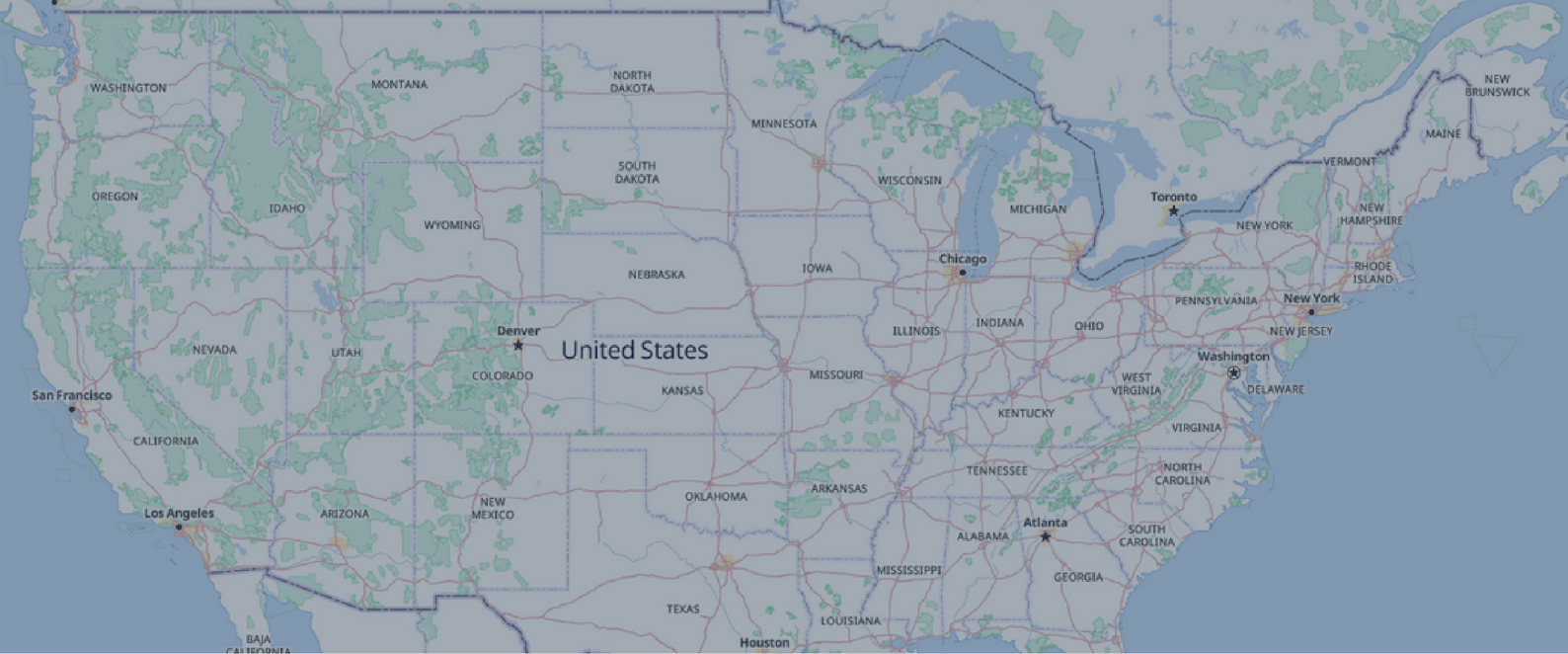




OpenStreetMap US Annual Report 2022

fostering the growth and impact of OpenStreetMap across the United States



OpenStreetMap US

Mission

We support the OpenStreetMap project in the United States through education, fostering awareness, ensuring broad availability of data, continuous quality improvement, and an active community.

Vision

As we work to manifest our mission, we envision a future where communities:

1. Have the knowledge, tools and support they need to use the power of OpenStreetMap to improve their world by mapping their world.
2. Are building digital literacy by accessing and contributing to OpenStreetMap for community benefit that contributes to a just and equitable society.
3. Inspire and support new leaders who carry forward and shape the future of OpenStreetMap as a trusted map and community.

Strategic Goals

1. Maximize the impact and value of OpenStreetMap and our community.
2. Grow and sustain a thriving, connected OpenStreetMap US community with representation from and in all sectors.
3. Deepen educational and outreach efforts, with a focus on developing emerging leaders in ways that broaden equity and diversity in OpenStreetMap.

WHERE WE'VE BEEN



2010 - 2018

OpenStreetMap US incorporated as a member-based nonprofit in 2010 to support the growth of the OpenStreetMap community in the US. That year, the first State of the Map US conference was held in Atlanta, Georgia. In the years following, the volunteer-run organization primarily focused on hosting this annual gathering across the country.



2018 - 2020

After nearly eight years as a volunteer-run organization, OpenStreetMap US hired its first Executive Director. This launched a transition period for the organization, redefining the scope and ambitions of OpenStreetMap US under new leadership.



2021 - Present

Transitioning to a staff-led organization, OpenStreetMap US has focused on scaling impact through numerous programs and projects by convening government, commercial, and public sector partners with our ever-growing community.

