

**IISGEO WORKSHOP**  
**MATJIESFONTEIN**  
**12 – 15 NOVEMBER 2007**

**CAPACITY BUILDING AT THE**  
**UNIVERSITY OF PRETORIA**

**By**

**Fritz van der Merwe**

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Internationally competitive

Locally relevant



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# Overview

- Departmental Composition
- Events
- Geodesy requirements (Academic)
- Courses in place
- Planning



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# Departmental Composition

- History
- Geography – Physical and Human
- Geoinformatics
- Meteorology
- Housed in the department
  - Center for Geoinformation Science



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# Events

- IISGEO Workshop I
- Laser Telescope
- University management reception
- Works and Facilities



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# Geodesy Requirements (Academic)

- Mathematics
- Physics
- Geography (Physical)?
- Computer skills
- Surveying?



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## Courses in Place

- Mathematics – Electives
- Physics – Electives
- Geography
- Computer Skills
- Surveying
- Geometrical Geodesy in 3<sup>rd</sup> Year  
Cartography



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# Planning

- 2008 –
  - Undergraduate course content
  - Influence new students with electives
  - Honours course – Spatial Analysis
- 2009 –
  - Revamp Remote Sensing Courses to reflect Space Geodesy Requirements
- 2010+ New Space Geodesy Syllabus?





# The End

Only the Future Will Tell

No Plan Survives the First Contact With  
Reality



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