

Hallie Graves

Geosciences Manager

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TDI-Brooks International, Inc.

14391 S. Dowling Rd, College Station, TX 77845

Ph: (979) 693-3446 Fax: (979) 693-6389

www.tdi-bi.com

PROFESSIONAL EXPERIENCE

- Geosciences Manager, TDI-Brooks International Inc., July 2025 - Present
- Geosciences Manager/Senior Marine Geoscientist, Geo SubSea Consulting, Feb 2020-Jun 2025
- Career Sabbatical to Raise Children, May 2015-Feb 2020
- Supervising Geoscientist, Fugro GeoConsulting, Mar 2014-May 2015
- Senior Marine Geoscientist, C & C Technologies, Jul 2006-Mar 2014
- Physical Scientist, GeoAcoustics Branch, Naval Oceanographic Office, May 2002-Jul 2006

PROFESSIONAL SUMMARY

Experienced leader, collaborator, and facilitator who excels in delivering on project commitments and technical program management with multidisciplinary teams across organizations. Detail-oriented offshore site investigation specialist with extensive experience analyzing technical data to identify offshore environmental and operational hazards and synthesizing findings in technical impact assessments and regulatory reports. Skilled project manager with a strong track record of successful interdisciplinary collaboration with internal teams, clients, and stakeholders. Exemplary organizational and project management skills proven through prompt delivery of high-quality work products in fast-paced, dynamic, collaborative work environments.

KEY ACHIEVEMENTS – TDI Brooks International, Inc.

- Coordinates geoscientific activities related to offshore exploration, development, and production projects.
- Participates as a key technical advisor to business line managers, ensuring that geoscience inputs align with the company's data acquisition strategy and operational objectives.
- Liaisons with clients and project teams to develop acquisition plans suited for development needs.

KEY ACHIEVEMENTS - Geo SubSea Consulting, LTD

- Collaborative author on three Construction Operation Plans (COP)/Marine Site Investigation Reports (MSIR) for New England Offshore Wind Development programs.
- Senior Technical Lead/Project Manager responsible for all primary survey development through execution tasks (geophysical, geotechnical, and environmental offshore programs-multiple simultaneous survey vessels and scouting vessels) for project duration. Duties include pre-survey coordination of planned activities, survey design, verification of required documentation, field program supervision and coordination, quality control of all data, post-survey data and reporting review, and scheduling and coordination of the project team to meet deadlines as well as budgetary requirements.
- Data Quality and Assurance Manager for offshore wind geophysical, geotechnical, and environmental programs.
- In-house procedure documentation, training and development for Geoscientists. Project management development with workflows, timeline development, and implementation.
- Developed onboarding program for new Geoscientists. Performed annual employee reviews.

KEY ACHIEVEMENTS – Fugro GeoConsulting

- Supervising geoscientist for 3D/AUV/conventional geohazard assessments for worldwide campaigns.
- Project manager for staff geoscientists, quality control of interpretation and reporting, and report reviewing.
- Coordinate with clients for project duration through final deliverables related to agency and contractual requirements.
- Member of multidisciplinary teams and primary geoscientist for numerous geohazard projects.

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KEY ACHIVEMENTS – C&C Technologies

- Lead project geologist for 3D/AUV/conventional/SAS studies in the Gulf of Mexico. Major responsibilities include establishing timelines, budget estimates, quality control of all data and products, and verifying final deliverables related to contractual requirements. Member of multidisciplinary team and primary coordinator for all project details.
- Manage and oversee all facets of the project: data acquisition and processing, cartography, engineering constraints, interpretation, reporting, and final presentation.
- Perform analysis, interpretation, and reporting for shallow and deepwater geophysical programs.
- Project types include shallow hazard assessments, desktop studies, block studies, pipeline routing, benthic assessments, well site and anchor clearances, lease term pipeline letters, shallow gas assessments, site specific studies, post-hurricane assessments, and litigation consultation.
- Identify and problem-solve any regional and site specific geological, man-made hazards, or engineering constraints to the proposed field development.
- In-house procedure documentation, training and development for Geoscientists. Project management development with workflows, timeline development, procedural documentation, and implementation.
- Member of in-house GIS geological database development team responsible for capturing data collected and incorporating academic studies into a user-friendly database system.
- Developed training program, internal standardization procedures, accounting software project management evaluator, and procedural developer.
- Lead developer and SME for AUV data interpretation training program. Developed a textbook manual for use in training personnel in offshore survey related theories and technologies specific to AUV surveys. Authored chapters include Introduction to Surveying; Underwater Acoustics and Wave Propagation, Geodesy, GPS and Mapping, Multibeam, Side Scan Sonar, Subbottom Profiler, AUV Survey Operations, Data Quality Control and Troubleshooting. Edited chapter on Navigation and Positional Sensors.
- Contract manager of ONR Contract N-00014-09-C-0497 partnered with US Navy. Survey coordinator and logistical liaison for sea trials of multiple REMUS vehicles and associated survey planning on vessels of opportunity in the Gulf of Mexico.
- Mentor to four C&C sponsored Angolan nationals during their training in hydrographic surveys, mapping, and database population. Mentored the students in the preparation of a business plan for the C&C Angolan Nautical Charts & Offshore Database (ANCOD) presented to the Angolan government for nautical charting services and sponsoring of a national database.

KEY ACHIVEMENTS – Naval Oceanographic Office (NAVOCEANO)

- Processed and analyzed side scan sonar data for hazard detection, seafloor characterization, and fleet support.
- Managed data QC, analysis procedures, and staff and fleet training in sonar data interpretation.
- Supported Hurricane Katrina Relief for debris assessment and Operation Iraqi Freedom by integrating multiple sonar datasets for battlefield intelligence.
- Collaborated with software developers to improve data processing programs and fleet usability.

FORMAL EDUCATION

- University of Southern Mississippi, Stennis Space Center, MS. Masters-Level Coursework: Geologic Oceanography and Modern Cartography, 2002–2004
- Louisiana State University: Bachelor of Science in Geology/Geophysics, 2000

PROFESSIONAL TRAINING & ORGANIZATIONS

- Side Scan Sonar Theory (Woods Hole Oceanographic Institution 2002)
- Coastal Multibeam Sonar Training Course (29th UNB OMG/UNH CCOM 2002)
- Seismic Stratigraphy & Geomorphology (SEG 2008)

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- Practical Salt Tectonics (AAPG 2008)
- Marine Site Characterization Course (SUT 2010)
- Technical Writing (AAPG 2010, 2013)
- Leadership & Management Skills (SkillPath 2010)
- Offshore Wind Partnering Forum & Oceanic Network Member (2021 - 2025)
- SEG Member (2022, 2025)

SOFTWARE

Kingdom HIS, Global Mapper, Moga (SeaView), SonarWiz, Fledermaus, SeisSee, MagPick, ArcGIS, QGIS, AutoCAD, SmartSheet, Microsoft 365 Suite, Adobe Creative Suite