

بیخاڵ – پرواندوز

A Scientific Trip

Soran University (SUN)



[By Ako Daraei](#)

This scientific trip is arranged by SUN's
Engineering faculty, Petroleum & Mining Engineering
Department (DPME)

eng.soran.edu.iq

پوخته

پوژی دوو شهممه ریکموتی (۲۲/۴/۲۰۲۴) قوتابیانی قوناغی یه کممی بهشی نغذایاری نموت و کانزاکان له بابتهی (Physical Geology) به سرپرشتی بهریز (د. ناکو دارای) ماموستای ههمان بابته ههلسان به نهمجامدانی سهرادانگی زانستی بو (بیخال - رهواندوز) به مهبهستی زیاتر ئاشنابوو و ههلسنگاندنی جووری بهردمکان، ههروهها به شیومیهکی پراکتیکی و لمم گهشتهدا قوتابیانی فیرکران و راهینران لهسهر چوینیتهی (Geological Structures and Discontinuous) ههروهها بو نهم مهبهسته قوتابیانی ههلسان به دیاریکردنی (dip and dip direction) به بهکارهینانی ئامیری (Geological Compass)

Abstract

On April 24, 2024, the first-year petroleum engineering students, under the guidance of Dr. Ako Daraei, participated in a scientific trip from Bekhal to Rwanduz. The purpose of this field trip was to provide students with practical experience in physical geology through geological surface mapping activities.

الملخص

تم قام طلاب السنة الأولى قسم هندسة البترول في مادة (Physical Geology) يوم الإثنين (٢٠٢٤/٤/٢٢) بإشراف الأستاذ (د. ناكو داراي) مدرس نفس المادة زيارة علمية إلى (بخال - راوندوز). قاموا بتقييم أنواع الصخور وكذلك تم تعليم وتدريب الطلاب على كيفية (Geological structures and discontinuous) ولهذا الغرض قام الطلاب بتحديد (dip and dip direction) باستخدام جهاز (Geological Compass)



 Dr. Ako Daraei (B.Sc., M.Sc., PhD) is a lecturer at [DCVE](#) with a focus on geotechnics. He was awarded his B.Sc. in Mining Engineering; [Lorestan University](#), M.Sc. in Rock Mechanics; [Sahand University of Technology](#), and PhD degrees in Rock Mechanics ; [Shahrood Univeristy](#) of Technology in Iran. He has 15 years of industry experience in various countries. Dr. Daraei has designed and built tunnels, roads, slope stability, and a few unique bridges. His principal scientific interests are geotechnics, tunnel design, instrumentation and monitoring, slope stability, back analysis, and rock and soil dynamics.

About Soran University

[Soran University \(SUN\)](#) is located in the city of Soran, which is about a two-hour drive north-east of [Erbil](#) (Arbil, Hewlér), the capital of the [Kurdistan Region](#) of Iraq (KRIQ). The city is flanked by the famous Korek, Zozik, Henderén, and Biradost mountains. The medieval mountain village of [Rewandiz \(Rawanduz, ڕه‌واندز\)](#) is a stone-cast away, and the two cities share this lovely, harmonious upland. While waiting for its green, environmentally friendly building to be erected on a hilltop overlooking the cities of Soran and Rewandiz, its existing city campus has been meticulously set out to accommodate the lovely natural landscape. The new campus will be the first of its type, being walkable, balanced, powered by renewable energy, and compliant with all international environmental regulations. There are 5 Faculties in [SUN](#); [Faculty of Arts](#) (FAAR), [Faculty of Science](#) (FSCN), [Faculty of Education](#) (FEDU), [Faculty of Law](#), Political Science, and Management (FLAW/PSM), and [Faculty of Engineering](#) (FENG). Also, there is SUN research centre. Moreover, at SUN, there is a Language Center. SUN signed many Memoranda of Understandings (MoU) with many International Universities,

How to get here

Soran University (SUN) is located in the heart of the city of Soran. The main city campus is easily found on Google Maps for direction.