WHERE WE'RE GOING

2022 - 2023 Strategic Priorities

- **Expanding membership** to include opportunities to further engage academic, government, and corporate stakeholders.
- **Advance accessibility** to OpenStreetMap data with a focus on interoperability through tool development and stronger government and academic collaborations.
- **Strategic stakeholder engagement** and relationship building to strengthen OSM US recognition and role in the broader geospatial ecosystem and across the US.
- **Expanding impact and diversity** of the OpenStreetMap US community through the fostering of new and existing partnerships.

MESSAGES FROM OUR LEADERSHIP

OpenStreetMap has never been more vibrant and influential in the United States. With the support of a passionate community of volunteers and partner organizations, OpenStreetMap US is taking on essential responsibilities at every stage of the project: outreach to new communities, convening contributors and stakeholders to develop standards, and providing a home for collaboration infrastructure. I hope you are as thrilled as I am about the progress we've made so far and even more excited about what's coming down the pike.



Minh Nguyễn
BOARD
PRESIDENT
2019-2023



Maggie Cawley
EXECUTIVE
DIRECTOR

In 2022, OpenStreetMap US welcomed the return to in-person events with our 10th annual State of the Map US conference. All of the efforts made by the US community to connect virtually during the 800+ days since our last national gathering were clear in the quality of presentations, enthusiasm of attendees, and continued dedication to the OSM project. In addition to the conference, it was a big year for the OpenStreetMap US organization. I continue to be amazed and inspired by the energy and support of this community and look forward to what 2023 will bring. Join me in acknowledging and celebrating some of the highlights of 2022.

2022

a year of growth

OpenStreetMap US has seen its biggest year yet for the growth of our organization and advocacy efforts with new and existing partners, broadening engagement and interest in OSM across the country.

ORGANIZATIONAL GROWTH

Organizational Membership

We expanded our membership to include companies, educational institutions, nonprofits, and government agencies, providing an avenue for organizations to give back to our growing community.

New Membership Portal

We migrated to a new membership management system that enables members to take a more active role. Members can manage their membership status and profile information.

Supporting a Growing Team

In June, Quincy Morgan came on board as our Technical Lead. Adding a Technical Lead to our team helps us expand the impact of our organization and programs through improved engineering and technical solutions.

EXPANDING PARTNERSHIPS

Government Working Group

Since its launch in 2020, the OSM US Government Working Group has grown to 60+ representatives from over 15 federal, state, and local agencies to collaborate around OpenStreetMap.

Trails Working Group

The OSM US Trails Working Group continues to convene 77+ stakeholders to address issues in trail mapping and public land management through improvements to recreation data in OSM.

UVA Data Science Capstone

OpenStreetMap US hosted its first cohort of Data Science Graduate students from the University of Virginia. These students analyzed OSM data in the US to determine under-mapped zip codes to promote informed mapping.



PROGRAMS & INITIATIVES

TRAILS STEWARDSHIP

Because many of the most popular outdoor apps use OSM data to inform their maps, OSM US formed the Trails Working Group to improve the data detail associated with trails and address issues related to missing or inaccurate data. The initiative specifically aims to:

- Address the impact of unofficial trails on natural resources, ecosystems, and wildlife.
- Reduce the frequency and severity of safety incidents within public lands.
- Improve the efficiency and impact of trail data management activities for public land agencies.



Through discussions with OSM mappers, land managers and trail app developers, the working group successfully created a data schema for describing the management status of trails. In May 2022, a pilot was launched and successfully tested the schema across three areas in Washington state improving the rendering of trails on AllTrails & Gaia navigation apps.

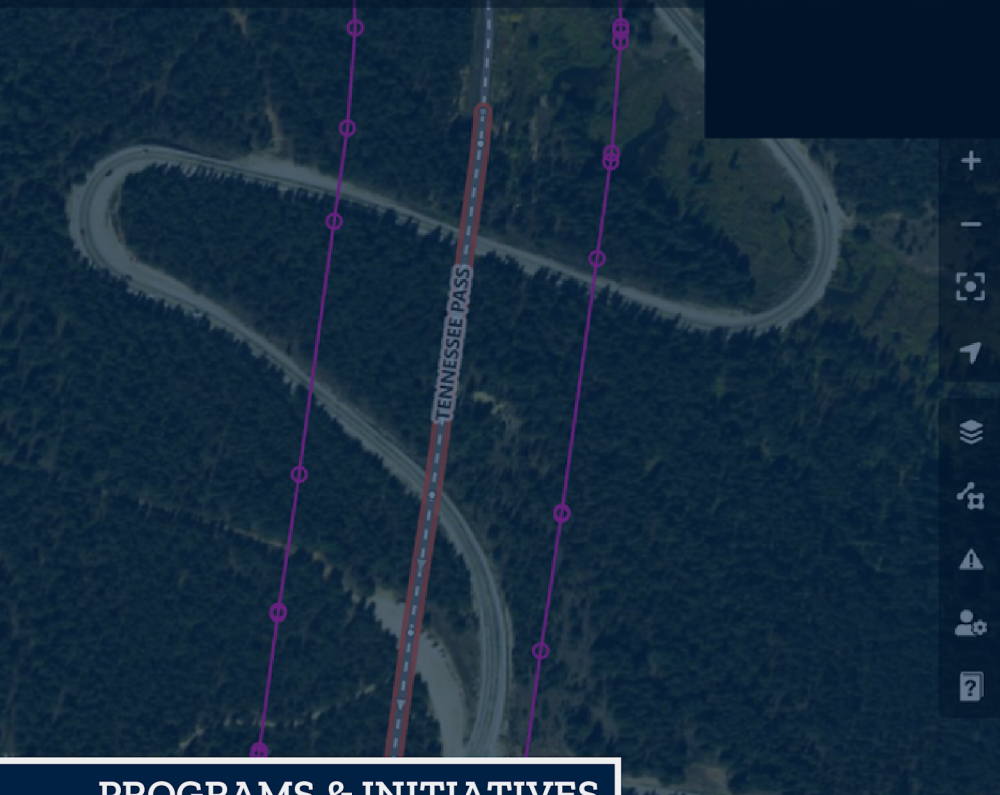
There are improvements in trail rendering - 66.7%

