

The SEG student chapter at the Chinese Academy of Geological Sciences (CAGS) held its first field trip at Zhongtiaoshan copper belt from July 16 to 19, 2016. With the help of Professor Jingwen Mao (Chinese Academy of Geological Sciences), Professor Jeremy Richards (University of Alberta), Professor Huishou Ye (Chinese Academy of Geological Sciences), and doctor Hongying Li, eight students visited three major copper deposits at this metallogenic belt, including Bizigou, Henglingguan, and Tongkuangyu. During the four-day field trip, students studied stratigraphic framework, intrusive history, and ore-forming processes of the Zhongtiaoshan copper belt, which formed in Precambrian setting. Additionally, the participation of local mining company employees brought new insights to students from the CAGS regarding the field of mineral exploration. The Student Chapter would like to thank the Stewart R. Wallace Fund award committee for the kind support of our field trip. The student chapter would also like to thank Professor Jeremy Richards, Professor Jingwen Mao, Professor Huishou Ye, for their detailed guidance throughout this trip. We appreciate the Geophysical and Geochemical Exploration Institute of Shanxi province and the Zhongtiaoshan non-ferrous metals group Co.,Ltd. for providing the access to these copper deposits.



Field trip participants at the nearby of Bizigou copper deposit



Field trip participants at the Tongkuangyu copper deposit