

In this file, we provide the locations of the demand points and disaster response personnel bases that are used in the computational experiments of Tarhan et al. (2023). The demand point locations were provided by the Indonesian National Board for Disaster Management (BNPB), their support in providing input and data regarding Disaster Response Operations in Indonesia is gratefully acknowledged. The data on the location of demand points and the location of disaster response personnel bases are provided under CC BY License.

Locations of demand points: The following list shows the id, the coordinates and the name of each demand point.

0,-8.312128891,116.6634475,Darakunci
1,-8.296667131,116.6237895,Otorita
2,-8.350814451,116.5439054,Kantor Camat
3,-8.384553968,116.5426953,SDN 1
4,-8.358901133,116.5301424,Lapangan
5,-8.5992272,116.5607674,Lendang
6,-8.569848186,116.6409067,SDN1 Pegading
7,-8.574387346,116.6218082,Lapangan pegading
8,-8.614070477,116.5405071,SDN1 Suralaga
9,-8.35527511,116.1819659,RS Risa
10,-8.652282031,116.5201204,Rsud Selong
11,-8.650427826,116.5291409,Puskesmas Kotaraja
12,-8.592276275,116.4192163,Masbagik Baru
13,-8.619134086,116.4802546,Lap Sugian

Locations of disaster response personnel: The following list shows the id, the coordinates and the name of each disaster response personnel base.

0,-8.57735247,116.1115222,Dinas Sosial
1,-8.577427444,116.0833605,POLRI
2,-8.64932241,116.5276752,PMI
3,-8.635129124,116.4962601,LPBI NU

References

Tarhan, I., Zografos, K.G., Sutanto, J., Kheiri, A. and Suhartanto, H. (2023). A multi-objective rolling horizon personnel routing and scheduling approach for natural disasters. *Transportation Research Part C: Emerging Technologies*, 149, 104029.