Title of the whole course: 13002 Strategic Impact Modelling

Modelling and data analysis

Name of the Educational Test Site:

DTU: Centre for Traffic and Transport, Technical University of Denmark

Objective of the whole course

The aim of the course is to provide the students with a basic knowledge of Strategic Impact Models in transport evaluation and in connection with that use the Geographical Information System ArcInfo and modeling tool.

Content of the whole course

Introduction to Strategic Impact Modeling, The Theoretical background for GIS, model integration in ArcInfo GIS. Basic macro programming of ArcInfo GIS (AML).

Which parts of PORTAL (project results) were taken up?

All the projects mentioned in the course material for modelling and data analysis are (or ought to be) in principle relevant for the course.

Which PORTAL material was used?

- The whole material is given to the students for self-evaluation as an exercise
- The students were given the report/written material for the theme Modelling and data analysis
- Since the overheads only cowered a fraction of the projects in the material – basically they were just copies of a few figures from the projects – they could not be used for a lecture

Separate / existing course	13002 Strategic Impact Modelling
Optional / compulsory course	Optional (almost all courses at DTU are optimal within certain group of courses)
Name of the corresponding curricula	M.Sc.
Participants' level	Level 7
Type of input	Lectures, self study under guidance
Number of participants	15

Timing	September-December , 2002
Exercises	Group work, problem based learning, specific case study
Language	English lectures, written material in English

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Website of institution and / or lecturer	Centre for Traffic and Transport: http://www.ctt.dtu.dk Course description: http://www.shb.dtu.dk/default.asp?kursusnr=13002&sprog=%2A&skemagrp=%2A&so
Language of lecturer	Danish, English
Fields of expertise	GIS Modelling and Data Analysis Strategic Impact Modelling