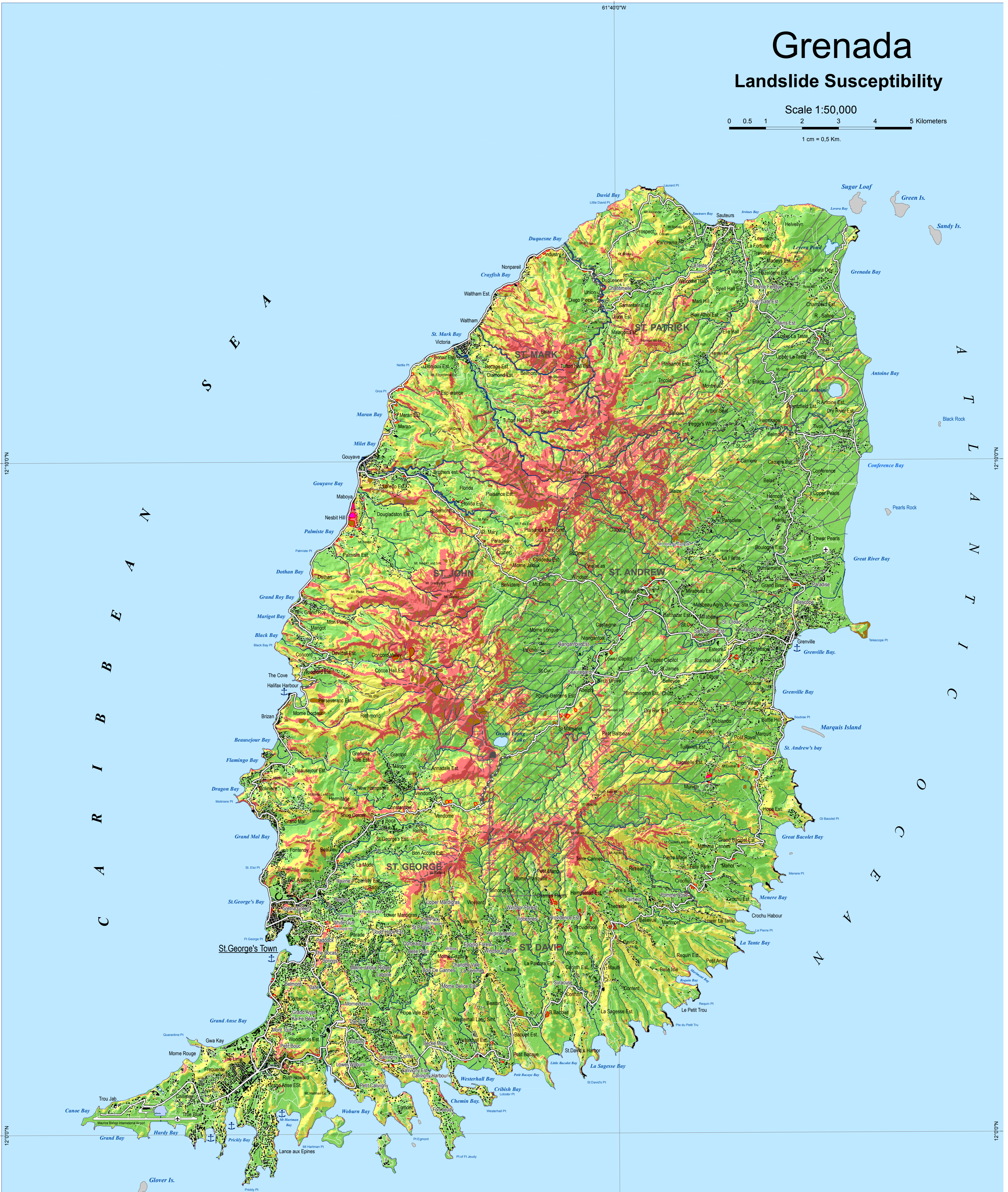
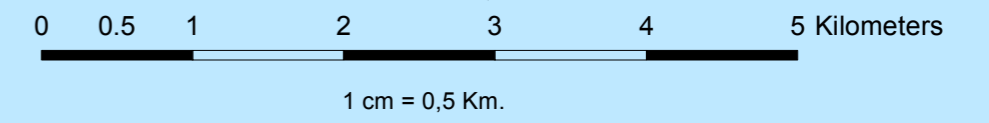


# Grenada

## Landslide Susceptibility

Scale 1:50,000



### Susceptibility class

- Low landslide density
- Moderate landslide density
- High landslide density

### Landslide types

- Debrisflow
- Debrisflow / Debris avalanche
- Earthflow
- Flashflood and debrisflow channel
- Coastal cliff
- Rockslide
- Rockfall
- Creep
- Subsidence
- Rotationalslide

### Period of mapping

- Mapped by GRN CIPA in 2005
- Mapped by ITC in 2014

### Topography

- Parish Boundary
- Main Road
- Paved Road
- Unpaved Road
- Proposed Airport Road
- River
- Airport
- Anchorage
- Built-up area
- Poor quality of input data

This national-scale landslide susceptibility map has been generated in 2016, and is based on detailed landslide inventories from 2005 mapped from satellite images by Cees van Westen (ITC). Factor maps were analyzed using bivariate statistical analysis for rockslide and soil slides separately. Susceptibility maps were made through Spatial Multi-Criteria Evaluation. This susceptibility map only focuses on landslide initiation and is not portraying all areas where landslide may run-out. The final map was edited extensively by comparing with past landslides and terrain conditions. The high susceptibility class will have the highest density of landslides, and most of the new landslides will occur in this zone. The low landslide susceptibility class will be practically landslide free, except for some occasional events. The moderate susceptibility class has a low landslide density, but landslide may occur in this zone.

Caribbean Handbook on Disaster Information Management



Version April 2016  
 Data analysis: Cees van Westen (ITC-UT)  
 Cartography: Koert Sijmons (Geomapa)

### Location map

