

Table of Content

1. INTRODUCTION.....	4
2. AIM AND OBJECTIVES.....	5
3. METHODOLOGY	7
3.1 Case study 1: Landscape changes in a rapid growing urban hub (Onitsha in south-east Nigeria)	7
3.2 Case study 2: Landscape changes caused by landslide-a consequence of altered land use (Jos in northern Nigeria).....	8
3.3 Case study 3: Landscape changes vs biodiversity (Imo watershed from south-east to south-south Nigeria).....	10
3.4 Case study 4: Landscape changes in Dřevnice River Basin, Southeast Moravia (Czech Republic).....	13
4. RESULTS	16
4.1 Case study 1: Landscape changes in a rapid growing urban hub (Onitsha in south-east Nigeria)	16
4.2 Case study 2: Landscape changes caused by landslide-a consequence of altered land use (Jos in northern Nigeria).....	20
4.3 Case study 3: Landscape changes vs biodiversity (Imo watershed from south-east to south-south Nigeria).....	22
4.4 Case study 4: Landscape changes in Dřevnice River Basin, Southeast Moravia (Czech Republic).....	25
CURRICULUM VITAE / ODBORNÝ ŽIVOTOPIS	40
LIST OF AUTHOR'S PUBLICATIONS / SEZNAM PUBLIKACÍ AUTORA ..	41
ANNOTATION	43
SUMMARY	44