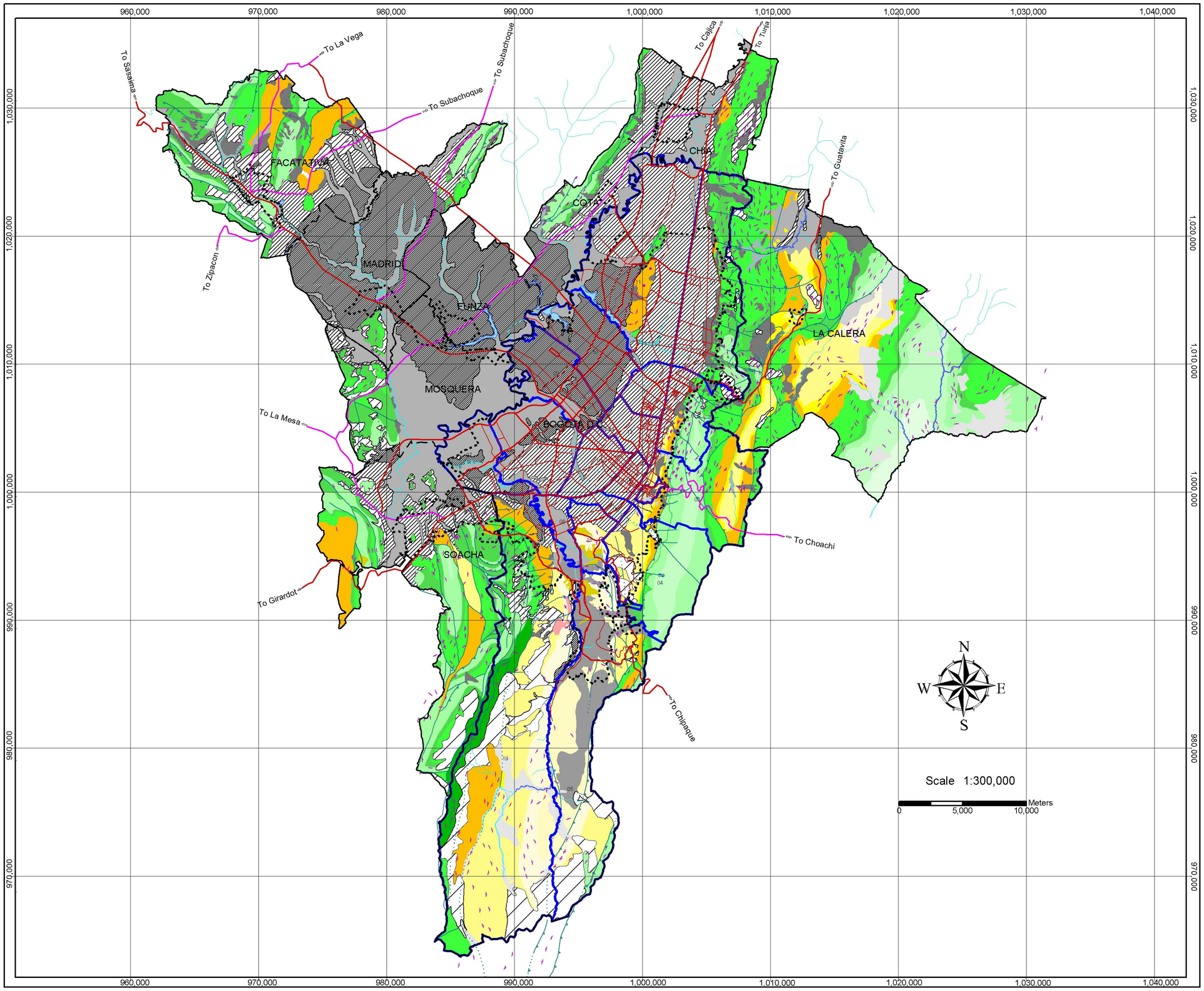
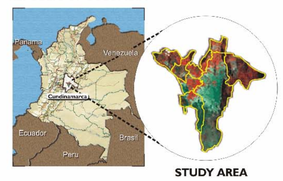



ALCALDIA MAYOR
BOGOTA D.C.
Fondo de Prevención y
ATENCION DE EMERGENCIAS

GOBERNACION DE CUNDINAMARCA

Japan International Cooperation Agency

LOCATION




## Legend

- Study Area
- Municipality Limit
- Locality Limit
- Urban Limit
- National/Principal Road
- Departmental Road
- Water Bodies
- Rivers

### Geology

- KTg - Guaduas Formation
- Kiu - Une Formation
- Ksch - Chipaque Formation
- Ksgd - Hard Sandstone Formation
- Ksglt - Labor-Tierna Formation
- Ksgp - Plaeners Formation
- Ksgtl -
- Qal - Alluvial Depot
- Qcd - Dejection Cones
- Qch - Chia Formation
- Qct - Tunjuelito Formation
- Qdp - Colluvion
- Qfg - Fluvioglacial Depot
- Qmo - Mondonedo Formation
- Qsb - Sabana Formation
- Qsr - Residual Soils
- Qta - Upper Lacustrine Depots
- Qtb - Lower Lacustrine Depots
- Rab - Antrophic Refill, Garbage
- Ter - La Regadera Formation
- Tmu - Usme Formation
- Tpb - Bogota Formation
- Tpc - Cacho Formation
- TQt - Tilata Formation
- Geological Fault

Map Projection Parameters

BASE PROJECTION - GAUSS KRUGER (TRANSVERSE MERCATOR)
EQUATORIAL RADIUS - 6,378,388.00
POLAR RADIUS - 6,356,911.946
FLATTENING - 0,003368700
ECCENTRICITY - 0,08199189979
HORIZONTAL DATUM - BOGOTA (CENTRAL ZONE)
VERTICAL DATUM - MEAN SEA LEVEL, BUENAVENTURA
FALSE EASTING - 1,000,000 m.
FALSE NORTHING - 1,000,000 m.
GEOGRAPHIC COORDINATE AT ORIGIN 4° 35'56.57" N
74° 04'51.30" W

# 1.5 GEOLOGY

THE STUDY ON DISASTER PREVENTION
IN THE BOGOTA METROPOLITAN AREA
IN THE REPUBLIC OF COLOMBIA