Project Name: FAHP GIS

Date: 10/16/2024 6:52:52 PM

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| --- | --- | --- |
| rank | Criterion name | Criterion weight |
| 4 | Proximity to Roads | 0.203 |
| 2 | Slope | 0.249 |
| 1 | CriterioLand Use/Land Covern 4 | 0.252 |
| 3 | Soil Type | 0.204 |
| 5 | Elevation | 0.092 |
| 6 | Water Availability | 0 |
| 6 | Distance to Urban Areas | 0 |

As shown in the table above, According to the GIS, CriterioLand Use/Land Covern 4 is the first priority. Next priorities are assigned to Slope, Soil Type, Proximity to Roads, Elevation and Water Availability according to the obtained weights.

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| --- | --- | --- |
| rank | Criterion name | Criterion weight |
| 1 | Industrial Development | 0.798 |
| 2 | Agricultural Expansion | 0.202 |
| 3 | Residential Expansion | 0 |
| 3 | Conservation Area | 0 |

As shown in the table above, According to the Distance to Urban Areas, Industrial Development is the first priority. Next priorities are assigned to Agricultural Expansion and Residential Expansion according to the obtained weights.

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| --- | --- | --- |
| rank | Criterion name | Criterion weight |
| 1 | Industrial Development | 0.376 |
| 2 | Agricultural Expansion | 0.323 |
| 3 | Residential Expansion | 0.301 |
| 4 | Conservation Area | 0 |

As shown in the table above, According to the Water Availability, Industrial Development is the first priority. Next priorities are assigned to Agricultural Expansion, Residential Expansion and Conservation Area according to the obtained weights.

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| --- | --- | --- |
| rank | Criterion name | Criterion weight |
| 2 | Industrial Development | 0.456 |
| 1 | Agricultural Expansion | 0.536 |
| 3 | Residential Expansion | 0.008 |
| 4 | Conservation Area | 0 |

As shown in the table above, According to the Elevation, Agricultural Expansion is the first priority. Next priorities are assigned to Industrial Development, Residential Expansion and Conservation Area according to the obtained weights.

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| --- | --- | --- |
| rank | Criterion name | Criterion weight |
| 2 | Industrial Development | 0.353 |
| 1 | Agricultural Expansion | 0.416 |
| 3 | Residential Expansion | 0.231 |
| 4 | Conservation Area | 0 |

As shown in the table above, According to the Soil Type, Agricultural Expansion is the first priority. Next priorities are assigned to Industrial Development, Residential Expansion and Conservation Area according to the obtained weights.

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| --- | --- | --- |
| rank | Criterion name | Criterion weight |
| 1 | Industrial Development | 0.487 |
| 2 | Agricultural Expansion | 0.373 |
| 3 | Residential Expansion | 0.14 |
| 4 | Conservation Area | 0 |

As shown in the table above, According to the CriterioLand Use/Land Covern 4, Industrial Development is the first priority. Next priorities are assigned to Agricultural Expansion, Residential Expansion and Conservation Area according to the obtained weights.

|  |  |  |
| --- | --- | --- |
| rank | Criterion name | Criterion weight |
| 1 | Industrial Development | 0.348 |
| 2 | Agricultural Expansion | 0.334 |
| 3 | Residential Expansion | 0.319 |
| 4 | Conservation Area | 0 |

As shown in the table above, According to the Slope, Industrial Development is the first priority. Next priorities are assigned to Agricultural Expansion, Residential Expansion and Conservation Area according to the obtained weights.

|  |  |  |
| --- | --- | --- |
| rank | Criterion name | Criterion weight |
| 2 | Industrial Development | 0.352 |
| 1 | Agricultural Expansion | 0.547 |
| 3 | Residential Expansion | 0.101 |
| 4 | Conservation Area | 0 |

As shown in the table above, According to the Proximity to Roads, Agricultural Expansion is the first priority. Next priorities are assigned to Industrial Development, Residential Expansion and Conservation Area according to the obtained weights.

|  |  |  |
| --- | --- | --- |
| rank | Criterion name | Criterion weight |
| 2 | Industrial Development | 0.395 |
| 1 | Agricultural Expansion | 0.422 |
| 3 | Residential Expansion | 0.183 |
| 4 | Conservation Area | 0 |

As shown in the table above, According to the GIS, Agricultural Expansion is the first priority. Next priorities are assigned to Industrial Development, Residential Expansion and Conservation Area according to the obtained weights.