

Thomas J. Gorgas, Ph.D.

Geoscientist | Geo-NMR Specialist | Geotechnical Consultant

Bauburgerstraße 28 · D-80922 München, Germany

+49 (0)157 5223 9397

thomas.gorgas@gmail.com | info@geophysics-pronature.eu

www.geophysics-pronature.com



Executive Profile

Geoscientist and entrepreneur with 25+ years of international experience across academia, industry, and applied geophysics. Specialized in Geo-NMR, geophysical surveys, and GIS-based data integration for environmental and climate-focused applications.

Proven track record in leading multidisciplinary teams, managing international research and industry projects, and translating complex geoscientific data into practical solutions. Experience spans offshore expeditions, continental drilling programs, and entrepreneurial ventures across Europe and the United States.

Core Expertise

- Geo-NMR & advanced geophysical methods
- GIS & integrated subsurface data analysis
- Environmental & climate-focused site evaluation
- Project leadership & international collaboration
- Scientific drilling & marine geophysics
- Science communication & media production

Professional Experience

Founder & Managing Director

Geophysics ProNature UG | Germany | 2021–present

Applied geophysical solutions for environmental and climate protection, with focus on Geo-NMR and GIS. International collaborations across Europe, the U.S., and South America.

Service Line Manager Geophysics

FUGRO Germany Land GmbH | 2019–2020

Led regional geophysics operations (Berlin & Saxony), developed business strategies, and improved operational performance within 18 months.

Thomas J. Gorgas, Ph.D.

Geoscientist, mentor, and entrepreneur — committed to connecting science with society

Project Coordinator & Data Manager

GFZ Potsdam | 2015–2018

Coordinated Horizon 2020 projects, managed international data workflows, and contributed to scientific governance structures.

Physical Properties Specialist

IODP / Texas A&M University | 2009–2015

Conducted onboard analysis during international ocean drilling expeditions; mentored early-career scientists in multidisciplinary teams.

Earlier Roles (USA & Germany) | 1991–2009

Marine geophysics, offshore surveying, scientific diving, and media production (A&E, NOAA, Discovery Channel).

Education

Ph.D. (Dr. rer. nat.), Geology & Geophysics — University of Hawai‘i at Mānoa

Diploma in Geophysics — University of Kiel

Postdoctoral Research — Hawaii Natural Energy Institute

DAAD Scholar — Hawaii Institute of Geophysics

Selected Recognition

- SEG ExxonMobil Scholarship
 - IODP Annual Award for Client Service
 - Documentary Film Prize (Schleswig-Holstein)
 - iParenting Media Award
-

Technical & Professional Skills

Geo-NMR · Borehole Geophysics · GIS (ESRI) · Data Integration · Scientific Drilling
Leadership · Mentoring · Project Management · Science Communication

Languages: German (native) · English (C2) · Spanish (basic)

Thomas J. Gorgas, Ph.D.

Geoscientist, mentor, and entrepreneur — committed to connecting science with society