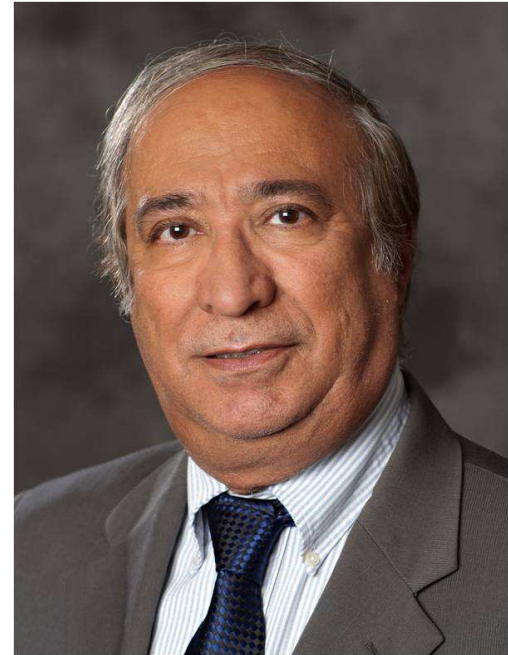


## Fred Aminzadeh

Dr. Aminzadeh is a Professor of Petroleum Engineering and Electrical Engineering at USC Center for Smart Integrated Oil Fields Technologies and Director of Reservoir Monitoring Consortium. He served as the president of the Society of Exploration Geophysicists (SEG), 2007-2008. He is an experienced and visionary oil & gas industry executive, well known in the US and internationally. He has proven record of achievements that contributed to FACT and dGB-USA's overwhelming success and added significant value to Unocal (now part of Chevron). His consistent history of outstanding performance has led to several special recognition and extraordinary accomplishment awards. He is highly skilled in directing multi-disciplinary teams and using new technologies to add value. He is recognized and respected globally for his leadership in soft computing, signal processing and pattern recognition applications in geophysics. This has led to his IEEE Fellow membership in 1995 and guest editor of IEEE Signal Processing Magazine in 2011. He has been appointed by the US Secretary of Energy to DOE's Unconventional Resources Technology Advisory Committee (2007-2008). He received a \$1.5 million (\$2 million with cost share) DOE funding in 2010. He was nominated for the IEEE's most prestigious Simon Ramo award.



Reservoir Monitoring  
E&P Risk Analysis  
Shale gas/oil  
Geothermal Technologies

Seismic Acquisition & Processing  
Economic Assessment  
AVO / 4D Seismic  
Artificial Intelligence & ANN

Seismic Attributes  
Geopressure  
Reservoir Characterization  
Fracture Detection

For more details see [Aminzadeh detailed background](#)