

Oil & Gas Research Program- Grant Round 49- Application Summaries						
Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
G-49-B	Weather Information System to Effectively Reduce Oilfield Delays and Disruption (WISE Roads)	Western Dakota Energy Association	24 Months	The Wise Roads project will deploy weather stations to provide localized road condition data, helping counties make more precise road restriction decisions, reduce disruptions to oilfield traffic, and improve transportation efficiency.	\$250,000	\$500,000+
G-49-C	AUG Field Trip-Promoting Student Interest in Geology and Geological Engineering	Association of UND Geologists	14 Months	This project will provide a three-day educational field trip for University of North Dakota students to explore western North Dakota geology, oil and gas operations, and geological engineering. The project aims to increase interest in geology careers through hands-on learning at drilling sites, producing wells, and significant geological and paleontological locations.	\$5,300	\$10,600
G-49-D	Development & Automation of Aerial Analytics Tools for Remotely Measuring Reclamation Success & Landslide Susceptibility in ND	SolSpec, Inc.	16 Months	This project will develop and automate aerial analytics tools that use drone imagery to evaluate well site reclamation success and identify pipeline landslide risks. The project aims to improve the efficiency, safety, and cost-effectiveness of oil and gas operations by providing automated decision-making tools for operators and regulators.	\$252,385	\$504,770
G-49-E	Underground Storage of Produced Natural Gas- Conceptual Evaluation and Pilot Project(s) (HB 1014)	Energy & Environmental Research Center (EERC)	25 Months	This project will evaluate the feasibility of underground storage and injection of produced natural gas in the Williston Basin to reduce flaring, increase gas capture, and support enhanced oil recovery. Pilot projects will assess the technical, economic, and regulatory viability of produced gas storage and injection in North Dakota.	\$6,000,000	\$6,000,000