


Brief CV

Name/中文姓名	Ali Akbar Firoozi	Gender	Male	
Title (Pro./Dr.)	Dr.	Country	Botswana	
University/Department	University of Botswana			
Research Area	Soil Improvement, Unsaturated & Structured Soils, Foundation for Special Purposes, Numerical Analysis, Soil Testing Laboratory, Slopes Stability and Design, Problematic Soils & Expansive Soils, Tunnels and Bridge Area Piles, Micro Piles & Soil Nailing, Cementation Materials, Nanomaterial's & Nan composites, Microscopy Analysis (AFM, FESEM, SEM, TEM, XRF, XRD, FTIR), Microzonation & Site Effects, Cement & Concrete, Pipelines & Pumps, Materials for Constructions			

Brief introduction of your research experience:

I “Ali Akbar Firoozi” am a professional in Nanomaterials & Nanotechnology knowledge as stabilization materials for next generation Civil Engineering. I have Ph.D. in Civil Engineering from University Kebangsaan Malaysia (UKM). During my research, I have been fortunate enough to become an expert on X-ray Diffraction (XRD), X-ray fluorescence (XRF), Nuclear magnetic resonance spectroscopy (NMR), Field Emission Scanning Electron Microscope (FESEM) and Energy Dispersive X-ray Analysis (EDX). In addition, I was a lecturer in several universities and during my academic research, I have published more than 60 papers and one book (Basic Soil Mechanics). My academic training and more than 18 years of experience working as a civil engineer groomed me to be an effective researcher and engineer. During my 18 years of work experience as a Civil Engineering, I contributed to more than 100 projects as a project manager and designer (Soil Stabilization, Site effects, Pipelines, Pump stations, Irrigation, Steel and Concrete Structures, Roads, Bridges).

*******All the columns need to be filled in.**