

TC D.4 – Rural Roads and Earthworks

Issue D.4.1	
Exposure of earthworks structures and rural roads to climate change	
<i>Strategies</i>	<i>Outputs</i>
<p>Investigate and document simulation and modelling tools and techniques to support road administrations in managing and responding to adverse conditions as a result of climate change (e.g., drainage and storm water management).</p> <p>Investigate and document local practices and techniques for “all-weather” service (dry season, rainy season)</p>	<p>Report of best practices on before/after strategies, and guidance.</p> <p>Report of best practices and recommendations.</p>
Issue D.4.2	
Local materials, practices and techniques	
<i>Strategies</i>	<i>Outputs</i>
<p>Investigate and document construction and maintenance practices and techniques incorporating the use of marginal and secondary materials, including stabilization.</p> <p>Disseminate work on use of local materials produced in previous cycles.</p>	<p>Review of practices using marginal and secondary materials in rural or in industrial areas.</p> <p>Seminar/Workshop incorporating Technical Committees’ past products</p>
Issue D.4.3	
Management of earthworks	
<i>Strategies</i>	<i>Outputs</i>
<p>Collect information and conduct analysis of best practices in earthworks management with a focus on systematic approaches that could be incorporated into broader road networks asset management to support the decision making process.</p>	<p>Guidance report on how to develop and implement Earthwork Management Systems considering the tools for those systems: inventory, assessment and aids to decision making.</p> <p>To include updates to the Asset Management Manual in consultation with TC D1.1 charged with the development of the web-based Asset management manual to ensure consistency in content and format.</p>

Development of content alongside the formal outputs to foster visibility and the sharing of the group’s work throughout the cycle.