"Improved representation of non system trails providing users a more realistic expectation and ability to plan..."

There is a mix of positive & negative changes - 22.2%

"The trail lines are harder to see as they are lighter in shade... but the ... use types are easier to see."

These changes are a worse representation - 11.1%



🕒 1 hour, 58 minutes left

COMPLETION INSTRUCTIONS HISTORY

TASK STATUS ?

Is this task completely mapped?

- Yes
- No
- The imagery is bad

COMMENT

PROGRAMS & INITIATIVES

PUBLIC DOMAIN MAP

To improve interoperability between federal datasets & OpenStreetMap, we're developing Public Domain Map. This toolkit, developed in collaboration with USDOT & USGS, will streamline volunteer contributions to government datasets and OpenStreetMap.

In 2022, OpenStreetMap US and government partners made significant progress on the first phase of development for the project.

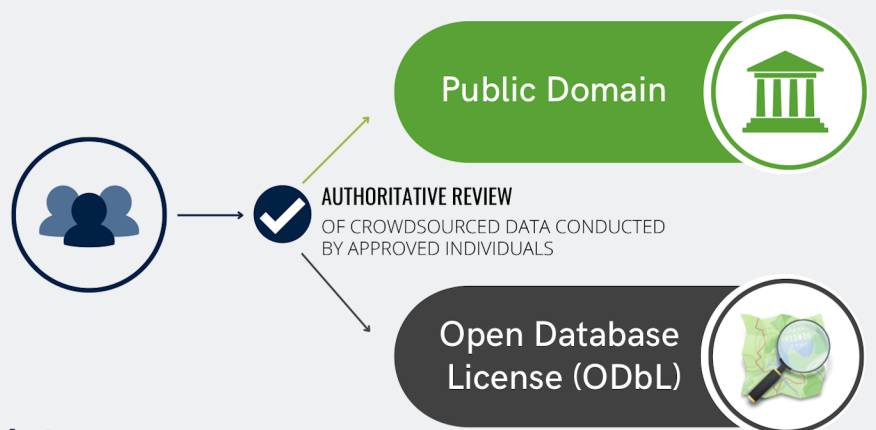
Phase 1: Prototype Development & Initial User Testing

