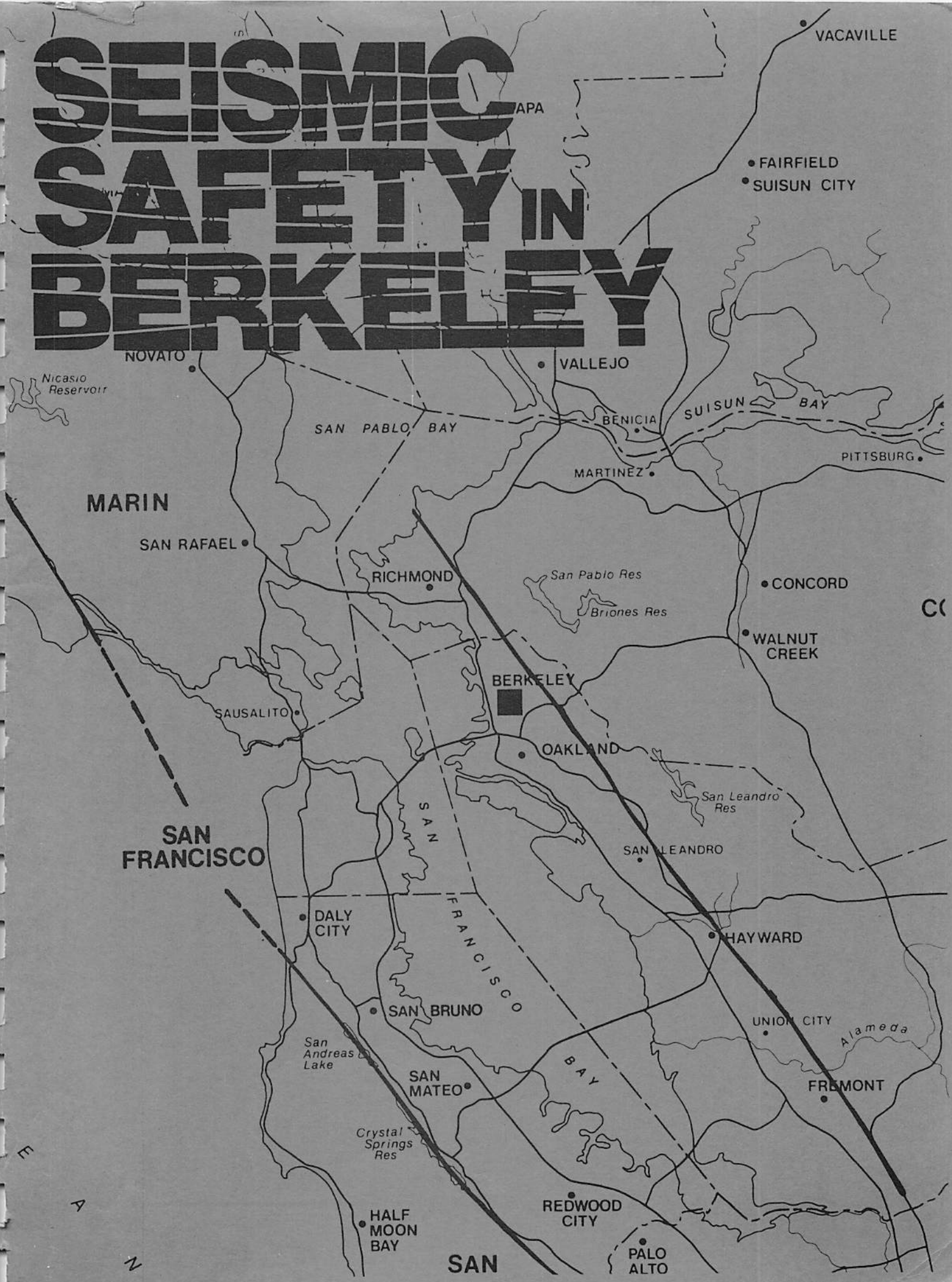


SEISMIC SAFETY IN BERKELEY



This paper does not necessarily reflect the views of
the University of California, Berkeley.

Cover: David Blois

SEISMIC SAFETY IN BERKELEY

Doris Sloan, Editor

Senior Seminar
Environmental Studies Group Major
University of California, Berkeley

June 1979

UNIVERSITY OF CALIFORNIA, BERKELEY

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BERKELEY, CALIFORNIA 94720

August 1, 1979

To recipients of:

SEISMIC SAFETY IN BERKELEY

Environmental Studies Group Major
University of California, Berkeley

The enclosed report has been printed in limited numbers to make it available to those who assisted the authors in their inquiry, to agencies concerned with the problems, and to a number of libraries in the region.

It is a pleasure to bring it to your attention.

Cordially

A handwritten signature in cursive script, appearing to read "Clyde Wahrhaftig".

Clyde Wahrhaftig, Head Adviser
Environmental Studies Group Major
College of Letters and Science

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Gaetano Russo, Assistant Vice Chancellor for Facilities Management, University of California, Berkeley

Statement about the Authors

This study was undertaken by seniors of the Environmental Studies Group Major at the University of California, Berkeley. The Environmental Studies Group Major offers three fields of specialization, physical science, biological science, and social science, from which the student selects an area of concentration. All members of the major participate in an intensive two quarter group study in their senior year. The purpose of the study is to provide members of the major with an opportunity to gain experience in field work, general research practices, and group dynamics, as well as to examine a practical environmental problem.

An investigation of Seismic Safety in the Berkeley community was selected by this seminar because of the magnitude and uniqueness of the problems raised by such an unpredictable event as an earthquake. It is hoped that this study will be of use to all those who share our concern and will stimulate interest in seismic safety in the entire Berkeley community.

The following students contributed both their time and effort to this project:

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SECTION V: PREPARING FOR A LARGE EARTHQUAKE IN BERKELEY 157

 INTRODUCTION 159

 CHAPTER 1: GETTING THE WORD OUT - Scott Muldavin 161

 CHAPTER 2: RESIDENTIAL CONCERNS FOR SEISMIC SAFETY - Guy E. Brenner 169

 CHAPTER 3: PAYING THE COST OF RESIDENTIAL SEISMIC SAFETY - Carol Willoughby 179

 CHAPTER 4: SEISMIC SAFETY IN INDUSTRY - BERKELEY - Eddie T. Ochi 187

 CHAPTER 5: SEISMIC AWARENESS IN EMERYVILLE INDUSTRY AND COMMERCE - Guy Quan 195

SECTION I

INTRODUCTION

Scott Muldavin

EARTHQUAKES AND RESULTING GEOLOGIC HAZARDS

Wendy Cohen, Darryl Choy