Title of Article: Monitoring and Prediction of Earthquakes using Simulated Temperature Deviation Curve Model Model
Author(s): Moses E Emetere
Abstract: The use of thermal anomaly to monitor or predict earthquakes has shown little success. Various methods have been propounded to monitor earthquakes with little emphasis on fundamental soil quantities. This paper propounded a vital factor- soil density ratio which can be used to monitor earthquakes. The magnitude of earthquakes was discovered to increase when the soil bulk density decreases very low. The dynamics of the heat flow was also discussed with respect to the soil density ratio. The importance of the temperature deviation curve to predict both short term and long term earthquakes were discussed with respect to time.