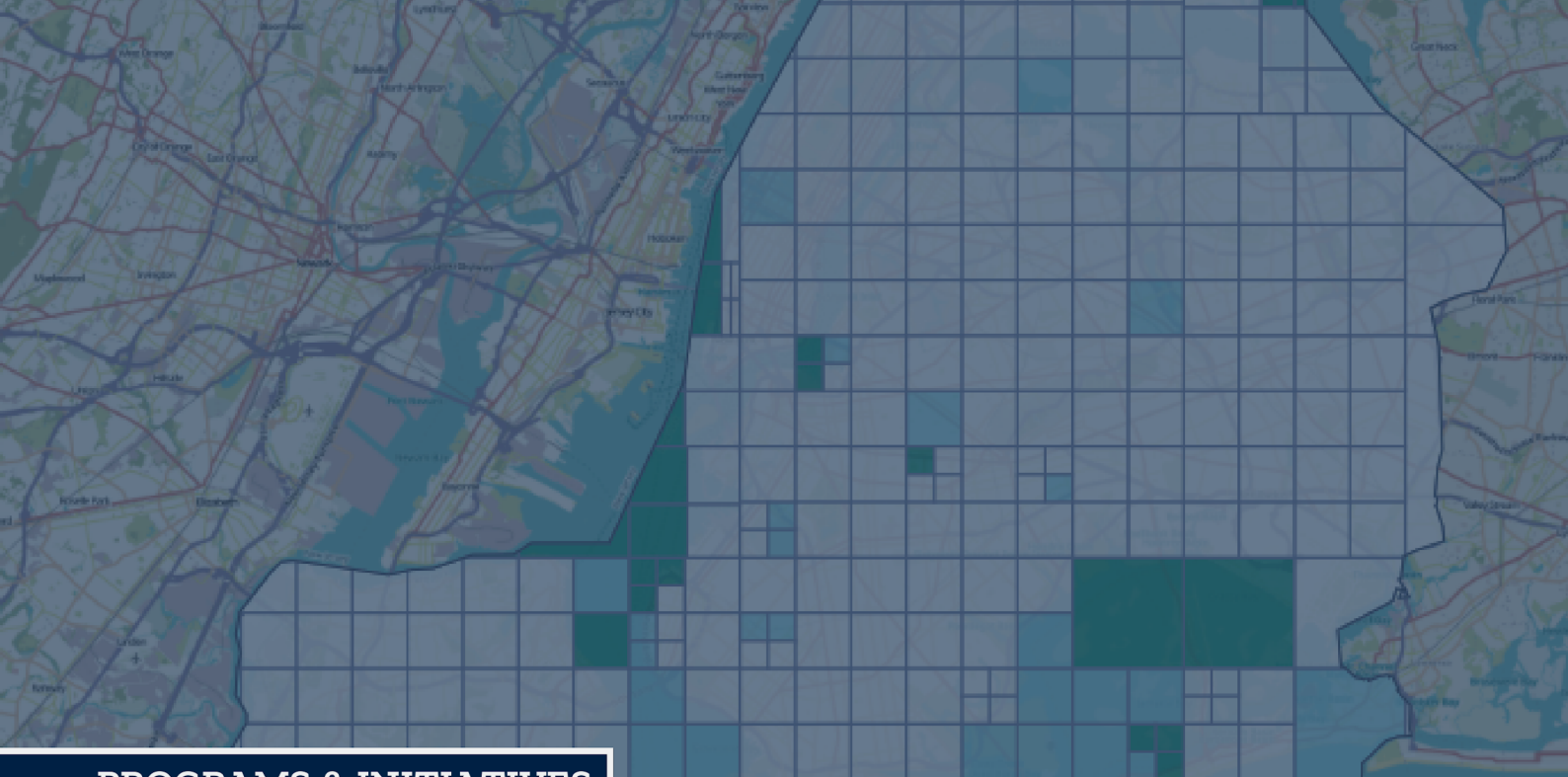
This phase of the project is focused on developing and testing the initial tool/workflow prototype for Public Domain Map, specifically the mapping & validation workflows.

Phase 1 Milestones:

- ✓ Project Scoping & Stakeholder Needs Assessment
- ✓ Initial Prototype Development
- Mapping Workflow Redesign & Tasking Manager Integration

Next Steps in 2023: User testing with the Federal Railroad Administration





PROGRAMS & INITIATIVES

MAPPING FOR IMPACT

Mapping for Impact is a community partnership program led by OpenStreetMap US to support organizations in civic, environmental, and social sectors to solve targeted challenges and data gaps across the US using OpenStreetMap. In 2022, Mapping for Impact supported two organizations with the help of community volunteers:

