



Wednesday, 13 March	
8am	Field Trips
8:30am	<p>Workshop: Next Steps: Developing a National Extension Citizen Science Network RCC Ballroom A</p> <p>Workshop: Citizen Science Air Quality Monitoring RCC Ballroom B</p> <p>Workshop: Getting Your Project off the Ground: A mix of informational talks, interactive activities, networking, creative project development, and feedback RCC Ballroom C</p> <p>Workshop: CSA Data &amp; Metadata RCC 402</p> <p>Workshop: Using Anecdota.org to power your citizen science project NCMNS #2</p>
1pm	<p>Workshop: Inform, Engage and Inspire People with Your Story NCMNS #2</p> <p>Workshop: Science Communication for Scientists NCMNS #3</p>
1:30pm	<p>Workshops: 131, 163, 196, 217, 229 Independent Workshops in a Shared Space RCC Ballroom A</p> <p>Workshop: Data to Action: Using King Tides Projects to Build Resilience in Coastal Communities RCC Ballroom B</p> <p>Workshop: Designing Open Data Standards for Citizen Science Projects Through the Analysis of Existing Tools and Projects RCC 402</p>
4:30pm	"Meet the Feds" Module of Workshop 223: Open to CSA Attendees (no registration necessary) RCC Ballroom C
7pm	Opening Reception and Project Slam! NC Museum of Natural Sciences
Thursday, 14 March	
8am	Welcome and Opening Plenary Talk: The Power (Relations) of Citizen Science Ballroom
9:30am	Networking Session Groups G1, G2, G3, G4, G5, G6, G8, G9, G10 Ballroom
9:45am	<p>Networking Session Groups G13, G14 RCC 301A</p> <p>Networking Session Groups G15, G16 RCC 301B</p> <p>Networking Session Groups G17, G18 RCC 302A</p> <p>Networking Sessions G19, G20 RCC 302B</p> <p>Networking Session Groups G21, G22 RCC 302C</p> <p>Networking Session Groups G23, G24 RCC 303</p> <p>Networking Session Groups G25, G26 RCC 304</p> <p>Networking Session Groups G11, G12 RCC 402</p>
11am	<p>Not Just Grunt Work: Engaging the Public in Research from Design to Publication RCC 301A</p> <p>Citizen Social Science for Environmental Public Health Research RCC 301B</p>
	<p>Scaled BioBlitzes: Engaging Community Organizers to Increase Participation in Large-Scale Biodiversity Monitoring Efforts RCC 302A</p> <p>Hiding in Plain Sight - Stories of the Search for Volunteer Skill Gains In Data Validation Records RCC 302B</p> <p>Program before Project – Infrastructure to Implement Best Practices in Citizen Science, Stakeholder Engagement, and Resource Management RCC 302C</p> <p>Building a Global Mosquito Citizen Science Consortium: Bringing Together Diverse Perspectives for Common Goals RCC 303</p> <p>Talks Session: Community Organizing Collaborations RCC 304</p> <p>Talks Session: Training Participants and Each Other RCC 402</p>
	<p>Environmental Justice Scholarship recipients luncheon. By invitation only. Ballroom</p>
	<p>Talks Session: Sustainability and Resilience RCC 301A</p>



Continued from Thursday, 14 March		Friday, 15 March		11am		W118 - Lunch and Learn Workshop W118/124: Global Learning and Observations to Benefit the Environment (GLOBE) Protocol Activities to Enhance Youth Participation in Citizen Science and Environmental Justice Research RCC 301A	
Talks Session: Biodiversity and Environmental Monitoring RCC 301B		8am		Talks Session: Evaluation (data collection and use) RCC 301A		W901 - Lunch and Learn Workshop 901: Citizen Science & FieldScope: Engaging Students in Scientific Practices RCC 301B	
Talks Session: Tech and Tools RCC 302A		Plenary Talk - Citizen Science: Creating Authentic Learning Opportunities for Students Ballroom		From Guest to Scientist: Enhancing Museum Visitors' Experience and Identity through Citizen Science RCC 301B		NPS Committee Meeting: Closed Meeting RCC 302A	
Talks Session: Ethics RCC 302B		9:45am		Citizen Science in Action: A Tale of Four Advocates Who Would Have Lost Without You RCC 302A		Lunch and Learn Workshop: Disruptive Technologies and Citizen Science: Air Pollution Monitoring with CommunityAQ RCC 302C	
Talks Session: Evaluation RCC 302C		Talks Session: Policy RCC 301A		Talks Session: In the K-12 Classroom RCC 302B		W902 - Lunch and Learn: Trans Equity RCC 304	
Design and Practice for Community Science Literacy RCC 303		Get out for air: enabling community and media to engage in air quality dialogue RCC 301B		Advancing the science of citizen science through meta-platforms and meta-analyses RCC 302C		2pm	
Talks Session: Problem Driven Community Organizing □ RCC 304		Possibilities for Voluntary, Independent Ethics Oversight for Citizen Science Projects RCC 302A		Talks Session: Participation and Retention RCC 303		W142 - Workshop 142: Engaging and Empowering Citizen Scientists: Practical Advice About Planning and Implementing Projects Ballroom	
Talks Session: Engagement, Participation, and Research RCC 402		Reaching Girls Through Citizen Science RCC 302B		Talks Session: Tech and Tools RCC 304		Talks Session: Collaboration RCC 301A	
3:30pm		Creating a common vernacular: Exploring conversations across citizen science sectors RCC 302C		Citizen science and beyond: moving youth to scientific inquiry and civic action through citizen science RCC 402		Program Design at the Intersection of Citizen Science and Data Literacy (K-12) RCC 301B	
CSA General Meeting Ballroom		Citizen Science: A Tool for Advocacy RCC 303		12:45pm		Towards an Iberoamerican Citizen Science Association RCC 302A	
4:45pm		Lightning Talks Session: In the K-12 Classroom RCC 304		WRoundtables - Lunch and Learn: Roundtable Discussions Ballroom			
Poster Session Happy Hour Ballroom		Exploring Sustainable Funding Models for Citizen Science RCC 402					
7pm							
Movie Night at CitSci2019! With Backyard Wilderness Marbles IMAX							



