

Hawai`i I-PI an



Ua mau ke ea o ka `aina i ka pono
The life of the land is perpetuated in righteousness
Hawai`i State Motto

Hawai`i I-Plan for Spatial Data

Version 1.1

July 29, 2003

Sponsored by HIGICC
Hawai`i Geographic Information Coordinating Council

2003 –2004 HIGICC Board

President: Ken Schmidt, City and County of Honolulu
Vice President: Craig Tasaka, State of Hawai`i
Treasurer: Michael Parke, National Marine Fisheries Service
Secretary: Ron Salz, U.S. Fish and Wildlife Service

Goro Suljoadikusumo, Hawai`i Department of Transportation
Ivy Pescador, City and Country of Honolulu
Rod Low, ESRI
Chris Chiesa, Pacific Disaster Center
Nami Ohtomo, Parsons Brinckerhoff Inc.
Tom Giguere, Intergraph Corporation
Henry Wolter, U.S.G.S. National Mapping Division

Co-Editors
Susan Bevacqua
and
Ronald Salz

TABLES OF CONTENTS

EXECUTIVE SUMMARY	2
INTRODUCTION.....	3
CHAPTER SUMMARIES.....	7
CHAPTER 1: GEODETIC CONTROL.....	13
CHAPTER 2: ELEVATION/BATHYMETRY	17
CHAPTER 3: IMAGERY	20
CHAPTER 4: HYDROGRAPHY	27
CHAPTER 5: TRANSPORTATION.....	35
CHAPTER 6: CADASTRAL.....	40
CHAPTER 7: GOVERNMENTAL UNITS	45
CHAPTER 8: UTILITIES	49
CHAPTER 9: STRUCTURES.....	52
CHAPTER 10: PHYSICAL ENVIRONMENT AND NATURAL HAZARDS	57
CHAPTER 11: CULTURAL RESOURCES.....	76
CHAPTER 12: TERRESTRIAL LAYERS.....	83
CHAPTER 13: MARINE LAYERS.....	95
CHAPTER 14: SCANNED MAPS.....	106
CHAPTER 15: DATA DISTRIBUTION/PUBLISHING	111
CHAPTER 16: CROSS-CUTTING ISSUES	117
LIST OF TERMS.....	119
LIST OF STANDARDS	122
URL LISTING BY CHAPTER	123