This map compendium was developed as a part of the “Medium to Long-term Multi-Stakeholder Strategy and Action Plan for Management and Conservation of the Kelani River Basin” formulated by the Central Environment Authority (CEA) and the International Union for the Conservation of Nature (IUCN) Sri Lanka Country Office with the active participation of a large number of stakeholder groups and technical inputs from the Ministry of City Planning and Water Supply and United Nations Children’s Fund (UNICEF).
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Related documents:
2. Natural Resource Profile of the Kelani River Basin
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Sub Basins of Kelani River Basin
Administrative Boundaries of Kelani River Basin

Prepared by: IUCN Sri Lanka
Source: Survey Department

Kelani River Basin Management & Conservation Programme
2015
Forest Reserves in Kelani River Basin
(declared by the Forest Department)
Wild Life Reserves in Kelani River Basin
Distribution of Archaeological sites in Kelani River Basin

Prepared by: R&D Unit, CEA

Source: Archaeological Department

Kelani River Basin Management & Conservation Programme 2015
Note: This map is based on the areas specified in the part III of the scheduled of the Gazette extra Ordinary No. 772 22 of 24th June 1993 published under National Environmental Act (NEA) and subsequent amendments (EIA regulations), by the CEA except the flood protection areas declared under the Sri Lanka Land Reclamation and Development Corporation Act.

Prepared by: R&D Unit, CEA

Areas Specified Under NEA

Kelani River Basin Management & Conservation Programme 2015
Soil Map of Kelani River Basin

Legend
- Sub Watershed

<table>
<thead>
<tr>
<th>Soil Type</th>
<th>Area (km²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alluvial soils of variable drainage and texture; flat terrain</td>
<td>61</td>
</tr>
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<td>Bog and Half-Bog soils; flat terrain</td>
<td>36</td>
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<tr>
<td>Latosols and Regosols on old red and yellow sands; flat terrain</td>
<td>4</td>
</tr>
<tr>
<td>Red-Yellow Podzolic soils &amp; Mountain Regosols; mountainous terrain</td>
<td>345</td>
</tr>
<tr>
<td>Red-Yellow Podzolic soils with dark B horizon &amp; RedYellow Podzolic soils with prominent A1 horizon; rolling terrain</td>
<td>3</td>
</tr>
<tr>
<td>Red-Yellow Podzolic soils with soft or hard laterite; rolling and undulating terrain</td>
<td>523</td>
</tr>
<tr>
<td>Red-Yellow Podzolic soils with strongly mottled subsoil &amp; Low Humic Gley soils; rolling and undulating terrain</td>
<td>116</td>
</tr>
<tr>
<td>Red-Yellow Podzolic soils; steeply dissected, hilly and rolling terrain</td>
<td>1150</td>
</tr>
<tr>
<td>Reddish Brown Latosolic soils; steeply dissected, hilly and rolling terrain</td>
<td>47</td>
</tr>
<tr>
<td>Regosols on Recent beach and dune sands; flat terrain</td>
<td>2</td>
</tr>
<tr>
<td>Steep rockland &amp; Lithosols</td>
<td>41</td>
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</tbody>
</table>

Prepared by: IUCN Sri Lanka
Source: Survey Department
Land Use Map of Kelani River Basin

Legend
- Main Road
- Secondary Road
- Railway Line
- Homestead
- Rubber
- Scrub
- Sand
- Paddy
- Other Cultivation
- Grassland
- Water Bodies
- Tea
- Chena
- Coconut
- Forest
- Marsh
- Rock
- Non-agricultural land
- Other cultivation
- Paddy
- Rubber
- Scrub
- Tea
- Water bodies

Land Use Area (km²)
- Chena: 16
- Coconut: 70
- Forest: 237
- Grassland: 2
- Home garden: 647
- Marsh: 24
- Non-agricultural land: 4
- Other cultivation: 39
- Paddy: 150
- Rock: 19
- Rubber: 695
- Scrub: 68
- Tea: 300
- Water bodies: 48
Spatial Distribution of High, Medium & Low Polluting Industries in Kelani River Basin

