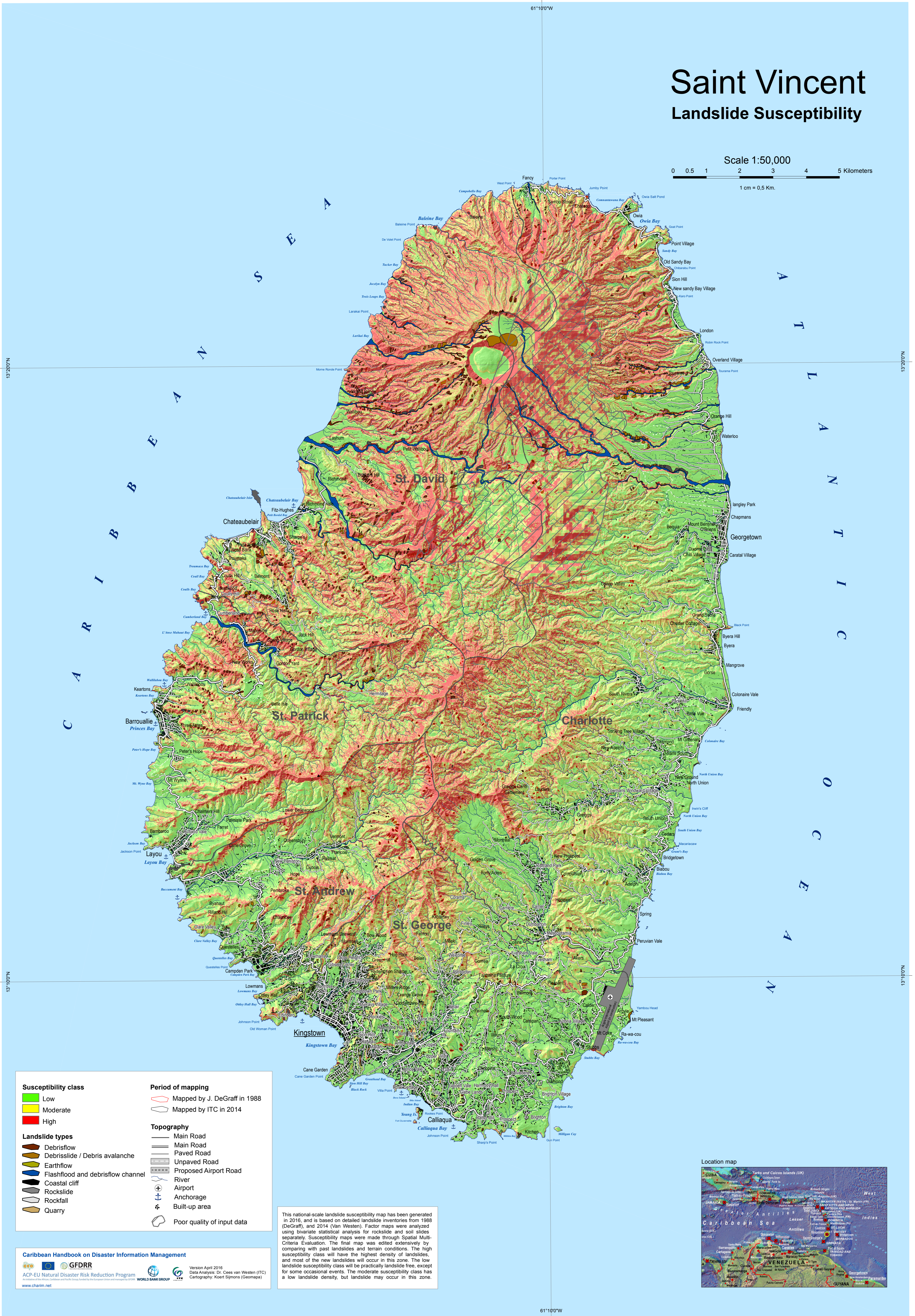
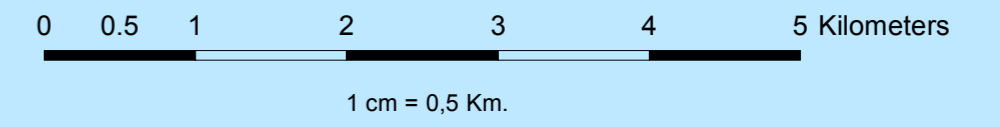


Saint Vincent Landslide Susceptibility

Scale 1:50,000



<p>Susceptibility class</p> <ul style="list-style-type: none"> Low Moderate High <p>Landslide types</p> <ul style="list-style-type: none"> Debrisflow Debrisflow / Debris avalanche Earthflow Flashflood and debrisflow channel Coastal cliff Rockslide Rockfall Quarry 	<p>Period of mapping</p> <ul style="list-style-type: none"> Mapped by J. DeGraff in 1988 Mapped by ITC in 2014 <p>Topography</p> <ul style="list-style-type: none"> Main Road Main Road Paved Road Unpaved Road Proposed Airport Road River Airport Anchorage Built-up area Poor quality of input data
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This national-scale landslide susceptibility map has been generated in 2016, and is based on detailed landslide inventories from 1988 (DeGraff), and 2014 (Van Westen). 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.

