Welcome to the 26th CalGIS!

The education is plentiful this week! In addition to a not-to-be missed opening keynote address and Fireside Chat, we have full and half-day workshops, and dozens of breakout sessions on Monday and Tuesday. Thank you to all of the individuals who have devoted countless hours preparing their presentations!

Be sure to take advantage of the unparalleled opportunity to strengthen your professional connections this week. Networking events are abundant and important!

Attendance counts toward education points for GIS professional certification or renewal (GISP). The Proceedings will be available for download in approximately six weeks.

Tweet about your a-ha moments during #CalGIS2020!

Get involved with your California URISA Chapter and the CGIA! Connect, share ideas and make things happen.

Download the mobile app for program details: https://calgis2020.sched.com

View your personal schedule, browse what’s happening right now or search for the speaker you don’t want to miss.

Internet Name: CalGIS
Password: INFO
Welcome to CalGIS 2020!

CalGIS 2020 was organized by an amazing group of professionals who volunteered their expertise, time and enthusiasm to this event. We can’t thank them enough for their dedication.

Special recognition to our fearless leaders:
- **Co-Chairs**: Christina Brunsvold and Rachel Rodriguez, GISP
- **Program Co-Chairs**: Steve Steinberg, PhD, GISP and Jane Schafer-Kramer

Our wonderful chapter and CGIA members:
- An-Min Wu
- Bryan Ferri
- Carrie Carsell, GISP
- Christina Boggs-Chavira
- Dan Henderson
- Danielle Bram
- Dave Powers, GISP
- Jeffrey Utter, GISP
- Marcus Harner, GISP
- Maria Clay, GISP
- Marshall Ballard, GISP
- Mike Skowronek, GISP
- Shannon Julius, GISP
- Suzanne Wechsler

Interested in participating in the next CalGIS Planning Committee? Connect with Rachel Rodriguez or Christina Brunsvold!

It is our honor to welcome you to our 26th annual gathering!

CalGIS showcases California’s diverse community of professionals linked by our enthusiasm for all things geospatial. As you browse the agenda you will notice enhanced offerings including a keynote from former Governor of Maryland, Martin O’Malley. A lunch-time fireside chat with conversations on the status and direction of GIS in the state of California with Amy Tong, Chief Information Officer (CIO), State of California; Michael Wilkening, Special Advisor on Innovation and Digital Services to Governor Gavin Newsom; Martin O’Malley, former Governor of Maryland and Mayor of Baltimore.

We invite you to explore the program tracks, panel discussions, educational section, and immerse yourself in the workshops. Learn about emerging technologies and technical capabilities by chatting with our esteemed sponsors in the exhibit hall and stop by the Esri Learning Lab to gain some hands on experience on GIS’s capabilities.

CalGIS 2020 is sure to leave its mark on the Geospatial future of California, by building the GIS communities and projects together under a unified vision and voice.

*Enjoy CalGIS and the future of GIS for California in sunny Long Beach!*

— Christina and Rachel

**CalGIS Sponsors:**
CalGIS would not be possible without the support of our sponsors. Be sure to spend time learning more about their solutions in the exhibit hall.

**Exhibition Hours:**
- Monday, February 10: 10:00 AM – 6:00 PM
- Tuesday, February 11: 10:00 AM – 2:00 PM
# Program At-A-Glance

## Sunday, February 9, 2020

### Workshops

If you registered for a workshop, there is a ticket in your packet. Stop by the registration desk to check availability. Lunch is on your own today. **Workshops sponsored by Los Angeles County**/ **Workshop Breaks sponsored by Merrick & Company**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
<th>Session 3</th>
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<tr>
<td>8:30 AM - 12:00 Noon</td>
<td><strong>Addressing: A Practical Guide</strong> Atlantic I</td>
<td><strong>Getting to Know the National Hydrography Dataset</strong> Atlantic II</td>
<td><strong>Field Operations: Taking Field Work Further</strong> Pacific I</td>
<td><strong>More Effective with Games</strong> Pacific II</td>
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<td>1:00 - 5:00 PM</td>
<td><strong>NG9-1-1 and the GIS Workflow</strong> Atlantic I</td>
<td><strong>Meeting Your Community Where They Are</strong> Pacific I</td>
<td><strong>Roadmap to Redistricting</strong> Pacific II</td>
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**Evening Networking Events:** Women in GIS No-Host Networking Social (Hilton Lounge, 5:00-6:30); Networking Palooza (6:30 - ?)

