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**Grants and Contracts**

- Stabilization and improvement of soils with considerable organic content, Joint Transportation Research Program (INDOT-FHWA) (2000-2004)
- Use of Cement kiln dust (CKD) for subgrade stabilization/modification, Joint Transportation Research Program (INDOT-FHWA) (2001)
- Use of Cement kiln dust (CKD) for subgrade stabilization/modification, Lehigh Cement Company (2001)
- Stress-strain-strength behavior of in-situ cement treated cohesive soils, Purdue Research Foundation (PRF) (2002, 2004-2005)
- Developing the awareness of the role of soil mechanics and soil science in space exploration, Indiana Space Grant Consortium funded by NASA (Jan.2001-June 2001)
- Soil treatment with thixotropic fluids: an autoadaptive design for liquefaction prevention (phase I), National Science Foundation (NSF) (Sep.2001-Feb.2003)
- Mitigating the expansive behavior of chemically treated soils, Joint Transportation Research Program (INDOT-FHWA) (2002-2005) (1.5 years extension granted)
- Development of Criteria for the utilization of cement kiln dust (CKD) in highway infrastructures, Joint Transportation Research Program (INDOT-FHWA) (2002-2004)
- Recycling of landfilled cement kiln dust (CKD) in highway infrastructures, Lehigh Cement Company and Indiana Department of Commerce (2003-2005) (1 year extension granted)
- Rheometrical techniques for the characterization of clay - based suspensions relevant to geotechnical engineering, National Science Foundation (May 2003-Dec.2004) (1.5 years extension granted)
- Soil treatment with thixotropic fluids: an autoadaptive design for liquefaction prevention (phase II), National Science Foundation (NSF) (2004-2007)
- Classification of organic soils, Joint Transportation Research Program (INDOT-FHWA) (August 2005 – Oct 2006)
- Building on collapsible soils, Joint Transportation Research Program (INDOT-FHWA) (January 2007 – August 2008)