# Vertical Mapper 2.5

## **Creating Grids Using Interpolation**

What Is Interpolation?

The Interpolation Wizard

**Triangulation With Smoothing** 

**Inverse Distance Weighting Interpolation** 

**Rectangular Interpolation** 

Natural Neighbour Interpolation

**Kriging Interpolation** 

Choosing an Interpolation Technique

Suggested Readings on Interpolation

## **Creating Grids Using Spatial Models**

The Trade Area Analysis Model

Using the Trade Area Modeler

**The Location Profiler Model** 

**Using The Location Profiler** 

## **Creating Grids From MapInfo Regions**

Introduction

The region to Grid Dialogue

#### **Importing Grid File**

**Import Grid Formats** 

## **Displaying Grids**

**Displaying Grid Files** 

## **Getting Information from Grids**

The Grid Info Tool

The Region Info Tool

The Grid Manager Info Button

The Graph Window

#### **Contouring With Grids**

**About Contouring** 

**Creating Polyline Contours** 

**Create Region Contours** 

**Contouring Classified Grids** 

## **Using Grids for Spatial Analysis**

**Grid Calculator** 

**Grid Query** 

Create Slope and Aspect

**Cross Section** 

**Point Inspection** 

**Region Inspection** 

Point-to-Point Visibility (Intervisibility)

Viewshed

#### **Grid Tools**

Version 1.x Grid Converter

Alter Meta Data

**Grid Export** 

**Grid Reclass** 

**Grid Reproject** 

**Grid Resizer** 

**Grid Splicer** 

**Grid Trimmer** 

## **Data Aggregation**

What Is Data Aggregation?

**Simple Point Aggregation** 

Point Aggregation with Statistics

## **Natural Neighbourhood Analysis**

Create Regions from Points (Voronoi)

## Calculate Point Density

# **Other Vertical Mapper Commands**

**Preferences** 

Exit Vertical Mapper