عنوان فارسی مقاله:
تحلیل نشست سد خاکی Mornos یونان: شواهدی از مدل سازی عددي و نظرت نقشه برداري

عنوان انگلیسی مقاله:
Settlement analysis of the Mornos earth dam (Greece): Evidence from numerical modeling and geodetic monitoring

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
8. Conclusions

The analysis of the deformation monitoring record of the Mornos dam revealed vertical displacements at the crest and the grouting gallery, with maximum movements occurring at the central cross sections of the dam. The vertical displacements of the dam are decreasing exponentially with time tending to their final values. The cross-comparison of the deformation analysis results with those obtained from the numerical analysis, proved that there is a good agreement between the field measurements and computed values. Experience from design and analyses of this project, shows that the combination of the FE method with deformation monitoring measures offers a feasible approach for verifying (or calibrating) the geometrical changes obtained from modeling studies, as well as for contributing to the physical interpretation of the underlying causes of these changes.