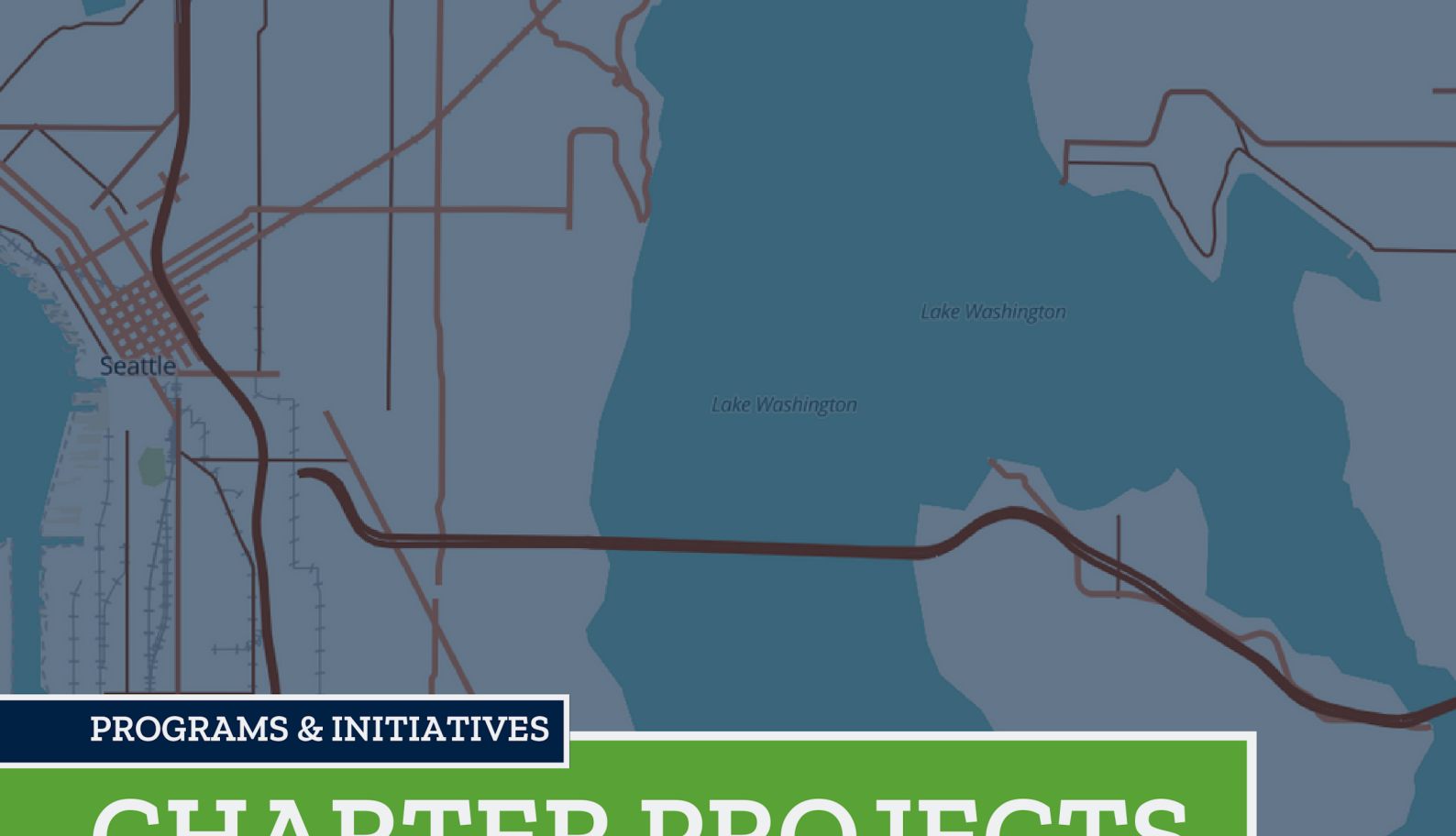


In partnership with KABOOM!, the community mapped 1,712 parks & playgrounds in underserved areas of Colorado in support of the Colorado Health Foundation's health equity efforts, including:

- 326 playgrounds
- 351 individual playground components
- 168 parks
- 427 sports fields & pitches



Currently, volunteers are mapping swimming pools in New York City to improve equitable access to water safety for Rising Tide Effect. Reaching 46% completion in 2022, mappers contributed towards 11,000+ swimming pools within the city. Once complete, this swimming pool data will help inform disparities in access to swimming as well as identify locations for educational programs.



PROGRAMS & INITIATIVES

CHARTER PROJECTS

The OpenStreetMap US Charter Project program provides a long-term home for notable OpenStreetMap tools and projects. We provide projects with a stable legal and fiscal framework, so developers and organizers can focus on what they do best: building things.

The OpenStreetMap US Charter Projects program supports projects that align with our mission to support OpenStreetMap in the United States through education, fostering awareness, ensuring broad availability of data, continuous quality improvement, and an active community. With the OSM US Charter program, OpenStreetMap US actively encourages the development of tools and projects that contribute to the growth and sustainability of the OpenStreetMap platform in the United States, and beyond. This year, we focused on building infrastructure to support the growth of existing and future charter projects. As of 2022, our Charter Project program supports:



OpenHistoricalMap

The goal of OpenHistoricalMap is to create the world's most universal, detailed, and out-of-date map. A fork of OpenStreetMap, OpenHistoricalMap documents the places of historical significance that no longer exist to be mapped in OpenStreetMap.



PROGRAMS & INITIATIVES

TEACHOSM

TeachOSM provides educator training, content and curriculum for integrating OSM in the classroom, and advocates for OSM in educational settings. Started in 2013 as a grassroots project by educators for educators, TeachOSM is now a program under OpenStreetMap US.

This year was all about collaboration for TeachOSM! With the launch of the OSM US Education Working Group, led by TeachOSM, we were able to bring in the skills and support of more volunteers. We initiated Collaboration Grants to promote cross-school collaboration around open mapping projects.

Additionally, TeachOSM hired two interns to assist with communications & project outreach, as well as develop new educational content.

Launch of the OSM US Education Working Group

In March, the Education Working Group was launched to bring together educators and volunteers on a monthly basis to collaborate and provide feedback on educational resources. This has enabled us to expand the pool of contributors supporting TeachOSM and broaden exposure to a wider academic audience.