## Monday, February 10, 2020 – Exhibit Hours 10:00 AM – 6:00 PM

### Opening Session & Keynote Address

"Smart Government — the data, the map, and the method”

Martin O’Malley, Former Governor of Maryland and author of "Smarter Government — how to govern for results in the Information Age” International Ballroom

### Coffee Break in Exhibit Hall

### 10:30 AM - 12:00 Noon

**Infrastructure Part 1 - Transportation** Pacific I

**Data from the Ground Up** (Framework Data) Pacific II

**K-12 Education** Atlantic I/II

**Esri Hands-on Learning Lab** Caribbean

### 12:00-1:00 PM

**Hosted Lunch & Fireside Chat – Sponsored by Brandman University**

International Ballroom

### 1:00-2:00 PM

**Dessert in Exhibit Hall – Sponsored by Fehr & Peers**

### 2:00-3:30 PM

**Esri’s Gold Sponsor Session: Leveraging What You Own for Maximum Impact**

**Infrastructure – Part 2 - Utilities** Pacific I

**Innovation Emerging Technology – Part 1** Pacific II

**Education GIS** Atlantic I/II

**Statewide Lidar Planning for California, Part 2**

Board Room, 3rd Fl

**Esri Hands-on Learning Lab** Caribbean

### 3:30-4:00 PM

Break in Exhibit Hall

### 4:00-5:00 PM

**Infrastructure – Part 3 Services** Pacific I

**Innovation & Emerging Technology - Part 2** Pacific II

**Student Research Work** Atlantic I/II

**SCAG Mini-Workshop**

Board Room, 3rd Floor

**Esri Hands-on Learning Lab** Caribbean

### 5:00-6:00 PM

**Exhibit Hall Networking and Poster Session – Sponsored by Datamark and California Surveying & Drafting Supply**

### 7:00-9:00 PM

**CalGIS Geocaching Networking Event – Meet in the CalGIS registration foyer—Sponsored by Datamark**

## Tuesday, February 11, 2020 – Exhibit Hours 10:00 AM – 2:00 PM

### Quantum Spatial’s Gold Sponsor Session: Better Information with Remote Sensing in California

**International Ballroom**

### Water

**Pacific I**

### California’s Next Generation 9-1-1

**Pacific II**

### Public Health

**Atlantic I/II**

### Esri Hands-on Learning Lab

**Caribbean**

### Coffee Break in Exhibit Hall – Sponsored by GeoComm

### 10:30-12:00 Noon

**Environmental Research** Pacific I

**GIS and Data Strategies** Pacific II

**Professional Development** Atlantic I/II

**Esri Hands-on Learning Lab** Caribbean

### 12:00-1:00 PM

**Hosted Lunch & CGIA Update**

International Ballroom

### 1:00-2:00 PM

**Dessert in Exhibit Hall – Last opportunity to connect with our sponsors!**

### 2:00-3:00 PM

**Planning and Modeling** Pacific I

**Going from GIS User to GIS Leader** Pacific II

**Baselining & Blueprinting Your GIS (Understanding Now, Next, After Next)** Atlantic I/II

**California GIS Council**

Board Room, 3rd Floor

**Esri Hands-on Learning Lab** Caribbean

### 3:15-4:00 PM

**Closing Session**

International Ballroom

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**Esri Hands-On Learning Lab:** Stop by the Caribbean Room during CalGIS to take advantage of self-paced tutorials. An Esri trainer is available to assist on Monday and Tuesday.

Don’t miss **Esri’s Gold Sponsor session** on Monday (2:00-3:30 PM) and **Quantum Spatial’s Gold Sponsor session** on Tuesday (8:30-10:00 AM).
Thank you to our CalGIS sponsors!

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