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They are art of the following data publication and should be cited as:

Zwaan, F., Corti, G., Sani, F., Keir, D., Muluneh, A. A., Illsley-Kemp, F., & Papini, M. (2019): Geological data from the Western Afar Margin, East Africa. GFZ Data Services.  
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| ZIP folder                                       | Sub-folder                               | File name   | File format | Content   |
|--|--|---|-------------|---|
|  |  | 2020-017_Zwaan-et-al_Data-description             | .pdf        | Description of data and methods   |
|  |  | 2020-017_Zwaan-et-al_List_of_files                | .pdf        | List of files   |
| 2020-017_Zwaan-et-al_WAM_Earthquake-analysis.zip | Earthquake_analysis                      | AfarRift_TectonicStress                           | .eps        | Results of T-axis analysis (Afar)   |
|  |  | Earthquake_0113_Map.jpg                           | .jpeg       | Map with locations of earthquakes (2001-2013 surveys)   |
|  |  | Earthquake_0713_Map                               | .jpeg       | Map with locations of relocated earthquakes (2007-2013 surveys)   |
|  |  | Earthquake_0713_Selection_Map                     | .jpeg       | Map with locations of a selection of relocated earthquake with +/- 5 km error in xyz-directions for detailed analysis (2007-2013 relocated surveys)               |
|  |  | Earthquake_Catalogue_0113                         | .txt        | Complete earthquake dataset (2001-2013 surveys)   |
|  |  | Earthquake_Catalogue_0713                         | .txt        | Combined relocated earthquake dataset (2007-2013 surveys).  |
|  |  | FocalMechanismsMap                                | .jpeg       | Map with focal mechanism locations used in paper  |
|  |  | MainEthiopianRift_TectonicStress                  | .eps        | Results of T-axis analysis (MER)  |
|  |  | SMR_map   | .jpeg       | Map of seismic moment release (SMR) along the WAM, based on the combined relocated earthquake dataset   |
|  |  | T-axesMap   | .jpeg       | Map with T-axes derived from focal mechanisms   |
|  |  | WesternAfarMargin_TectonicStress                  | .eps        | Results of T-axis analysis (Western Afar Margin)  |
|  | Earthquake_analysis/Focal_Mechanism_Data | AfarRift_20112013_FocalMechanisms                 | .txt        | Focal mechanism data (Illsley-Kemp et al. 2018, G3)   |
|  |  | AfarRift_GlobalCatalogue_FocalMechanisms          | .txt        | Focal mechanism data (global CMT database)  |
|  |  | MainEthiopianRift_FocalMechanisms                 | .txt        | Focal mechanism data (Keir et al. 2006, JGR)  |
|  |  | WesternAfarMargin_AFAR20112013_FocalMechanisms    | .txt        | Focal mechanism data (Illsley-Kemp et al. 2018, JGR)  |
|  |  | WesternAfarMargin_GlobalCatalogue_FocalMechanisms | .txt        | Focal mechanism data (global CMT database)  |
| 2020-017_Zwaan-et-al_WAM_fault_data_analysis.zip | Fault_data_analysis                      | Locations_Chorowicz_et_al_1999_all                | .kmz        | Locations of all Chorowicz et al. (1999) fault measurements (approximative)   |
|  |  | Locations_Chorowicz_et_al_1999_Phase_3            | .kmz        | Locations of Chorowicz et al. (1999) phase 3 fault measurements (approximative)   |
|  |  | Locations_Sani_et_al_2017                         | .kmz        | Locations of Sani et al. (2017) fault measurements  |
|  |  | WAM_extension overview_table                      | .pdf        | Table overview of fault-derived extension directions along the WAM (Chorowicz et al. 1999; Sani et al. 2017; Zwaan et al. 2020)                                   |
|  |  | WAM_extension overview_table                      | .txt        | tab delimited text version of the Table overview of fault-derived extension directions along the WAM (Chorowicz et al. 1999; Sani et al. 2017; Zwaan et al. 2020) |
|  |  | WAM_extension_overview_map                        | .jpeg       | Map overview of recent fault-derived extension directions along the WAM (Chorowicz et al. 1999; Sani et al. 2017; Zwaan et al. 2020)                              |
|  |  | WAM_Wintensor_results.zip                         | .wtd        | Zip-folder with Wintensor (.wtd) files  |
| 2020-017_Zwaan-et-al_WAM_Fieldwork_data.zip      | Fieldwork_data                           | Fault_field_data                                  | .txt        | Overview of fault measurements (Ethiopia 2018 and Eritrea 2019 WAM fieldworks)  |
|  |  | Field_book  | .pdf        | Overview of field observations of Ethiopia 2018 WAM fieldwork   |
|  |  | Field_stops                                       | .pdf        | Summary of field stops of Ethiopia 2018 WAM fieldwork   |
|  |  | GPS_points_FS                                     | .kmz        | GPS points taken by Federico Sani during Ethiopia 2018 WAM fieldwork  |
|  |  | GPS_points_GC                                     | .kmz        | GPS points and traces taken by Giacomo Corti during Ethiopia 2018 WAM fieldwork   |
|  |  | Locations_total                                   | .kmz        | Overview of field stops (Ethiopia 2018 and Eritrea 2019 WAM fieldworks)   |
|  |  | Roads   | .kmz        | Roads along the WAM used for fieldwork navigation   |
| 2020-017_Zwaan-et-al_WAM_Mapping.zip             | Mapping                                  | Table_basin_details                               | .pdf        | Table of marginal graben details  |
|  |  | BasinMap  | .jpeg       | Map of sedimenary basins along the WAM  |
|  |  | FaultMap  | .jpeg       | Map of faults along the WAM   |
|  |  | DikeMap   | .jpeg       | Map of dikes along the WAM  |
|  |  | WAM_structural_combined_map                       | .jpeg       | Map of all mapped units combined (sedimentary basins, faults, dikes and potential sedimentary contacts)   |
|  |  | BasinMap  | .kml        | GIS map of sedimenary basins along the WAM  |
|  |  | WAM_faults  | .kml        | GIS map of faults along the WAM   |
|  |  | WAM_dikes   | .kml        | GIS map of dikes along the WAM  |
| 2020-017_Zwaan-et-al_WAM_Well_data.zip           | Well data                                | WAM_potential_sed_contact                         | .kml        | GIS map of potential sedimentary contacts along the WAM   |
|  |  | Well_overview_table                               | .pdf        | Table with well details   |
|  |  | WellMap_Kobo                                      | .jpeg       | Map of Kobo basin with well locations   |
|  |  | Wells_Alamata                                     | .kmz        | locations of Alamata wells  |
|  |  | Wells_Kobo  | .kmz        | locations of Kobo wells   |
|  |  | Wells_Mehoni                                      | .kmz        | locations of Mehoni wells   |