

Marine geoscience advice you can build on.

MGC is an independent marine geoscience advisory firm. We act as the owner's technical voice for offshore energy developers, engineering firms and government agencies, turning geophysical, geotechnical and environmental data into decisions on sites, routes, surveys and risk. Our principals bring more than 40 years of combined offshore experience across wind, oil and gas, and subsea cable and pipeline projects.

ADVISORY SERVICES

Survey strategy and oversight

Independent scoping, specification and tender of geophysical, geotechnical and environmental surveys; vendor and vessel selection; mobilization review; QA/QC, cost and schedule control.

Geophysical and geohazard advisory

Interpretation of multibeam, side-scan, sub-bottom, magnetometer and 2D/3D seismic data into geohazard and constraint maps your engineers can design from.

Geotechnical advisory

CPT, borehole and core data integrated with the geophysical model into one ground model; soil characterization for foundations, cables and pipelines; independent review of contractor reports.

Environmental and regulatory advisory

Scoping of baseline surveys and sampling programs; oversight of benthic and water-quality studies; technical inputs for BOEM, BSEE and FERC submissions and permitting.

HOW WE ENGAGE

- **Owner's engineer for data.** We sit on your side of the table from first desktop study to final deliverable.
- **Decision-ready outputs.** Ground models, maps and reports, numbered, version-controlled and independently checked before issue.
- **Flexible scope.** Single reviews, standing support, or a full technical team alongside yours.

REPRESENTATIVE ADVISORY WORK

- Desktop geological and geohazards assessment for a Gulf Coast LNG terminal supporting federal permitting.
- Regulatory submission package and survey strategy for a deepwater multiclient seep survey.
- Offshore wind area screening and early-stage site assessment, including Nova Scotia Wind Energy Areas.
- Principals have authored hundreds of survey reports for energy clients, BOEM, BSEE and state agencies.

WHO WE ADVISE

Offshore wind developers
Oil and gas operators
Cable and pipeline owners
Engineering and survey firms
Federal and state agencies

PRINCIPALS

Eric Fischer

Principal Consultant, Geophysics

19+ years. Party Chief on more than a dozen vessels; directed data collection for 300+ surveys.

Bruce Samuel

Principal Consultant, Geoscience

25+ years in site investigation and geohazards. Texas P.G. M.S. Geology and Geophysics.

COMPANY DATA

Status

SBA-certified SDVOSB. SAM.gov registered

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NAICS

541360 (primary), 541370

Licensed staff

Texas Professional Geoscientist

Offices

Houston, TX and New Orleans, LA

Tell us about your project.

We will tell you what the data can answer, and what it cannot.

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