## Continued from Friday, 15 March

Talks Session: Environmental Monitoring  
RCC 302B

Talks Session: Tech and Tools  
RCC 302C

Citizen Science in Higher Education: Classrooms, Campus, and Communities  
RCC 303

Talks Session: Participatory Research  
RCC 304

Building capacity for partnership-centric community and citizen science in libraries: Using successful projects and library partnership  
RCC 402

## 3:45pm

Talks Session: Youth Education  
RCC 301A

Are Photos Data?  
RCC 301B

Talks Session: Environmental Monitoring for Justice  
RCC 302A

Designing technology to maximize cultural diversity, uptake, and outcomes of citizen science  
RCC 302B

Best Practices for Place-Based Community-Based Monitoring  
RCC 302C

Citizen Science and the University: Institutional innovation, change, and engagement beyond the ivory tower  
RCC 303

Talks Session: Evaluation and Data Quality  
RCC 304

A Different Perspective: Understanding Equity, Diversity and Inclusion in Citizen Science using Community-based Participatory Research  
RCC 402

## 5:30pm

Environmental Justice Panel and Dinner  
Ballroom

## Saturday, 16 March

### 8am

Workshop: Citizen Science Training on the use of Low-cost Real-Time Sensors: Bladensburg as a Case Study  
RCC 301A

W21 - Workshop: Best practices in Science Communication  
RCC 301B

Workshop: ImprovSciComm – the art of (science) communication is improvisation  
RCC 302A

Workshop: Study Design: Developing a Citizen Science Project that Delivers Results  
RCC 302B

Workshop: A model of action research for building community decision-making capacity  
RCC 302C

Workshop: Volunteer Life Cycle: Understanding and engaging volunteers for citizen science  
RCC 303

INVITE ONLY: SciStarter Education Breakfast: Experience a new citizen science portal for classrooms, school districts and universities  
RCC 304

Citizen Science Funding Opportunities at the National Science Foundation (NSF)  
RCC 402

### 9am

W235 - Citizen Science: Environmental Justice Science for Compliance  
Ballroom

Citizen Science Festival  
NC Museum of Natural Sciences

### 10:30am

Talks Session: Biodiversity Observations  
RCC 301A

Grow your own: Experimental gardens as a critical contribution of citizen science to global change research and hands-on education  
RCC 302A

Citizen Science in Action  
RCC 302B

Talks Session: Evaluation (Project Ownership and Volunteer Retention)  
RCC 302C

Talks Session: Urban Spaces  
RCC 303

Program before Project – Infrastructure to Implement Best Practices in Citizen Science, Stakeholder Engagement, and Resource Management  
RCC 304

Talks Session: Youth Education  
RCC 402

## 12:15pm

CSA Citizen Science Day Working Group  
Ballroom

CSA Research and Evaluation Working Group Meeting  
RCC 301A

CSA Ethics Working Group  
RCC 301B

CSA Professional Development Working Group  
RCC 302A

CSA Law & Policy Working Group  
RCC 302B

CSA Journal Editorial Board  
RCC 302C

CSA Data & Metadata Working Group  
RCC 303

CSA Education Working Group  
RCC 304



Continued from **Saturday, 16 March**

CSA Integrity, Diversity, and Equity Working Group  
RCC 402

**1:30pm**

Learning through Citizen Science: Opportunities by Design  
Ballroom

Talks Session: Environmental Monitoring  
RCC 301A

Data quality management plans: Lessons learned from the water quality monitoring community  
RCC 301B

Indigenous People on the Front Lines: Using Citizen Science to Improve Environmental Public Health  
RCC 302A

Talks Session: Classroom K-12 Partnerships  
RCC 302B

Talks Session: Data Quality and Challenges  
RCC 302C

Lightning Talks Session: Biodiversity  
RCC 303

Talks Session: Inclusion and Justice  
RCC 304

Talks Session: Evaluation (Motivation and Engagement)  
RCC 402

**3:15pm**

Using the City Nature Challenge and iNaturalist to Inspire K-12 Hands-on Learning and Build Lifelong Learning Skills  
RCC 301A

CitSci+SciComm: Brainstorming new collaborations  
RCC 301B

Lightning Talks Session: Biodiversity  
RCC 302A

Win-Win Partnerships: How collaboration between citizen science and corporations leads to meaningful impacts  
RCC 302B

Ethical Considerations in Funded Citizen Science: Implications for Broader Impacts  
RCC 302C

Lightning Talks Session: Community Organizing and Environmental Justice  
RCC 303

Lightning Talks Session  
RCC 304

Building Collaboration and Ensuring Justice in Community-Based Participatory Research: Lessons Learned from California, South Carolina, and Michigan  
RCC 402

**5:30pm**

Closing Reception and Plenary Speaker Rob Dunn  
Ballroom

**Sunday, 17 March**

**8am**

Workshop: Evaluating the social health and sustainability of citizen science communities  
RCC 301A

Workshop: Virtual ecological research assistant  
RCC 301B

Workshop: At The Table: Making Work Intersectional and Inclusive  
RCC 302A

CSA Board Meeting  
RCC 302B

Workshop: Citizen Science Day  
RCC 302C

Workshop: Get it together: data collaborations from singular to systems  
RCC 303

W125 & W200, W206, W208pt2 Combined Format - Independent Workshops in a very large room  
RCC 304