

This fifth edition of the QGMP-II Newsletter provides a summary of the project's activities and achievements during the period from January to July 2026.

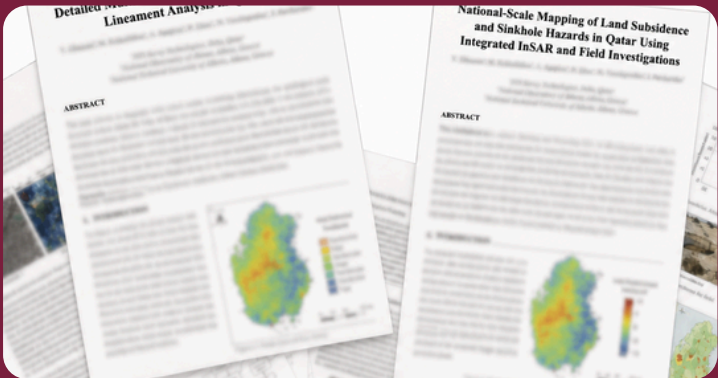
COORDINATION MEETINGS HELD TO ALIGN PROJECT EFFORTS

Regular internal and external meetings continued throughout the reporting period to review project progress, coordinate ongoing activities, address technical and administrative matters, and follow up on outstanding actions. Regular coordination meetings facilitated effective collaboration, supported decision-making, and ensured alignment with project milestones and deliverables.



SCIENTIFIC CONTRIBUTIONS

As part of the project's commitment to advancing geoscientific research and knowledge dissemination, two scientific publications have been submitted to peer-reviewed journals. These publications highlight key findings and technical achievements from the project, contributing to the scientific community while promoting the project's innovative methodologies and outcomes at the international level.

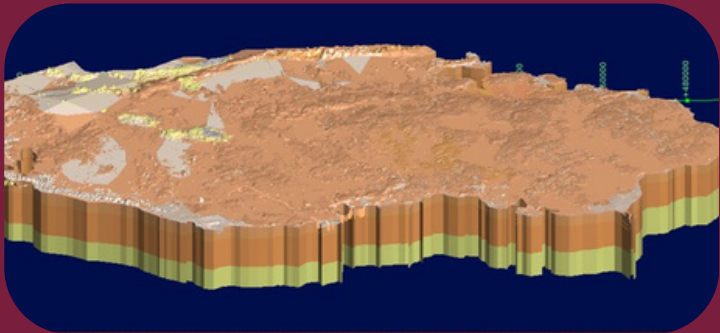


SUBSURFACE DRILLING PROGRAM SUCCESSFULLY COMPLETED

The project successfully completed all rotary core drilling activities, achieving a total of 5,570 metres of drilling across Qatar. In parallel, 265 hydraulic conductivity (packer) tests were carried out in 39 boreholes, providing valuable insights into the hydraulic properties of the subsurface. Surface geophysical surveys were also completed at Al Sailiya, Al Jumailiyah, and Dahl Mudhliem, with verification boreholes planned to validate the interpreted results. Additionally, approximately 2,300 geotechnical laboratory tests have been completed, supporting the detailed characterization of soil and rock materials and strengthening the project's subsurface geological assessment.

NEW 3D MODELING AND MONITORING TOOLS

To enhance the accuracy and visualization of Qatar's geological structure, the project team has transitioned to Leapfrog as the primary 3D modeling software. This industry-standard platform offers superior 3D visualization and faster data integration.



PALEONTOLOGICAL SURVEY HAS BEEN CONDUCTED BY TEAM EXPERTS

A comprehensive paleontological field survey was conducted by the project's expert team to identify, document, and assess fossil-bearing formations across selected locations in Qatar. The survey contributes to a better understanding of the country's geological history.



GEOSITES AND FOSSIL DISCOVERIES: PRESERVING NATURAL HERITAGE

Beyond engineering applications, the project is helping to identify and preserve Qatar's natural history. The team has submitted a detailed registry to the Ministry of Municipality that includes the coordinates of significant fossil localities and potential "Geosites. " These locations have been prioritized for their potential for geo-tourism development, ensuring that Qatar's unique geological heritage can be shared with the public and protected for the future.

PREPARATION OF THE GEOLOGY OF THE STATE OF QATAR BOOK

As part of the Project, the project team has initiated the preparation of the proposal and commenced the development of The Geology of the State of Qatar book. The publication will bring together scientific knowledge, technical findings, and geological data generated through the project in a comprehensive and accessible format.

QGMP-II POSTER

As part of the project's media and outreach activities, a draft project poster has been developed to the Project. The poster showcases the project's vision, objectives, technical methodologies, and major accomplishments, while illustrating progress across its key work packages.



Enhanced Mobile Mapping for Field Teams

Enhanced Mobile Mapping for Field Teams. The project's mobile mapping capabilities, powered by ArcGIS Field Maps, have received significant upgrades. The latest release features advanced Arcade scripts that transform standard pop-ups into intelligent, dynamic information windows. These tools allow field teams to see aggregated summaries and complex data logic on-the-fly, ensuring that the information captured on-site is immediately compatible with the central Enterprise Geodatabase.

