CGA VIRTUAL FORUM

A changing climate impacts everyone's ability to feed and support themselves, but not equally and not randomly. The CGA's 2022 virtual forum will feature speakers investigating the geography of climate change inequity, how using the tools of geography might lead to better understanding and mitigation, and more. The forum will be held on May 20, 2022, from 10:30 a.m. to 12:30 p.m. It is co-sponsored by the NSF Spatiotemporal Innovation Center. [Read more, view the event program, and register for this event.](#)

NSF START INTERN RECEIVES SCRUGGS SCHOLARSHIP

Engineering studies freshman, Alex Fouraker has recently been recognized for being an outstanding engineering studies student at Valdosta State University. He is one of the START interns for the STC center, he shows significant progress in the projects he works on and is a very great asset to the team. He works extremely hard, and he has been awarded to signify his dedication with a certificate of excellence and becoming a Scruggs scholarship recipient. Congratulations Alex, on your hard work and perseverance this year as hard work is the path great success!



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