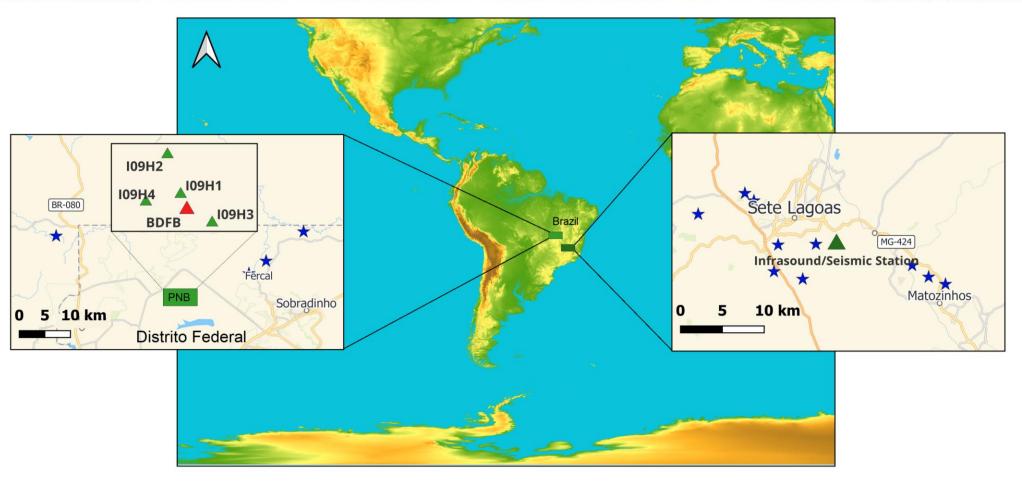


Studies on infrasound technology applied to the discrimination of chemical explosions from tectonic events



Darlan P. Fontenele, Lucas V. Barros and Juraci M. de Carvalho Seismological Observatory - University of Brasília



This study proposes a practical method that utilizes infrasonic and seismic sensors located in the same site to help differentiate tectonic events and quarry blasts. The co-located sensors were installed in two locations and during different periods: Brasília National Park (PNB), Distrito Federal, and Sete Lagoas city, Minas Gerais State, Brazil.