

## **Acknowledgements:**

I wish to express my sincere gratitude to all of you who helped me bringing this little piece of work forward.

In particular I'd like to declare my appreciation to:

- Prof. Dr. K. Terytze and Prof. Dr. I. Atanassov – my supervisors, who gave me the chance to made this work.
- My colleagues Mathias Ricking and Tobias Schulze for seemingly endless patience with discussions and for answering all my questions.
- My colleagues from Department of Soil Science in Agricultural University Plovdiv for initial support.
- I wish to thank Gudrun Schütze for all patience and help.
- I wish to thank Violeta Stefanova, Veselin Kmetov and Diana Georgieva for the courage they give me along my path.
- All my friends simply for the fact that they were there for me.
- My parents for giving me all the support I could have wished for.
- My sister – for believing in what I do.