

Agenda Day 1: September 10

07:00 Set Up

08:00 Registration & Coffee/Continental Breakfast

08:45 Day 1 Opening | Georgia Coward, UG2 Coordinator

- **Welcome to UG2 Workshop and Logistics** | Georgia Coward, UCAR COL
- **Welcome to the Great Lakes** | Shelby Brunner, Great Lakes Observing System
- **UG2 SC Welcome** | Carl Gouldman, Director IOOS
- **Outcomes of Previous Workshops** | Bill Lingsch, NOAA Contractor
- **Overview of Goals for This Workshop** | Georgia Coward, UCAR COL

09:30 Oral Presentations: Emerging Science | Facilitators: Carlos Barrera, Oceanic Platform of the Canary Islands (PLOCAN); Catherine Edwards, Skidaway Institute of Oceanography

- **Kevin Martin**, University of Southern Mississippi: *Sampling High Dynamic Shallow Waters, using an Oceanscout Glider, to Observe Barrier Layers*
- **Matthieu Le Henaff**, University of Miami/CIMAS - NOAA/AOML: *10 Years of Glider Operation for Hurricane Applications in the Caribbean Region*
- **Panditha Gunawardana**, Trent University: *Biogeochemical Responses to a Turnover Event in the Central Basin of Lake Erie*
- **Josh Kohut**, Rutgers University: *ECO-Gliders: An Autonomous-based Oceanographic and Ecological Mission to Inform Offshore Wind Development*

10:30 Break

11:15 Breakout Sessions

- **Session 1: UG2 Communications and Outreach** | Facilitators: Jen Sevadjan, Scripps Institution of Oceanography; Georgia Coward, UCAR COL; Cassie Wilson, UCAR COL
- **Session 2: Proposal Writing Training** | Facilitator: Yui Takeshita, MBARI
- **Session 3: Piloting – Q&A** | Facilitators: Karen Dreger, Skidaway Institute of Oceanography; Kevin Martin, University of Southern Mississippi; Doug Wilson, University of the Virgin Islands

Agenda Day 1: September 10

- 12:30** Lunch
- **Early Career Mentorship Luncheon: Elevator Pitches, Introductions and Keywords** | Facilitators: Karen Dreger, Skidaway Institute of Oceanography; Yui Takeshita, MBARI; Cassie Wilson, UCAR COL
- 13:30** Industry Panel Session: Community Needs, Next Steps | Facilitators: Bill Lingsch, NOAA Contractor; Hank Statscewich, University of Alaska Fairbanks
- 15:00** Poster Lightning Talk Advertisements | Facilitator: Nick Rome, UCAR COL
- 15:30** Break
- 16:00** Poster Session
- 17:00** Day 1 Closing Remarks
- 17:30** Sponsored Cocktail Hour at the Graduate Hotel
- 19:30** Adjourn

Agenda Day 2: September 11

- 08:00** Registration & Coffee/Continental Breakfast
- 08:30** Welcome | Georgia Coward, UG2 Coordinator
- **Day 1 Recap & Day 2 Setup**
- 08:45** Keynote | Jay Austin, University of Minnesota Duluth
- 09:15** Oral Presentations: Data Management & Training | Facilitators: Barb Kirkpatrick, GCOOS/TAMU; Katelynn Johnson, University of Windsor - RAEON
- **Robert Currier**, Texas A&M/GCOOS: *Using Community Collaboration to Build the Next Generation of GANDALF*
 - **Rob Cermak**, University of Washington: *Enhancing Processing and Management of Multidimensional Glider Sensor Data*
 - **Alexey Mishonov**, NOAA/NCEI: *Glider Data in WOD23 — the Major Contributor*
 - **Liesl Hotaling**, Marine Technology Society: *Building an Ocean Technician Workforce Using Microcredentials*
 - **Carlos Barrera**, Oceanic Platform of the Canary Islands (PLOCAN): *PLOCAN Glider School — A Decade of Training and International Engagement on Ocean-Glider Technologies*
- 10:30** Break – Posters
- 11:15** Breakout Sessions
- **Session 1: MTS Microcredentials** | Facilitators: Liesl Hotaling, Marine Technology Society; Josh Kohut, Rutgers University
 - **Session 2: Data Management – Navigating Glider Data** | Facilitators: Jennifer Bowers, NOAA NCEI; Leila Baghdad-Brahim, Tetrattech RPS North America; Jennifer Sevadjan, Scripps Institution of Oceanography
- 12:30** Lunch
- **Early Career Mentorship Luncheon: Federal & Industry Jobs Tables for Informal Q&A Discussions** | Facilitators: Cassie Wilson, UCAR COL; Karen Dreger, Skidaway Institute of Oceanography

