## Active Strike-Slip and Collisional Tectonics of the Northern Caribbean Plate Boundary Zone



Edited by

James F. Dolan Department of Earth Sciences University of Southern California Los Angeles, California 90089

and

Paul Mann
Institute for Geophysics
University of Texas
8701 North Mopac Boulevard
Austin, Texas 78759-8345





## **Contents**

	PART 1: GEOLOGIC AND TECTONIC SETTING OF THE TRANSPRESSIONAL PLATE BOUNDARY
7	A street of a river College and a street Could be seen College and British admin
1.	Active tectonics of the north-central Caribbean: Oblique collision, strain
	James F. Dolan, Henry T. Mullins, and David J. Wald
2.	Tectonic geomorphology and paleoseismology of the Septentrional fault system,
	<b>Dominican Republic</b>
	Paul Mann, Carol S. Prentice, G. Burr, Luis R. Peña, and F. W. Taylor
	PART 2: SEISMOLOGICAL SETTING OF THE TRANSPRESSIONAL PLATE BOUNDARY
<i>3</i> .	Strike-slip tectonics and seismicity along the northern Caribbean plate boundary from Cuba to Hispaniola
	E. Calais, J. Perrot, and B. Mercier de Lépinay
4.	The 1943–1953 north-central Caribbean earthquakes: Active tectonic setting, seismic hazards, and implications for Caribbean–North America plate motions
	James F. Dolan and David J. Wald