Prepared by: IUCN Sri Lanka
Source: Central Environmental Authority

Legend
- A Category Industry
- B Category Industry
- C Category Industry
- Sub Watershed Boundary

<table>
<thead>
<tr>
<th>Sub Catchment Name</th>
<th>No of Industries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
</tr>
<tr>
<td>Ambalanpiti Oya/Gomma Oya</td>
<td>6</td>
</tr>
<tr>
<td>Biyagama</td>
<td>14</td>
</tr>
<tr>
<td>Getalhetta Oya</td>
<td>10</td>
</tr>
<tr>
<td>Gurugoda Oya</td>
<td>34</td>
</tr>
<tr>
<td>Kolonnawa Ella</td>
<td>180</td>
</tr>
<tr>
<td>Lower Kelani Ganga</td>
<td>190</td>
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<tr>
<td>Lower Middle Kelani Ganga</td>
<td>50</td>
</tr>
<tr>
<td>Magal Ganga</td>
<td>0</td>
</tr>
<tr>
<td>Maha Oya/Seethawaka Ganga</td>
<td>18</td>
</tr>
<tr>
<td>Pallawela Oya/Maha Ella</td>
<td>161</td>
</tr>
<tr>
<td>Panapura Oya</td>
<td>0</td>
</tr>
<tr>
<td>Pugoda Oya</td>
<td>7</td>
</tr>
<tr>
<td>Pusweli Oya</td>
<td>148</td>
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<tr>
<td>Ritigaha Oya</td>
<td>5</td>
</tr>
<tr>
<td>Upper Kelani Ganga</td>
<td>2</td>
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<tr>
<td>Upper Middle Kelani Ganga</td>
<td>28</td>
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<tr>
<td>Wak Oya/Kalatuwara</td>
<td>7</td>
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<tr>
<td>Wallath Oya</td>
<td>2</td>
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</tbody>
</table>
Spatial Distribution of Schools in Kelani River Basin

Prepared by: IUCN Sri Lanka
Source: Central Environmental Authority

Legend
- School
- Sub Watershed Boundary

<table>
<thead>
<tr>
<th>Sub Catchment</th>
<th>No of School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambalampiti Oya/Gonnala Oya</td>
<td>16</td>
</tr>
<tr>
<td>Biyagama</td>
<td>25</td>
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<tr>
<td>Getahetta Oya</td>
<td>11</td>
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<tr>
<td>Gurugoda Oya</td>
<td>83</td>
</tr>
<tr>
<td>Kehelgamu Ganga</td>
<td>83</td>
</tr>
<tr>
<td>Kolonnawa Ela</td>
<td>56</td>
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<tr>
<td>Lower Kelani Ganga</td>
<td>82</td>
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<tr>
<td>Lower Middle Kelani Ganga</td>
<td>48</td>
</tr>
<tr>
<td>Magal Ganga</td>
<td>12</td>
</tr>
<tr>
<td>Maha Oya/Seethawaka Ganga</td>
<td>47</td>
</tr>
<tr>
<td>Maskeliya Oya</td>
<td>47</td>
</tr>
<tr>
<td>Pallawella Oya/Maha Ela</td>
<td>24</td>
</tr>
<tr>
<td>Panapurana Oya</td>
<td>12</td>
</tr>
<tr>
<td>Pugoda Oya</td>
<td>12</td>
</tr>
<tr>
<td>Puswell Oya</td>
<td>41</td>
</tr>
<tr>
<td>Ritigaha Oya</td>
<td>20</td>
</tr>
<tr>
<td>Upper Kelani Ganga</td>
<td>31</td>
</tr>
<tr>
<td>Upper Middle Kelani Ganga</td>
<td>71</td>
</tr>
<tr>
<td>Wak Oya/Kalatuwawa</td>
<td>18</td>
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<tr>
<td>Walile Oya</td>
<td>20</td>
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</table>
Existing Water Sampling and River Gauging Stations of Kelani River Basin

