

William (Bill) Shedd graduated from the University of Rochester in 1973 with a B.A. in geology. As part of his coursework there, he attended the 1972 fall semester at the West Indies Lab, St. Croix, U.S.V.I. and worked for the Smithsonian Institute under Dr. Walter Adey on a Holocene carbonate reef research project. He worked for Western Geophysical on a marine crew in the Gulf of Mexico in 1974 until he began his M.S. coursework at Louisiana State University in geology. After completing his coursework at LSU and the third draft of his thesis, he worked for Shell Oil Co. and several independent oil companies from 1977 to 1997. In 1997 he joined the Minerals Management Service (MMS) as a geophysicist in the Resource Evaluation Division, Geological & Geophysical Section evaluating bids on lease blocks after lease sales. While doing this work, he recognized that seafloor amplitude response on industry 3-D seismic data is an effective tool in locating seafloor oil and gas seeps, subsurface migration conduits, natural gas hydrates, and chemosynthetic communities. He then joined the Resource Studies Section at the MMS and became active in the *Johnson Sealink* submersible dive program contracted through LSU to Dr. Harry Roberts, Woods Hole's *Alvin* submersible, and NOAA's *Jason* and *Okeanos Explorer* to groundtruth the seismic mapping of seafloor amplitude anomalies. To date, he and his team have identified over 32,000 seep and non-seep related amplitude anomalies in over 230,000 square kilometers in the deep water Gulf of Mexico and published the downloadable shapefiles on BOEM's website (<http://www.boem.gov/Oil-and-Gas-Energy-Program/Mapping-and-Data/Map-Gallery/Seismic-Water-Bottom-Anomalies-Map-Gallery.aspx>). He is about to publish a bathymetry map of the deepwater GOM derived from the interpretations from the amplitude project on the BOEM website. He and his group combined all the X-Y-Zs, binned them at 40 feet across the GOM to produce one map with consistent resolution that will be available to the public for download.

He has been actively involved in gas hydrates mapping and research, resource assessment, and site selection for the drilling of 7 wells by the Chevron/DOE Hydrate JIP in 2009. He is presently involved in the site selection and the sponsor committee of the University of Texas/DOE hydrate coring of the 2009 JIP drillsites and new exploration sites with the IODP in the GOM. He has been lead author or co-author on 39 publications, oral presentations, and posters since 2001.

He is presently the unit supervisor for BOEM's Regional Analysis Unit, Resource Evaluation, Gulf of Mexico Region, in New Orleans, LA. He can be contacted at william.shedd@boem.gov, office phone 504-736-2497, office address 1201 Elmwood Park Blvd, New Orleans, LA, 70123.