Agenda Day 2: September 11

13:30 Breakout Sessions

- **Session 1: Data Management – Overcoming Data Hurdles** | Facilitators: Jennifer Bowers, NOAA NCEI; Joshua Hill, The Institute for Advanced Analytics and Security; John Horne, University of Washington
- **Session 2: Sustained National Glider Network** | Facilitators: Daniel Rudnick, Scripps Institution of Oceanography; J. Xavier Prochaska, UC Santa Cruz
- **Session 3: Glider Operations and Logistics** | Facilitators: Karen Dreger, Skidaway Institute of Oceanography; Dave Aragon, Rutgers University

15:00 Break

15:45 Vendor Presentations | Facilitators: Bill Lingsch, NOAA Contractor; Hank Statscewich, University of Alaska Fairbanks

- Teledyne
- Alseamar
- Nortek
- RBR
- Hefring Engineering

17:00 Day 2 Closing Remarks

17:30 Sponsored Cocktail Hour at the Kensington Hotel

19:30 Adjourn

Agenda Day 3: September 12

08:00 Coffee & Continental Breakfast

08:30 Welcome | Georgia Coward, UG2 Coordinator

- Day 2 Recap & Day 3 Setup

08:45 Oral Presentations: Logistic/Mission Planning & Sustained Observations | Facilitators: Kevin Martin, University of Southern Mississippi; Kathleen Bailey, NOAA/U.S. IOOS Office

- **Daniel Rudnick**, Scripps Institution of Oceanography: *The California Underwater Glider Network: Nearly 20 Years of Sustained Coastal Ocean Observation*
- **Jace Marquardt**, Oregon State University: *Gliding into Action: Exploring the OSU Glider Research Group*
- **Hank Statscewich**, University of Alaska Fairbanks: *Advanced Operating Techniques for Underwater Gliders: Buoyancy Pump Settings, Thruster Usage and Battery Life*
- **Justin Buck**, National Oceanography Centre, UK: *Using a Digital Twin to Bring Researchers Closer to Ocean Glider Observations*

10:00 Break

10:45 Oral Presentations: Acoustics | Facilitators: Karen Dreger, Skidaway Institute of Oceanography; John Horne, University of Washington

- **Shannon Rankin**, NOAA Fisheries: *NOAA Fisheries' Strategy for Passive Acoustic Gliders*
- **Katherine Gallagher**, Stony Brook University: *Matching Synoptic Oceanographic Data and Baleen Whale Detections in Time and Space*
- **Mark Yamane**, University of Washington: *Adding to the Picture: Optic and Active Acoustic Data Product Transmission for Near-Real-Time Ecosystem Monitoring*
- **Natalia Sidorovskaia**, Department of Physics, University of Louisiana at Lafayette: *Northern Gulf of Mexico Passive Acoustic Reconnaissance with the Slocum G3 Glider*

Agenda Day 3: September 12

11:45 Report-out Session from Breakout Groups | Facilitators: Nick Rome, UCAR COL; Russ Miller, CIGLR

- UG2 Communications
- Sustained Glider Network
- Data Management
- Glider Operations and Logistics
- Additional Report Out

12:30 Lunch / Breakout Session

- Working Lunch: Building the Next Version of GANDALF | Facilitator: Bob Currier, Texas A&M/GCOOS

13:30 Action Items – Moving Forward Community Discussion | Facilitators: Barb Kirkpatrick, GCOOS/TAMU; Yui Takeshita, MBARI

- Sustained Observing
- UG2's Next Steps as a User Group
- Data Management
- Global Collaboration
- Training

14:30 Close UG2 Workshop | Georgia Coward, UCAR COL; Russ Miller, CIGLR

15:00 Adjourn

17:00 Finish Take Down