Prepared by: IUCN Sri Lanka
Source: Survey Department

River Gauging Stations

<table>
<thead>
<tr>
<th>No</th>
<th>Location Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLP1</td>
<td>Nagalagam</td>
</tr>
<tr>
<td>QLP2</td>
<td>Hanwella</td>
</tr>
<tr>
<td>QLP3</td>
<td>Glen Course</td>
</tr>
<tr>
<td>QLP4</td>
<td>Deraniyagala</td>
</tr>
<tr>
<td>QLP5</td>
<td>Kitulgala</td>
</tr>
<tr>
<td>QLP6</td>
<td>Norwood</td>
</tr>
<tr>
<td>QLP7</td>
<td>Holombuwa</td>
</tr>
</tbody>
</table>

Water Sampling Stations

<table>
<thead>
<tr>
<th>No</th>
<th>Location Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1</td>
<td>Sithawake Thotupala</td>
</tr>
<tr>
<td>L2</td>
<td>Thalduwa Bridge</td>
</tr>
<tr>
<td>L3</td>
<td>Kaluagala Palama (Wak Oya)</td>
</tr>
<tr>
<td>L4</td>
<td>Hanwalla Bridge</td>
</tr>
<tr>
<td>L5</td>
<td>Kananthalla Bridge</td>
</tr>
<tr>
<td>L6</td>
<td>Kalu Palama (Pugoda Ela)</td>
</tr>
<tr>
<td>L7</td>
<td>Pussali Oya</td>
</tr>
<tr>
<td>L8</td>
<td>Maha Oya</td>
</tr>
<tr>
<td>L9</td>
<td>Rasagahawatta Ela</td>
</tr>
<tr>
<td>L10</td>
<td>Walliwita Bridge</td>
</tr>
<tr>
<td>L11</td>
<td>Palliyawatta Bridge</td>
</tr>
<tr>
<td>L12</td>
<td>Victoria Bridge</td>
</tr>
<tr>
<td>L13</td>
<td>Gurugoda Oya</td>
</tr>
</tbody>
</table>

Sampling Locations

- Green: River Gauging Stations
- Purple: Water Sampling Location
Proposed Water Sampling Stations of Kelani River Basin

Ref. No | Name
---|---
M1 | Hambantota Oya at Galaboda
M2 | Kehelgamu Oya at Norwood
M3 | Dikoya Closer to Castlereigh Reservoir
M4 | Below Castlereigh Reservoir
M5 | Kehelgamu Oya at Kalaweldeniya (Norton)
M6 | Kelani River at Polpitiya
M7 | Maskeliya Oya Closer to maskeliya Town
M8 | Below Maussakele Reservoir
M9 | Sita Gangula at Naillathanniya
M10 | Maskeliya Oya at Laxapanaagalla
M11 | Kelani River at Kitulgala
M12 | Kelani River at Yatiyantota
M13 | Welihel Oya at Yatiyantota
M14 | Alapalawala Oya at Morantota
M15 | Gurugoda Oya at Boyagoda
M16 | Ritiha Oya Bulathkohupitiya
M17 | Gurugoda Oya at Kannattota
M18 | Ritigaha Oya at Kannattota
M19 | Kelani River at Ruwanwella
M20 | Mogal Gangga at Pallepansiya
M21 | Sitawaka Gangga at Thalal Nakkawita
M22 | Sitawaka ganga at Yogama
M23 | Near Kaduwela Bridge
M24 | Kelani River at Peliyagodawatta
M25 | Hakitta Ella at Hakitta
M26 | Kelani River Outfall

Prepared by: IUCN Sri Lanka
Source: Survey Department

Kelani River Basin Management & Conservation Programme 2015