OSMTeenMaptivist Chapters

OSMTeenMaptivists (OSMTM), an initiative started by TeachOSM Steering Committee members, is an after-school club for high school youth. In 2022, OSMTM hit several milestones including:

- Expansion to 4 official school Chapters (MA, TX, NY, and CA)
- Conducted 3 inter-school Map-Along events bringing together high schools students virtually across the US
- Hosted guest speakers from Red Cross, Doctors without Borders, and Data Feminism/MIT, and the United Nations



COMMUNITY

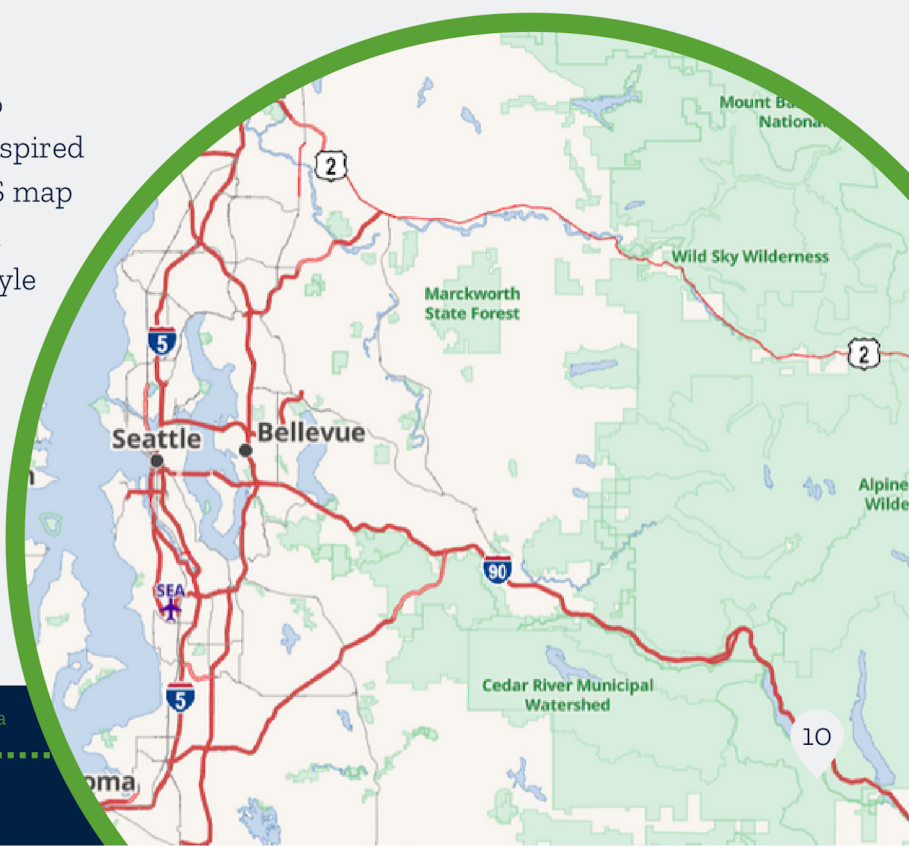
From local meetups of contributors mapping their city to enthusiasts organizing virtually around tools and mapping themes, the OpenStreetMap US community is a diverse network of volunteers finding ways to gather and improve the map of the United States.

This year, many local OSM groups were able to return to in-person meetups for mapathons and mobile mapping parties, while others continued to organize virtually to develop some exciting and innovative projects. Here are a few of highlights this year:

Americana Map Style

The United States is a complicated place to represent on any map! But that has only inspired community members to develop a truly US map to display OSM data. In their first year as a community project, the Americana Map Style has seen tremendous support shown through:

- 309 pull requests merged
- 1,620 tags rendered
- Completion of highway shield rendering for all 50 states
- Launch of multi-language support



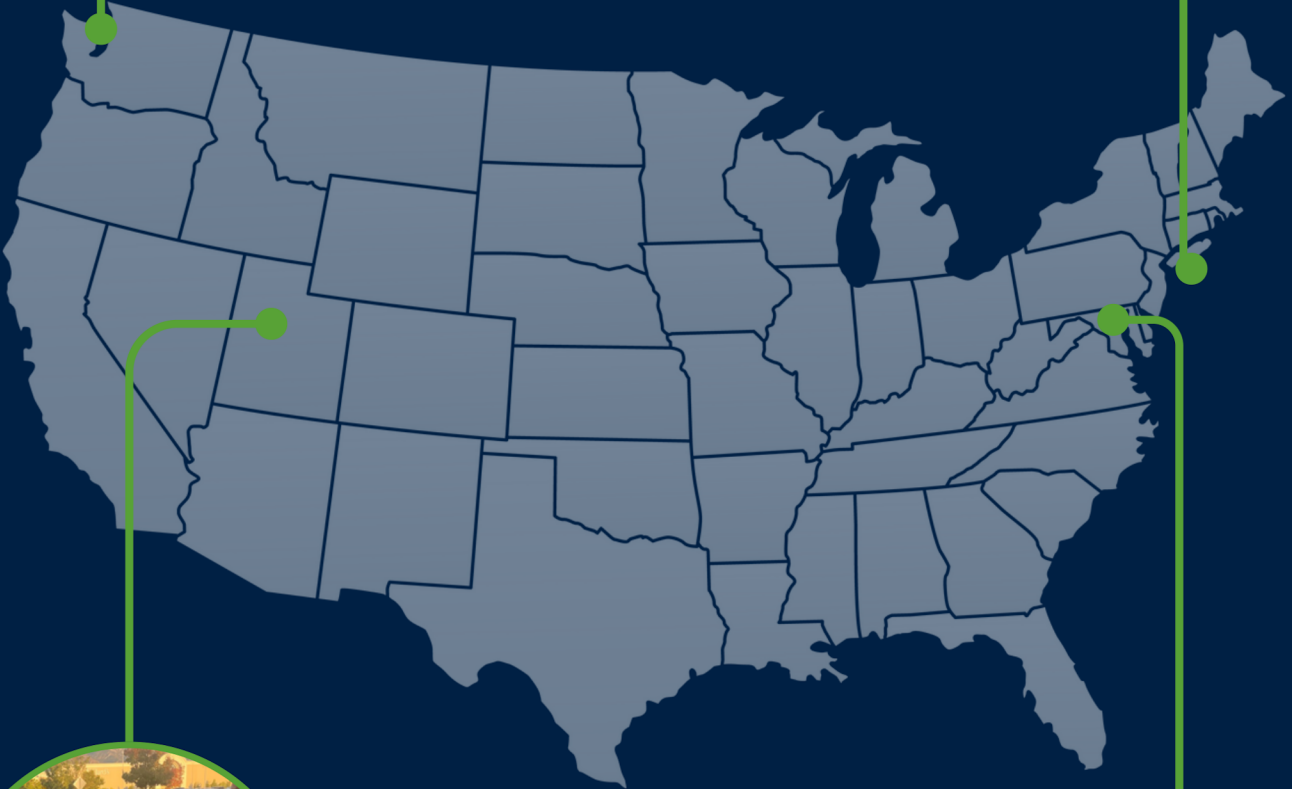
OSM NYC Continues to Grow a Network of Open Data Collaborators

