



KUNGL
TEKNISKA
HÖGSKOLAN

Department of Land and Water Resources

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**NATURAL RESOURCES INFORMATION AND MANAGEMENT
SYSTEMS**

Laborations and exercises

Thomas Gumbricht

STOCKHÖLM 1992

PREFACE

The following exercises have evolved as a result of the gluing together of the courses Natural Resources Management and Natural Resources Information. The first steps were taken in 1990, and in 1992 the exercises were used for the first time. The GIS applied exercises were developed together with Katarina Johnsson, who helped me creating the ideas for the exercises. Mattias Lundberg and Maria Roslund helped a lot finding the right GRASS commands and trying out the exercises in practice.

Stockholm in November 1992

Thomas Gumbricht

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CONTENT

Instructions for GIS laboration

Targeting critical areas for non point sources eutrophication.

Critical and actual load of acidifying substances in Stockholm.

Remote sensing project: multispectral, digital classification of Landsat MSS data - Cyprus.

Exercise - Global climate change.