

**Matthias Klumpp**

# **University Excellence and Efficiency**

Logos Verlag Berlin



## Content

Preface .....	III
Tables .....	IX
Figures .....	XI
Abbreviations .....	XIII
1. Introduction .....	1
2. Excellence in Teaching .....	5
2.1. Literature Review .....	5
2.2. Teaching Evaluation Concept and Implementation at the University of Kassel .....	9
2.2.1. Background .....	9
2.2.2. Evaluation Objectives .....	11
2.2.3. Research Hypotheses .....	12
2.2.4. Evaluation Instrument .....	12
2.2.5. Evaluation Process .....	14
2.3. Empirical Survey Data .....	18
2.3.1. Study Experience before MAHE .....	18
2.3.2. Work Experience before MAHE .....	21
2.3.3. Work Field before MAHE .....	21
2.3.4. Motivation for MAHE .....	24
2.3.5. Evaluation of MAHE .....	28
2.3.6. Improvements for MAHE .....	39
2.3.7. Further Studies after MAHE .....	43
2.3.8. Workplace after MAHE .....	44
2.3.9. Graduates' Evaluation of MAHE .....	46
2.3.10. Socio-demographic Profile MAHE Students .....	50
2.4. Analysis and Interconnections .....	52
2.5. Interpretation .....	54
2.6. Comparison to other Student and Graduate Surveys .....	56
2.7. Further Interconnections .....	57

3. Excellence in Research.....	58
3.1. Literature Review .....	58
3.2. International Expert Interviews on Excellence in Research .....	61
3.2.1. Research Objective and Hypothesis.....	61
3.2.2. Research Instrument.....	61
3.2.3. Research Process.....	63
3.2.3. Research Results: Quantitative Data .....	63
3.2.4. Research Results: Qualitative Data.....	65
3.3. Interpretation .....	69
3.4. Further Analysis .....	70
4. Efficiency in Teaching .....	72
4.1. Literature Review and Context.....	72
4.2. Efficiency Calculation in Germany: The University of Duisburg-Essen .....	73
4.3. Efficiency Calculation for Australian Universities .....	75
4.4. Efficiency Calculation for Turkish Universities.....	78
4.5. Conclusions and Connections.....	81
5. Efficiency in Research .....	82
5.1. Literature Review and Context.....	82
5.2. Research Efficiency Calculation for German Universities.....	82
5.3. Research Efficiency Calculation for Australian Universities .....	85
5.4. Research Efficiency Calculation for Turkish Universities .....	88
5.5. Conclusions and Connections.....	92
6. Differentiation, Profiling and Quality in Higher Education.....	93
6.1. Introduction and Literature Review.....	93
6.2. Differentiation, Profiling and Excellence in German Higher Education.....	93
6.3. International Comparative Analysis .....	95
6.4. Hypotheses on Differentiation, Profiling and Excellence .....	98
7. Integrative Model of Excellence and Efficiency in Higher Education .....	101
8. Conclusion.....	103
References .....	105
Annex .....	126