Controlling management of selection land uses for engineering projects

By

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This Thesis was submitted as Partial Fulfillment of the Requirements for the Master’s Degree of Engineering Project Management (E.P.M.)

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DEDICATION

This work is dedicated to my parents and my husband for providing me with unfailing support and continuous encouragement throughout my years of study and through the process of researching and writing this thesis, this accomplishment would not have been possible without them.

Also, this work is dedicated to my brothers and sisters who have been a great source of motivation and inspiration.

This work is dedicated to my little daughter "Banah" who has added a source of challenge to finish the research.

Finally, this work is dedicated to all those who believe in the richness of learning.
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Finally, The Natural Resource Authority and Greater Amman Municipality for providing me all necessary information that was helpful in accomplishing this work.
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Authorization Form

I, Dua'a Majed "Mohammad Fadel" Al-Totanji, Authorized Al Isra University to supply copies of my thesis to libraries or establishments or individuals on request, according Al Isra University regulations.

Signature:

Date: / / 2017
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<th>Meaning</th>
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<tr>
<td>GAM</td>
<td>Greater Amman Municipality</td>
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<tr>
<td>NE</td>
<td>North East</td>
</tr>
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<td>SW</td>
<td>South West</td>
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<tr>
<td>EW</td>
<td>East West</td>
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<td>WAJ</td>
<td>Water Authority of Jordan</td>
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<td>MGP</td>
<td>Metropolitan Growth Plan</td>
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<td>GIS</td>
<td>Geographic Information System</td>
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<td>DEM</td>
<td>Digital Elevation Model</td>
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<td>FAO</td>
<td>Food and Agriculture Organization</td>
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<td>ID</td>
<td>Identification</td>
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<tr>
<td>DLS Key</td>
<td>Department of Lands and Survey</td>
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<td>RS</td>
<td>Remote Sensing</td>
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Controlling Management of Selection Land uses for Engineering Projects in Jordan

Abstract:
Amman city, the capital of Jordan, is administrated by the Greater Amman Municipality (GAM). The city is divided into 22 administrative regions making up the municipality. The land use planning is a term used for urban planning containing various disciplines that aims to order and regulate land use in an efficient and ethical way, to prevent the conflicts of land use. Managing the development of the land use is government responsibility that represented by master plan and zoning departments of GAM. A vision for the future possibilities of development in neighborhoods, cities, districts, or any defined planning area is provides by a land use plan. The master plan department in GAM prepared a plan, for application in both short and long term that provides development policies, plans, and guidelines for application along priority land use in the city of Amman.

The purpose of this study is to develop the selection criteria of the current and the future land use needs and establish well defined land use pattern that is unlikely to change significantly in the near future.

To carry out this research a case study was taken at ShafaBadran district to evaluate the current land use pattern in order to develop a more proper expansion for need in land use that will be favorable for this particular district.

This research dealt with the out-use lands with a different perspective, with aim to prioritize the industrial, commercial, and agricultural land uses, then comes the residential, and to make sure that all other uses takes the optimum area, and location.

Keywords: Jordan, Land use, Planning, Greater Amman Municipality, Master Plan.