

## Table of contents

Summary	5
Resumen	7
Resum	9
Graphical abstract	11
<b>Chapter 1. General Introduction</b>	<b>12</b>
1.1 Introduction	13
1.2 Theoretical Framework	15
1.3 Research design	28
1.4 Thesis Outline	32
1.5 The training beyond the document, a brief CV	35
<b>Chapter 2. Analytic Network Process and its applications to develop the concept of sustainable development: a Systematic Literature Review</b>	<b>38</b>
Abstract	39
2.1 Introduction	39
2.2 Theoretical Background	40
2.3 Research design	41
2.4 Results and discussion	44
2.5 In-depth analysis	55
2.6 Comparisons ANP and AHP techniques	68
2.7 Conclusions	69
<b>Chapter 3. A Multicriteria Model to Evaluate Strategic Plans for the Nautical and Naval Industry in Cartagena de Indias, Colombia</b>	<b>71</b>
Abstract	72
3.1 Introduction	72
3.2 Literature Review	75
3.3 Methodology	76
3.4 Case Study: Nautical and Naval Industries in Cartagena de Indias, Colombia	77
3.5 Results	84
3.6 Discussion	86
<b>Chapter 4. Stakeholder engagement to evaluate tourist development plans with a sustainable approach</b>	<b>88</b>
Abstract	89
4.1 Introduction	89
4.2 State of the Art	90
4.3 Materials and Methods	91
4.4 Case study: prioritizing tourist development plans in the city of Cartagena	93
4.5 Results	101
4.6 Conclusions	106

<b>Chapter 5. Planning for pedestrians and redesigning walkable streets with a Participatory Multicriteria Approach</b>	<b>108</b>
Abstract	109
5.1 Introduction	109
5.2 Conceptual Framework	111
5.3 Research Methods	114
5.4 Case Study: Defining Criteria for Pedestrian Paths in The City Centre of Cartagena de Indias	116
5.5 Results and Discussion	127
5.6 Conclusions	135
<b>Chapter 6. General discussion and conclusions</b>	<b>138</b>
6.1 Introducción	139
6.2 Discusión general de los resultados	139
6.3 Conclusiones e implicaciones generales	142
6.4 Principales contribuciones	144
6.5 Limitaciones y líneas futuras	145
<b>References</b>	<b>147</b>
<b>Appendices</b>	<b>173</b>