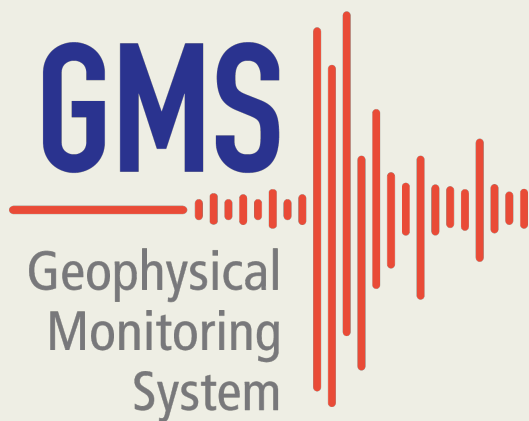


Event Location in the Geophysical Monitoring System (GMS)

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- GMS integrated LocOO3D as the event location and feature prediction algorithm for the Interactive Analysis (IAN) application being developed for the U.S. National Data Center
- LocOO3D is a powerful event location application that uses an iterative linear least squares inversion algorithm with Levenberg-Marquardt damping
- The configurability of LocOO3D is preserved in GMS via processing configuration and an interactive analyst display
- The Location Display captures location details and the history of computed locations
- Validation of LocOO3D functionality and comparisons against the IDC's LEB are underway
- See our poster for more information and visuals on the Event Location capability in GMS