

STEPHEN C. DIGGS Biosketch
University of California Office of the President
CDL/UC3

A. Professional Preparation

University of California San Diego Decision Sciences / Quantitative Economics BS 1995

B. Appointments

01/2023 - pres **Research Data Specialist and Sr. Product Manager**,
University of California Office of the President, UC3

02/2018– 1/2023 **Technical Director**, CLIVAR and GO-SHIP Hydrography, Scripps Institution of
Oceanography (SIO)

12/2017 - pres **Instructor**, Research Data Science School (CODATA/RDA)

11/1996 – 02/2008 **Instructor**, UCSD Extended Studies – Computer and Information Science

12/1996 – 01/2018 **Data / Project Manager**, WOCE and CLIVAR Hydrographic Data Office, Scripps
Institution of Oceanography (SIO)

05/1994 – 12/1996 **Software Engineer**, Joint Environmental Data Center, SIO

05/1992 – 05/1994 **Software and Field Engineer**, Climate Research Division, SIO

06/1985 – 05/1992 **Manager, Computer Systems Group**, Photon Research Associates

C. Products - 7 most relevant

Morris Tamaryn, Scanderbeg Megan, West-Mack Deborah, Gourcuff Claire, Poffa Noe, Udaya Bhaskar Tvs, Hanstein Craig, **Diggs Steve**, Talley Lynne, Turpin Victor, Liu Zenghong, Owens Breck (2023). **Best practices for Core Argo floats: Getting started, physical handling, metadata, and data considerations.** Version 1. [GOOS ENDORSED PRACTICE]. 45pp. <https://doi.org/10.25607/OBP-1967>

Boyer, T., Zhang, H.-M., O'Brien, K., Reagan, J., **Diggs, S.**, Freeman, E., Garcia, H., Heslop, E., Hogan, P., Huang, B., Jiang, L.-Q., Kozyr, A., Liu, C., Locarnini, R., Mishonov, A. V., Paver, C., Wang, Z., Zweng, M., Alin, S., ... Wong, A. P. S. (2023). **Effects of the Pandemic on Observing the Global Ocean.** In Bulletin of the American Meteorological Society (Vol. 104, Issue 2, pp. E389–E410). American Meteorological Society. <https://doi.org/10.1175/bams-d-21-0210.1>

Tanhua, Toste; Lauvset, Siv; Lange, Nico; Olsen, Are; Álvarez, Marta; **Diggs, Stephen**; Bittig, Henry; Brown, Peter; Carter, Brendan; da, Cunha.; Feely, Richard; Hoppema, Mario; Ishii, Masao; Jeansson, Emil; Kozyr, Alex; Murata, Akihiko; Pérez, Fiz; Pfeil, Benjamin; Schirnack, Carsten; Steinfeldt, Reiner; Telszewski, Maciej; Tilbrook, Bronte; Velo, Anton; Wanninkhof, Rik; Burger, Eugene; O'Brien, Kevin; Key, Robert: **A vision for FAIR ocean data products.** *Commun Earth Environ* 2, 136 (2021). <https://doi.org/10.1038/s43247-021-00209-4>

Katsumata, K., Purkey, S., Cowley, R., Sloyan, B., **Diggs, S.**, Moore, T., Talley, L., and Swift, J.: GO-SHIP Easy Ocean: **Formatted and gridded ship-based hydrographic section data**, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-3619, <https://doi.org/10.5194/egusphere-egu21-3619>, 2021

Diggs, S. and Kinkade, D.: **Re-envisioning data repositories for the 21st century**, EGU General Assembly 2020, Online, 4–8 May 2020, EGU2020-20826, <https://doi.org/10.5194/egusphere-egu2020-20826>, 2020

MacKinnon, J. A., Zhao, Z., Whalen, C. B., Waterhouse, A. F., Trossman, D. S., Sun, O. M., St. Laurent, L. C., Simmons, H. L., Polzin, K., Pinkel, R., Pickering, A., Norton, N. J., Nash, J. D., Musgrave, R., Merchant, L. M., Melet, A. V., Mater, B., Legg, S., Large, W. G., Kunze, E., Klymak, J. M., Jochum, M., Jayne, S. R., Hallberg, R. W., Griffies, S. M., **Diggs, S.**, Danabasoglu, G., Chassignet, E. P., Buijsman, M. C., Bryan, F. O., Briegleb, B. P., Barna, A., Arbic, B. K., Ansong, J. K., & Alford, M. H. (2017). **Climate Process Team on Internal Wave–Driven Ocean Mixing**, *Bulletin of the American Meteorological Society*, 98(11), 2429-2454. Retrieved Jun 4, 2021, <https://journals.ametsoc.org/view/journals/bams/98/11/bams-d-16-0030.1.xml>

Pouliquen, S, Diggs, S, Roemmich, D, Gould, J, Desaubies, Y, **ARGO requirements for more rapid and easier access to CTD data**, Nineteenth Session of the IOC Committee on International Oceanographic Data and Information Exchange (IODE-XIX), Trieste, Italy, 12-16 March 2007, UNESCO

Products - other

Diggs, S. Hall, N. White, W., **Joint Environmental Data Analysis Center Contributions to WOCE International** WOCE Newsletter, April 1996

D. Synergistic Activities

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|-------------------|---|
| 01/2024 - pres | Chair: Equity, Diversity, Inclusion and Justice (EDIJ) Committee (EDIJ) - Earth Science Information Partners (ESIP) |
| 12/2023 - pres | Member: Council on Library and Information Resources (CLIR) Climate Curriculum Committee |
| 06/2020 - pres | Co-Chair: Southern Ocean Observing System (SOOS) EDI Committee |
| 11/2022 - pres | Member: National Academies of Sciences, Engineering, and Medicine (Board on Research Data and Information - BRDI) |
| 12/2021 - pres | Member: United Nations Ocean Decade Data Coordination Committee |
| 02/2021 - pres | Member: Scientific Committee on Antarctic Research (SCAR) EDI Action Group |
| 01/2022 - 07/2023 | Chair: Data Stewardship and Preservation - Earth Science Information Partners (ESIP) |
| 11/2018 - 07/2022 | Co-Chair: CODATA Improving Data Access and Reuse Task Group (IDAR-TG) |
| 01/2018 - 01/2019 | Vice President: Earth Science Information Partners (ESIP) |
| 09/2016 - 11/2018 | Member: Technical Advisory Board, Research Data Alliance (RDA) |
| 09/2015 - 12/2017 | Co-PI: SeaView (EarthCube Integrated Activity), NSF OCE Award # 1540966 |
| 02/2015 - 05/2019 | Chair: Southern Ocean Observing System - Data Management Subcommittee (SOOS-DMSC), Member of the Scientific Steering Committee (2012 - present) |