

Restoration of Degraded Deltaic Wetlands of the Mississippi Delta v2.0

Errata & Clarifications

August 2019

This is a supplemental document to the ACR modular methodology Restoration of Degraded Deltaic Wetlands of the Mississippi Delta, v2.0.

1.1 Errata: July 2019

Document and Section Reference	Change
BL-WR-HM-WL; 4.1 Baseline carbon stocks	<p>For calculation of carbon stock sequestered by living trees and soils, see the modules “Estimation of carbon stocks of living trees” (CP-TB) and “Estimation of carbon stocks of wetland soils” (CP-S). For the calculation of greenhouse gas emissions, see the module “Estimation of emission sources” (E-E).</p> <p>To</p> <p>For calculation of carbon stock sequestered by living trees and soils, the modules “Estimation of carbon stocks of living trees” (CP-TB) and “Estimation of carbon stocks of wetland soils” (CP-S) may be employed. For the calculation of greenhouse gas emissions, employ the module “Estimation of emission sources” (E-E).</p>
BL-WR-HM-WL; 4.2 Baseline carbon stock changes of the living trees with wetland loss ($\Delta C_{TREE_BSL_LOSS}$)	<p>Project Proponent may conservatively quantify carbon stock changes of living trees during projected wetland loss for the baseline scenario using module “Estimation of Carbon Stocks of Living Trees” (CP-TB). The estimation of carbon stock changes of living trees for the baseline scenario (ΔC_{TREE_BSL}) from CP-TB will be modified to ($\Delta C_{TREE_BSL_LOSS}$) using the equation below.</p> <p>To</p> <p>Project Proponent may conservatively quantify carbon stock changes of living trees during projected wetland loss for the baseline scenario using module “Estimation of Carbon Stocks of Living Trees” (CP-TB) or from peer reviewed</p>



	<p>literature sources. The estimation of carbon stock changes of living trees for the baseline scenario (ΔC_{TREE_BSL}) from CP-TB or from peer reviewed literature sources will be modified to ($\Delta C_{TREE_BSL_LOSS}$) using the equation below.</p>
<p>BL-WR-HM-WL; 4.3 Baseline carbon stock changes of the soil pool during wetland loss ($\Delta C_{SOC_BSL_LOSS}$)</p>	<p>The estimation of carbon stock changes of the soil in the baseline scenario (ΔC_{SOC_BSL}) from CP-S will be modified to ($\Delta C_{SOC_BSL_loss}$) using the equation below.</p> <p>To</p> <p>The estimation of carbon stock changes of the soil in the baseline scenario (ΔC_{SOC_BSL}) from CP-S or from peer reviewed literature sources will be modified to ($\Delta C_{SOC_BSL_loss}$) using the equation below.</p>
<p>BL-WR-HM-WL; 4.3 Baseline carbon stock changes of the soil pool during wetland loss ($\Delta C_{SOC_BSL_LOSS}$)</p>	<p>$fCSOC_{BSL}$ Rate of increase in soil carbon stock for the baseline scenario; t CO₂-e yr⁻¹ (CP-S)</p> <p>To</p> <p>$fCSOC_{BSL}$ Rate of increase in soil carbon stock for the baseline scenario; t CO₂-e yr⁻¹ (CP-S or from peer reviewed literature sources)</p>
<p>CP-S; II.B Step 3</p>	<p>For bulk density analysis, a single core shall be taken next to the one for carbon analysis. The samples are then oven dried and weighed for bulk density and soil organic carbon determination.</p> <p>To</p> <p>A single core may be taken for bulk density and carbon analysis. The sample shall be oven dried and weighed for bulk density and subsequent soil organic carbon determination.</p>

1.2 Clarifications: July 2019

Document and Section Reference	Change
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<p>BL-WR-HM-WL; Step 4. Baseline net removals for fixed baselines</p>	<p>Added:</p> <p>When applying these equations for the ex-post calculation of baseline net GHG removals by sinks, Project Proponent may provide literature-based estimates of those parameters not sampled prior to project start. If literature-based estimates are utilized, references must be peer-reviewed, ecologically relevant (i.e. similar ecosystem/stand characteristics/management objectives/experimental treatment) and geographically pertinent (Outer Coastal Plain Mixed Forest Province or Lower Mississippi Riverine Forest Province^{1, 2}), with ≥ 3 literature-based estimates per monitoring parameter. Project Proponents must incorporate uncertainty of literature-based sequestration estimates utilizing the conservative bound of the 90% confidence interval.</p> <p>¹ See Bailey Ecoregions of the United States.</p> <p>² ACR requests a geospatial layer indicating locations of literature-based estimates to facilitate verification.</p>
<p>BL-WR-HM-WL; Parameters originating in other modules</p>	<p>Data/parameters "ΔC_{TREE_BSL}", "ΔGHG_{E_BSL}" and "$fCSOC_{BSL}$" may be derived from peer-reviewed literature.</p>