In March 2022, OSM NYC led mapping parties with BetaNYC & the NYDOT for Open Data Week to map bike racks across the city, as well as teaming up with Wikimedia NYC for meetups throughout the year.



Celebrating OSM's 18th in Seattle

In August, OSM Seattle members celebrated the 18th anniversary of OpenStreetMap with a picnic and mapping party.

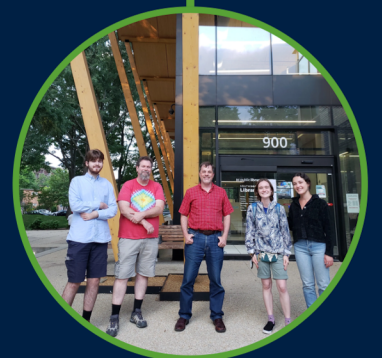


Testing out new apps with OSM Utah

In October, mappers in Salt Lake City explored the use of the new Every Door app by mapping their local mall.

Getting outside with MappingDC

In June, members of MappingDC explored the Southwest Waterfront area in DC to collect points of interest for OSM.



258 MAPPERS GATHERED IN TUCSON, AZ FOR

STATE OF THE MAP US

COMMUNITY ENGAGEMENT

After 858 days of planning, the OpenStreetMap US community came together in April for the 10th Anniversary State of the Map US in Tucson, Arizona. The conference was on hiatus for two years due to the pandemic. Across four days, the community enthusiastically reconvened through talks, workshops, and social events, eagerly making up for lost time.

Thank you to our hosts at the University of Arizona, who helped us bring State of the Map US to the southwest for the first time, and the attendees, sponsors, speakers, volunteers, and organizers that made it happen!



312 EDITORS & ENTHUSIASTS JOINED VIRTUALLY FOR

MAPPING USA + WCNA

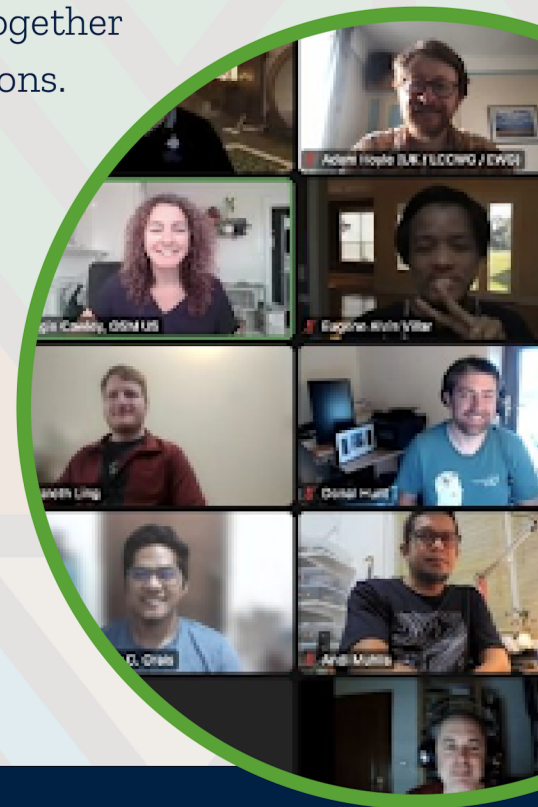
COMMUNITY ENGAGEMENT

OpenStreetMap US's third annual virtual conference was hosted jointly with Wiki Conference North America in November. The event included a Mappy Hour on Thursday, a half day of talks on Friday, and a day of workshops, birds of a feather sessions, mapathons on Saturday.

