

Anne Meltzer and Baasanbat drove over 5000 km in three weeks crossing the Hangay six times and circumnavigating the dome to scout sites for the seismic deployment taking place in spring 2012. They met with individuals, families and government representatives at the soum and bagh level to discuss the project and logistics of hosting stations during the two-year seismic deployment. In total, 64 sites were identified including two dense north-south linear arrays across the western and eastern Hangay and a less dense 3-D regional array across the Hangay. Additional stations will be located north of the Bulnay fault system north of the Hangay and south of the Gobi-Altai fault system south of the Hangay to better constrain earthquake locations along faults within these major strike-slip systems. Two additional potential targets for seismic arrays are the young volcanics near Tariat and the Orkhon Valley.