Supplementary Materials: Mapping Decadal Land Cover Changes in the Woodlands of North Eastern Namibia from 1975 to 2014 Using the Landsat Satellite Archived Data

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Table S1. Google Earth Engine code.

<table>
<thead>
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<th>Year</th>
<th>Water</th>
<th>Clay Pan</th>
<th>Agriculture</th>
<th>Sand</th>
<th>Woodland</th>
<th>Wetland</th>
<th>Urban</th>
<th>Total</th>
<th>Error C</th>
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</thead>
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Table S2. Evaluation error matrices indicating overall accuracy, errors of commission and omission, and total training data pixels.

<table>
<thead>
<tr>
<th>Year</th>
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<th>Clay Pan</th>
<th>Agriculture</th>
<th>Sand</th>
<th>Woodland</th>
<th>Wetland</th>
<th>Total Error C</th>
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Overall accuracy: 0.9971, Error C: 0.9883, Total: 41275
Table S3. Error matrices for each period showing adjusted change area and confidence intervals. The transition from woodland to non-woodland is labeled deforestation. Error matrix entries are expressed as the estimated area proportion. Map classes represent rows and reference classes the columns.

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<tr>
<th></th>
<th>2004–2014</th>
<th>Agriculture</th>
<th>Woodland</th>
<th>Deforestation</th>
<th>Total</th>
<th>Map Area</th>
<th>User’s</th>
<th>Producers</th>
<th>Overall</th>
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<th>Producers</th>
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Table S4. Cross tabulation matrices showing change trajectories as a percentage of the study area [1].

<table>
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<th>Claypan</th>
<th>Agriculture</th>
<th>Sand</th>
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<th>Woodland</th>
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<th>Urban</th>
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Table S5. Pearson Pearson’s coefficient (r) showing the relation between the aerial extent of main land cover class transition (i.e., woodland to agriculture) in each 5 km distance zone, and each proximal change variable for each interval assessed.

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</thead>
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<td>−0.62</td>
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<td>−0.84</td>
</tr>
<tr>
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<td>−0.81</td>
<td>−0.81</td>
<td>−0.87</td>
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References