**Final Report
6/25/2002**

**Project Title : The 15th Workshop on Electromagnetic Induction in the Earth Held 8/20 -
26, 2000 and The 5th Magnetotelluric Data Interpretation Workshop 8/17-19, 2000.**

DOE Agreement Number DE-FG02-00ER15110

Submitted to

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1.0 Introduction

The fifteenth EM Induction and the fifth MT Data Interpretation workshops were held from the 18th to 26th of August, 2000, in the cities of Cabo Frio and Rio de Janeiro, Brazil, respectively, on the southwestern Atlantic coast. In all, approximately 300 scientists and students from around the world attended the EM Induction workshop, with a smaller number attending the data interpretation portion. Nine different sessions were included in the workshop (see Table 1 for a list of sessions), with subjects ranging from near surface environmental studies to deep mantle probing, and from new theoretical advancements to recent developments in instrumentation. To help support participation at the workshop, the Department of Energy awarded the University of Wisconsin \$10 000 to provide travel funding for students and scientists that would otherwise be unable to attend.

2.0 Results of DOE Funding

With the money provided by the Department of Energy, the University of Wisconsin was able to provide travel support for one senior US scientist, three US students, and seven foreign students. In most of the cases, the reimbursement covered only the airfare and local transportation. However, in two of the cases hotel accommodations were also provided. The funded parties, along with their association and the amount they were provided, are listed in Table 2.

Session 1	Environmental and geotechnical control and investigation with E and EM techniques
Session 2	Applied and fundamental EM and CSMT in ocean studies
Session 3	Studies of the earth's mantle from long-period ground-based and satellite EM data
Session 4	New techniques on tensor decomposition and multidimensional forward modeling
Session 5	EM imaging: inversion and interpretation approaches
Session 6	Case studies of E and EM surveys in natural resources
Session 7	Array EM studies
Session 8	Local and regional electromagnetic studies
Session 9	New instrumental and experimental approaches and results

Table 1 – List of sessions that were held at the 15th EM Induction Workshop in Cabo Frio, Brazil.

Name	Association	Funded Amount
Paul Bedrosian	Student, University of Washington, US	\$873.30
Pandey Dhananj ai	Student, Southampton Oceanography Center, UK	\$845.00
Wiebke Heise	Student, University of Barcelona, Spain	\$993.00
Kerry Key	Student, University of California-San Diego, US	\$1116.80
Iikka Lahti	Student, University of Oulu, Finland	\$1288.40
Louise Pellerin	Consultant. US	\$1723.70
Lilliana Pereira de Matos	Student, Portugal	\$870.00
Antti Pulkkinen*	Student, Finnish Meteorological Institute, Finland	\$2122.55
Richard Quesada	Student, Sand Diego State University, US	\$817.50
Kirsten Roden	Student, Tech. University of Braunschweig, Germany	\$586.00
Wolfgang Soyer	Student, FU Inst. Geologie/Geophysik, Germany	\$668.47

Table 2 – List of scientists and students receiving travel support from the DOE grant. The * designates a student only partially supported by the DOE, with the remaining money provided by the University of Wisconsin.