



- Responses from 5 Federal Agencies and 11 Regional Associations (respondents affiliated with 10 different departments and agencies).

| Federal      | # of respondents | RAs      | # of respondents |
|--------------|------------------|----------|------------------|
| NOAA         | 12               | MARACOOS | 10               |
| EPA          | 4                | AOOS     | 4                |
| BOEM         | 3                | NANOOS   | 2                |
| NAVY         | 3                | CeNOOS   | 2                |
| USACE        | 1                | GCOOS    | 2                |
| NSF          | 1                | CariCOOS | 2                |
|              |                  | PacIOOS  | 3                |
|              |                  | SECOORA  | 1                |
|              |                  | NERACOOS | 1                |
|              |                  | SCCOOS   | 1                |
|              |                  | GLOS     | 1                |
| <b>TOTAL</b> | <b>24</b>        |          | <b>29</b>        |

- Salinity, Temperature, and DO are the most required measurements.
- Most geographic regions were evenly collected from (Low standard dev. - 0.06)
- 66% of respondents said they were able to meeting the requirements laid out by their funding agency.
- 96 % of respondents said gliders would help improve meeting their subsurface observing/data requirements.
- Salinity, Temperature, DO, and Colored Dissolved Organic Matter are the most collected variables.
- 86% of respondents said that they utilize gliders (44 % <50%; 42% >50% of the time) to meet their subsurface requirements.
- 81% of respondents said that they have flexibility when sending or receiving funding to modify glider missions or sensors to accommodate collaboration and leveraging of resources.
- 34% of respondents said that if acting as a funder, they would NOT participation in a glider user group if one existed.
- 85% of respondents said that funding was the major limitation in collecting subsurface data.
- 82% of respondents ARE aware of the IOOS National Glider DAC.
- 94% of the data collected by respondents is public.

- 57% of respondents said they would require operators to submit data to the Glider DAC.
- 90% of respondents said they would use collected subsurface glider data to improve model output.
- 83% of the primary subsurface data collection missions are research-based.
- 60% of respondents said they do NOT glider capacity to respond to unplanned events (i.e. oil spills, hurricane, etc.).
- 49% of respondents said they do NOT have adequate resources for maintenance and launch/recovery.
- Slocum gliders are the most operated by respondents.
- Collaboration types most interesting to respondents were data sharing, deployment/recovery resources, and platform sharing.
- 92% of respondents are open to adding sensors, or modifying sensor location or sampling strategy to facilitate joint glider missions.
- 86% of respondents said they would use a community forum such as an email listserv that informs the community about deployments and serves as a platform to describe needs.
- 81% of respondents said they would participate in a glider user group.
- 66% of respondent think a standardized interface in glider trainings would be useful.