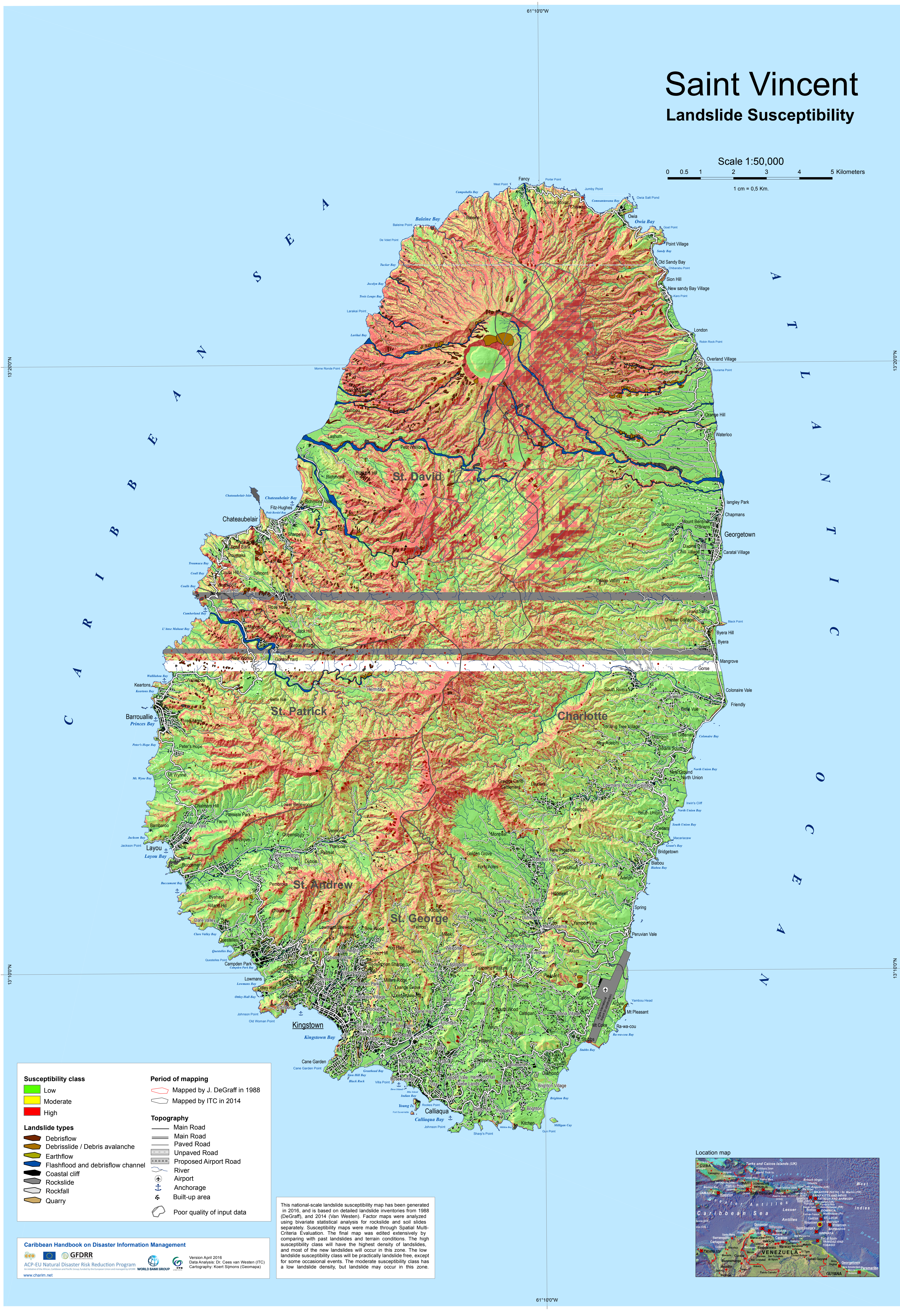
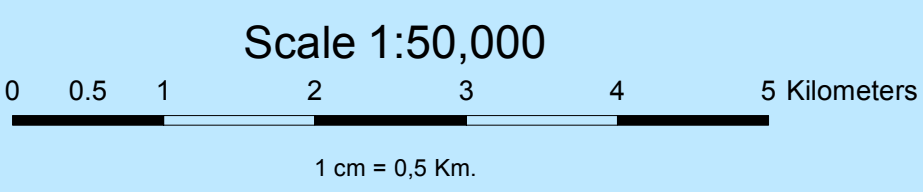


Saint Vincent

Landslide Susceptibility



Susceptibility class

- Low
- Moderate
- High

Period of mapping

- Mapped by J. DeGraff in 1988
- Mapped by ITC in 2014

Landslide types

- Debrisflow
- Debrisflow / Debris avalanche
- Earthflow
- Flashflood and debrisflow channel
- Coastal cliff
- Rockslide
- Rockfall
- Quarry

Topography

- Main Road
- 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 1988 (DeGraff), and 2014 (Van Western). Factor maps were analyzed using bivariate statistical analysis for rockslide and soil slides separately. Susceptibility maps were made through Spatial Multi-Criteria Evaluation. 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.

