

A) Seismic reflection

- Reservoir characterization using stochastic seismic inversion of 3D Kokako Dataset, Taranaki Basin, New Zealand (2017)
- Lithology delineation using stochastic seismic inversion of 3D Kora data set, Taranaki Basin, New Zealand (2017)
- Lithology delineation of Miocene and Oligocene in the Northern part of Bongkot Field, North Malay Basin, the Gulf of Thailand Using Pre-stack Deterministic Inversion (2017)
- Lithology prediction using pre-stack seismic inversion attributes in Tertiary clastic sediments, Western Nang Nuan Field, Gulf of Thailand (2017)
- Application of post-stack stochastic inversion for lithology delineation in Tui-3D Field, Taranaki Basin, New Zealand (2017)
- Lithology delineation of 3D Kerry dataset in the Taranaki Basin, offshore New Zealand using deterministic post stack inversion (2017)
- Geostatistical pre-stack inversion for thin-bedded reservoir characterization in Arthit Field, Gulf of Thailand (2017)
- Improvement of quantitative interpretation using post-stack inversion of 3D KAREWA dataset, Taranaki Basin, New Zealand (2016)
- Application of extended elastic impedance inversion (EEI) on Carbonate reservoir to delineate hydrocarbon and wet zones: A case study of a field in offshore Sarawak, Malaysia (2016)
- Identification of Carbonate reservoir hydrocarbons using extended elastic impedance inversion in PTTEP Oman 44 (2016)
- Seismic inversion and its application to map hydrocarbon distribution and to image the shape of reservoir formation which located at reverse fault, 3D Kerry dataset, offshore New Zealand (2016)
- Lithology delineation using AVO and post-stack inversion in Parihaka, Taranaki Basin, New Zealand (2016)
- Evaluation of elastic impedance attributes of 3D marine seismic data, Nam Con Son basin, south of Vietnam (2016)
- Sill emplacement during rifting and inversion from 3D seismic and well data, Phitsanulok Basin, Thailand (2016)
- Porosity prediction by model-based inversion of Maui Field, Taranaki Basin, New Zealand (2015)
- Time variant sparse-spike seismic inversion as a tool to predict porosity at Parihaka Survey in Taranaki Basin - New Zealand (2014)
- Delineation of facies distribution using stochastic seismic inversion in Parihaka Survey, Taranaki Basin, New Zealand (2014)
- Reprocessing of 3D land seismic data gulf of Thailand using Globe ClaritasTM and Promax software (2014)
- Estimation of reservoir properties from stochastic inversion of 3D Maari seismic survey, New Zealand (2014)
- Seismic acquisition field manager in Abadan oil Field, Iran (2006).
- Localization of bright spot in Shadegan area using seismic attributes, Iran (2004).

B) Seismic refraction

- Refraction seismic study at Rogoun dam site in Tajik to investigate the landslide potential (2013)

Acquiring, analyzing and interpretation of seismic refraction studies to determine soil type, Bedrock topography and physical properties of layers overlaid the bedrock in Sanandaj, Saghez, Marivan, Andisheh, Mahtab 23 (Tehran) cities (2006-2009)

Interpreting seismic refraction data to determine dynamic characteristics of underground layers in Yasuj County, Iran (2006)

Contributing to down-hole and refraction studies at Gerdehbin Dam, in Piranshahr region, to measure the wave propagation speed in layers and to determine related elastic parameters, Iran (2004)

C) Microtremor projects

Acquiring of single-point microtremor measurements and interpreting them in Tehran Musalla site in order to determine the natural period and seismic vulnerability index of the structure (2009-2010)

Determining the natural period of the Mahtab 23 Structure using microtremor measurements in various points of the structure (12/2008-1/2009)

Determining the period of structures for modeling in Andisheh Town, Bandar Abbas, using microtremor analysis also locating the geotechnical boring using microtremor studies (1/2008-3/2008)

Determining the dynamic characteristics of layers in Sanandaj and Saghez cities, using array analysis of microtremors (2007-2008)

Acquiring and interpreting of single-point and array microtremor measurements in Kamyaran, Marivan (2006-2007), Gonabad (2009)

Cities, in order to determine the micro-zonation map of the seismic hazard and dynamic characteristics of underground layers

D) Resistivity projects

Acquiring and interpreting data by geoelectrical techniques in Kaskak to find out the cause of creep of structures (3/2013-7/2013)

Determining the water table and possible faulting location in Naghadeh plain using geoelectric techniques (2/2012-5/2012)

Conducting Geophysics studies (Geoelectric) in Saveh _ Hamadan Gas Pipe Line (4/2011-6/2011)

Conducting Geophysics studies (Geoelectric) of Gas Pipe line transmission project in Brojerd Region c-12) (1/2011-4/2011)

Determining the water table and possible faulting location in Shirvan Petrochemical Site using geoelectrical techniques (5/2010-8/2010)

Acquiring and interpreting Resistivity data at Farahzad Valley to find out the cause of creep of structures (2/2010-5/2010)

Determining water table and alluvium thickness using geoelectrical studies at Andiseh Town, Bandar Abbas (3/2008-5/2008)

Determining the water table and possible faulting location in Eshtehard Plain (Karaj) using geoelectric techniques (1/2008-2/2008)

Determining the water table and possible faulting location in Salafchegan (commercial center near Qom) using geoelectrical techniques (5/2007-8/2007)

Determining the possible faulting location and alluvium thickness in Silveh Dam site in Piranshahr Region (8/2006-3/2007)

Determining the possible faulting location and alluvium thickness in Girdaben Dam site in Piranshahr Region (8/2004-3/2005)

Determining the water table and possible faulting location in Esfahan province (Afos, ShahrReza & Darab) using geoelectrical techniques (1/2004-2/2004)

E) GPR projects

Locating probable Canals and Qanats in northern run of Imam Khomeini Airport using GPR (4/2012-7/2012)

Locating probable canals and qanats along the railway of Raja Company using GPR (1/2012-4/2012)

Locating the windscreen at the Mahtab 23 Structure using GPR (2/2009-3/2009)

Determining the layer thickness and bedrock topography at Sanandaj and Marivan cities, through analyzing GPR data (2007-2008)