```
 1   &Data_Arrays
         ! predictor variables
         name(1) = 'sand'
         from_file(1) = './input/sand_content.nc',
         name(2) = 'om'
 6       from_file(2) = './input/organic_matter.nc',
         name(3) = 'bd'
         from_file(3) = './input/bulk_density.nc'
         ! target variable
         name(4) = 'k_zero'
11       from_data_arrays(1:3,4) = 'sand', 'bd', 'om'
         transfer_func(4) = 'exp(a5 + c5 * sand + d5 * bd + e5 * om) /
             unit_conversion'
         target_coord_names(1:2,4) = 'soil_layers', 'target_grid'
         upscale_ops(1:2,4) = '-1.0', '1.0'
         to_file(4) = .true.
16   /
     &Parameters
         ! global parameters
         parameter_names(1:4) = 'a5', 'c5', 'd5','e5', 'unit_conversion'
         parameter_values(1:4) = 1.9582, 0.0308, -0.6142, -0.1566,
             8640000.0
21   /
     &Coordinates
         ! specifications for the vertical target coordinate
         coord_name(1) = 'soil_layers'
         coord_from_values(1:4,1) = 0.1, 0.4, 1.0, 2.0
26       coord_cell_reference(1) = 'end'
         coord_from_values_bound(1) = 0.0
         ! specifications for the horizontal target coordinate
         coord_name(2) = 'target_grid'
         coord_from_file(2) = './input/target_grid.nc'
31       coord_sub_dims(1:2,2) = 'x', 'y'
     /
     &Main
         coordinate_group(1:3,1) = 'x', 'lon', 'target_grid'
         coordinate_group(1:3,2) = 'y', 'lat', 'target_grid'
36       coordinate_group(1:3,3) = 'z', 'depth', 'soil_layers'
         out_filename = '/output/OutputFile.nc'
     /
```