This year was our largest virtual event, bringing together over 300 attendees, 60 speakers and 40 presentations.

The convergence of Wiki and OpenStreetMap enthusiasts sparked new conversations, ideas, and opportunities for our open knowledge communities to collaborate around shared goals.

In addition to the main event, we also hosted the Local Chapters & Communities Congress on Saturday. This annual event brings together leaders and members of various OpenStreetMap communities to share stories and learn from each other.



WIKICONFERENCE
NORTH AMERICA



+



MAPPING USA
OPENSTREETMAP US

= open
knowledge
allies



COMMUNITY ENGAGEMENT

VIRTUAL GATHERINGS

In 2022, OpenStreetMap US continued to host monthly Mappy Hours with presentations from community members on OpenStreetMap-related projects & topics. In addition, OpenStreetMap US supported virtual learning events and mapathons at external events.

Mappy Hour

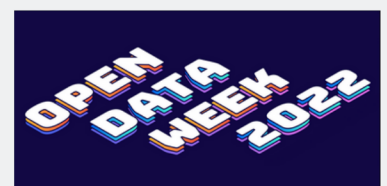
This year, OpenStreetMap US hosted 10 Mappy Hours bringing together 230+ attendees virtually and reaching another 1,300+ through recordings. Themes included,

- Mobility & Transportation with the Taskar Center
- Community projects around Sustainable Transportation & Outdoor Recreation



For the third year, OpenStreetMap US hosted an 8-hour mapathon as part of Open Source Day at the Grace Hopper Celebration. This year, 50+ attendees mapped to support hurricane response in Florida.

In-person and virtually, OpenStreetMap US engaged 500+ attendees at Open Data Week in New York City hosted by NYC Open Data and BetaNYC. Attendees learned about how OpenStreetMap can support government open data and contributed to sidewalk data.



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Quincy Morgan

TECHNICAL
LEAD

SUPPORTED BY

In 2022, OpenStreetMap US was able to continue supporting the growth of the community as well as expand efforts advocating for the impact and use of OpenStreetMap in the United States, thanks in part to:

34%

**INCREASE IN TOTAL
INDIVIDUAL MEMBERS**

**EVENT SPONSORSHIPS &
CORPORATE DONATIONS
INCREASED IN 2022 BY:**

83%

ORGANIZATIONAL MEMBERSHIPS

In the fall, OpenStreetMap US announced a membership expansion to include non-voting, organizational memberships for companies, educational institutions, nonprofits, and government agencies. This expansion aligns with other organizational models in the OSM ecosystem like the OpenStreetMap Foundation, OSM Belgium, OSM UK, and OSM Japan. Inspired by these models, we designed the membership to provide an avenue for US organizations in the OSM ecosystem to give back to our growing community.

**Special thank you to our first
organizational member:**



development **SEED**

Become a Member:



**MAPPING AS A
CITIZEN SCIENCE
ENDEAVOR IS A
POWERFUL TOOL FOR
JOINING EVERYONE
TOGETHER.**

Rodney

I have been a Geospatial Professional for 10 years and believe its advantageous for volunteer efforts to be a member.

Chris

MEMBERSHIP

Membership is the backbone of OpenStreetMap US. We strive to serve a growing number of citizens who connect with their neighborhoods and beyond through OpenStreetMap. Though our members come from a variety of backgrounds, disciplines, and areas of expertise, they share a common interest in OpenStreetMap.

I have long been a geography enthusiast and I am a GIS professional. But in the past year or so I have become increasingly interested and amazed by OpenStreetMap! So I have been contributing more and more.

Conrad

OSM has been a huge asset in my work at PeopleForBikes to measure the quality and connectivity of bike infrastructure in the US. It would have been very hard to make the progress we've made without it.

Rebecca

FINANCIALS

REVENUE

Conference Registration	29,176.50
Conference Sponsorship*	197,912.00
Donations	8,371.40
Grant Revenue	75,100.00
Membership Dues	7,750.00
Service/Fee Income	8,100.00
Total Revenue	\$326,409.90

EXPENSES

Events & Fundraising	101,941.17
Management	124,368.55
Contracted Services	117,625.02
Admin & Operations	6,947.81
Total Expenses	\$350,882.55

*Total does not account for 2022 sponsorship balances paid in 2023



OpenStreetMap US

OpenStreetMap US, a 501(c)3 nonprofit organization, is advancing geospatial data democracy by catalyzing collaborative action around OpenStreetMap between individuals, government agencies, nonprofits, corporations, and academia.

OpenStreetMap US works to ensure that OpenStreetMap, the largest crowdsourced map of the world, is leveraged equitably through targeted education and outreach to incorporate individuals and communities under-represented in policymaking and technology circles into the open geospatial data movement.

Through our grassroots initiatives and community-based programs, our work centers on providing education, fostering awareness, ensuring broad availability of open data, and building an active national community.

Love what we do? Partner with us, become a member, or invest in our efforts! Learn more at:

openstreetmap.us