

## **GREGORY A. NEWMAN**

Dr. Gregory Newman is a Senior Scientist within the Energy Geosciences Division at Lawrence Berkeley National Laboratory. Prior to this appointment in January 2004, Dr. Newman, worked nearly fourteen years at Sandia National Laboratories, Geophysical Technology Department. His interest, include, large-scale, multi-dimensional, inverse and forward modeling problems arising in exploration geophysics, parallel computation, electromagnetic geophysics and computational seismology. He has over 25 years of experience in large-scale geophysical field simulation and computation. In 2000, Dr Newman was a Mercator Fellow at the Institute for Geophysics and Meteorology, University of Cologne, Federal Republic of Germany. Fellowship was awarded from the German National Science Foundation. Dr. Newman was also affiliated with this institution from 1987-1989 as an Alexander von Humboldt Fellow. In 2009 products of his research work was recognized with an R&D 100 award.

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**PHD DISSERTATION:** Three-dimensional Transient Electromagnetic Modeling for Exploration Geophysics

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