



# Geographical Information Systems

An introductory course  
presented by the

Laboratory for Teaching and  
Research in GIS

Department of Geography  
University of the Free State

In collaboration with:  
Disaster Risk Management  
Training and Education Centre  
for Africa (DiMTEC)



8March – 12 March 2010

## Topics:

### Introductory Cartography

Coordinates and map projections  
Scale, generalisation, legends and symbols  
Conceptual models

### Data and data models

Data sources  
Remote sensing and GPS  
Data structure  
Spatial and attribute data

### Spatial analysis

Interpolation  
Geostatistics  
Modelling

### Errors and quality control

### Management and development of a GIS

Project management

### Practical work and applications

## Requirements:

A basic knowledge of computers, MS Windows and MS Excel is recommended

Fees: R5 200-00 per person + VAT

Applications will be handled on a "first come first served" basis

Cheques made payable to: The University of the Free State Account Number 157 08 50071, Branch Code 630 734 (Brandwag Branch)

Fees include study material and tea / coffee and lunch

An attendance certificate will be given



**REGISTRATION FORM**

**A. DELEGATE DETAILS**

Delegate First Name: ..... Delegate Surname: .....

Organisation/Company: ..... Designation: .....

Postal Address: .....

Country: ..... E-mail: .....

Telephone Code & Number: ..... Fax Number: .....

Please register the above delegate **at a delegate fee of R5 200-00 or add 14% VAT**

Please note: Registration fee caters for tuition, refreshments, lunches & training materials (hard & soft copy)

**B. PAYMENT**

Please Invoice the above organisation

**C. CONDITIONS OF REGISTRATION**

This form **MUST** be completed in full, stamped and returned to UFS- DiMTEC. All delegate fees must be paid in full before the course. Payment to be made payable to: **University of the Free State Account number 157 08 50071, Brach Code 630 734 (Brandwag Branch); before the commencement of the course.**

Return this form together with proof of payment to: Alice Ncube, **Tel +27 51 401 2721 or 51 401 9701, Mobile +27 79 776 2799**, fax +27514019336 or e-mail it to [ncubea.sci@ufs.ac.za](mailto:ncubea.sci@ufs.ac.za)

**D. CANCELLATION POLICY**

Registration cancellation must be communicated in writing and reach DiMTEC 15 days before the commencement of the course. Cancellation after 15 days will attract a penalty equal to 50% of the registration fee and any cancellation 7 days to the course will be charged the FULL amount of the registration fee.

Name: ..... Signature: ..... Rubber Stamp (optional)
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