

# **ENTERPRISE GIS WITH MANIFOLD AND POSTGRES/POSTGIS**

a training course from [www.gisadvisor.com](http://www.gisadvisor.com)

## **Introduction**

- Goals, objectives

## **Schedule**

### **Part I – Getting our bearings**

- Introduction to Enterprise GIS
- Stages in Enterprise GIS implementation
- Example Scenario

### **Part II – Installation**

- Installing PostGRES/PostGIS
- Installing Quantum GIS

### **Part III – Loading our data**

- Loading vector data into PostGRES/PostGIS
- Loading raster data into PostGRES/PostGIS
- Linking data from PostGRES/PostGIS

### **Part IV – Managing our data**

- Adding constraints
- Adding groups and users
- Adding permissions
- Creating Views

### **Part V – Viewing our data**

### **Part VI – Editing our data**

- Individual editing
- Multi-user editing
- Editing with different user permissions, roles and constraints

### **Part VII – Analyzing our data**

- Query and analysis of data in Manifold and Quantum

### **Part VIII – Server side analysis**

- Using PostGRES/PostGIS server tools
- Calling PostGRES/PostGIS from external applications

### **Part IX – Deploying our application**

- Creating a small, deployable application
  - External applications using VBScript (command prompt)
  - External applications using Visual Web Developer .NET

### **Part X – Funding our system**

- Overview of costs for implementing the system