

Tobias Hoernle

Name: Tobias Hoernle

Country: Germany

University: Hs Karlsruhe - University of Applied Sciences!
<http://www.hs-karlsruhe.de>

Major subject: Cartography and Geomatik
http://www.fak-g.hs-karlsruhe.de/kartographie_geomatik/index.html

Software: Arc GIS, Freehand, Photoshop, Excel

NZERN Internship Work
September 2005 – December 2005

- Looking for project data: What Data is available and useful?
- Merging Arial photos together
- Georeferencing some Arial photos, maps and old hand drawn maps
- Digitising some templates
- Looking for tools and transferring data from decimal degrees to degrees, minutes and seconds
- Transferring geographic coordinates to Cartesian coordinates
- Looking for scrips to automate some work and testing them
- Creating some personal geodatabases from the different datasets before using Arc SDE
- Importing the data which was provided to NZERN from some companies and from the government to the personal geodatabases
- Creating some tables from metadata for every feature class as the base for creating diagrams in Microsoft Visio
- Creating a Raster Catalogue for the Topographic Maps and the Arial Photos
- Working with the Field Calculator in ArcGIS