

**ANEXO - ADJUNTO 1
MODELO DE MATRIZ DE EVALUACION DE IMPACTOS IMPACTOS
DUCTO POR TRAMOS**

Factores ambientales		Acciones Impactantes								Media Total	
		Construcción y Puesta en Marcha				Operación y mantenimiento					
		Acción 1	Acción 2	Acción n	Valor Medio	Acción 1	Acción 2	Acción j	Valor Medio		
Sistema ambiental	Medio físico	Factor 1	I_{11}	I_{21}	I_{n1}	$F_{1m} = \Sigma (I_{11} \dots I_{n1}) / n$				$F_{1m} = \Sigma (I_{11} \dots I_{j1}) / j$	
		Factor 2	I_{12}	I_{22}	I_{n2}	$F_{2m} = \Sigma (I_{12} \dots I_{n2}) / n$				$F_{2m} = \Sigma (I_{12} \dots I_{j2}) / j$	
		Factor 3	I_{13}	I_{23}	I_{n3}	$F_{3m} = \Sigma (I_{13} \dots I_{n3}) / n$				$F_{3m} = \Sigma (I_{13} \dots I_{j3}) / j$	
		Factor ...	$I_{1...}$	$I_{2...}$	$I_{n...}$	$F_{...m} = \Sigma (I_{1...} \dots I_{n...}) / n$				$F_{...m} = \Sigma (I_{1...} \dots I_{j...}) / j$	
		Factor g	I_{1g}	I_{2g}	I_{ng}	$F_{gm} = \Sigma (I_{1g} \dots I_{ng}) / n$				$F_{gm} = \Sigma (I_{1g} \dots I_{jg}) / j$	
		Importancia media				$\Sigma (F_{1m} \dots F_{gm}) / g$	Importancia media			$\Sigma (F_{1m} \dots F_{gm}) / g$	
	Medio biológico	Factor 1				$F_{1m} = \Sigma (I_{11} \dots I_{n1}) / n$				$F_{1m} = \Sigma (I_{11} \dots I_{j1}) / j$	
		Factor 2				$F_{2m} = \Sigma (I_{12} \dots I_{n2}) / n$				$F_{2m} = \Sigma (I_{12} \dots I_{j2}) / j$	
		Factor 3				$F_{3m} = \Sigma (I_{13} \dots I_{n3}) / n$				$F_{3m} = \Sigma (I_{13} \dots I_{j3}) / j$	
		Factor ...				$F_{...m} = \Sigma (I_{1...} \dots I_{n...}) / n$				$F_{...m} = \Sigma (I_{1...} \dots I_{j...}) / j$	
		Factor h				$F_{hm} = \Sigma (I_{1h} \dots I_{nh}) / n$				$F_{hm} = \Sigma (I_{1h} \dots I_{jh}) / j$	
		Importancia media				$\Sigma (F_{1m} \dots F_{hm}) / h$	Importancia media			$\Sigma (F_{1m} \dots F_{hm}) / h$	
	Medio socioeconómico o cultural	Factor 1				$F_{1m} = \Sigma (I_{11} \dots I_{n1}) / n$				$F_{1m} = \Sigma (I_{11} \dots I_{j1}) / j$	
		Factor 2				$F_{2m} = \Sigma (I_{12} \dots I_{n2}) / n$				$F_{2m} = \Sigma (I_{12} \dots I_{j2}) / j$	
		Factor 3				$F_{3m} = \Sigma (I_{13} \dots I_{n3}) / n$				$F_{3m} = \Sigma (I_{13} \dots I_{j3}) / j$	
Factor ...					$F_{...m} = \Sigma (I_{1...} \dots I_{n...}) / n$				$F_{...m} = \Sigma (I_{1...} \dots I_{j...}) / j$		
Factor i					$F_{im} = \Sigma (I_{1i} \dots I_{ni}) / n$				$F_{im} = \Sigma (I_{1i} \dots I_{ji}) / j$		
	Importancia media				$\Sigma (F_{1m} \dots F_{im}) / i$	Importancia media			$\Sigma (F_{1m} \dots F_{im}) / i$		

**ANEXO - ADJUNTO 2
MODELO DE MATRIZ DE IMPACTO
INSTALACIONES COMPLEMENTARIAS**

Factores ambientales		Acciones Impactantes								Media Total	
		Construcción y Puesta en Marcha				Operación y mantenimiento					
		Acción 1	Acción 2	Acción n	Valor Medio	Acción 1	Acción 2	Acción j	Valor Medio		
Sistema ambiental	Medio físico	Factor 1	I_{11}	I_{21}	I_{n1}	$F_{1m} = \Sigma (I_{11} \dots I_{n1}) / n$				$F_{1m} = \Sigma (I_{11} \dots I_{j1}) / j$	
		Factor 2	I_{12}	I_{22}	I_{n2}	$F_{2m} = \Sigma (I_{12} \dots I_{n2}) / n$				$F_{2m} = \Sigma (I_{12} \dots I_{j2}) / j$	
		Factor 3	I_{13}	I_{23}	I_{n3}	$F_{3m} = \Sigma (I_{13} \dots I_{n3}) / n$				$F_{3m} = \Sigma (I_{13} \dots I_{j3}) / j$	
		Factor ...	$I_{1...}$	$I_{2...}$	$I_{n...}$	$F_{...m} = \Sigma (I_{1...} \dots I_{n...}) / n$				$F_{...m} = \Sigma (I_{1...} \dots I_{j...}) / j$	
		Factor g	I_{1g}	I_{2g}	I_{ng}	$F_{gm} = \Sigma (I_{1g} \dots I_{ng}) / n$				$F_{gm} = \Sigma (I_{1g} \dots I_{jg}) / j$	
		Importancia media				$\Sigma (F_{1m} \dots F_{gm}) / g$	Importancia media			$\Sigma (F_{1m} \dots F_{gm}) / g$	
	Medio biológico	Factor 1				$F_{1m} = \Sigma (I_{11} \dots I_{n1}) / n$				$F_{1m} = \Sigma (I_{11} \dots I_{j1}) / j$	
		Factor 2				$F_{2m} = \Sigma (I_{12} \dots I_{n2}) / n$				$F_{2m} = \Sigma (I_{12} \dots I_{j2}) / j$	
		Factor 3				$F_{3m} = \Sigma (I_{13} \dots I_{n3}) / n$				$F_{3m} = \Sigma (I_{13} \dots I_{j3}) / j$	
		Factor ...				$F_{...m} = \Sigma (I_{1...} \dots I_{n...}) / n$				$F_{...m} = \Sigma (I_{1...} \dots I_{j...}) / j$	
		Factor h				$F_{hm} = \Sigma (I_{1h} \dots I_{nh}) / n$				$F_{hm} = \Sigma (I_{1h} \dots I_{jh}) / j$	
		Importancia media				$\Sigma (F_{1m} \dots F_{hm}) / h$	Importancia media			$\Sigma (F_{1m} \dots F_{hm}) / h$	
	Medio socioeconómico o cultural	Factor 1				$F_{1m} = \Sigma (I_{11} \dots I_{n1}) / n$				$F_{1m} = \Sigma (I_{11} \dots I_{j1}) / j$	
		Factor 2				$F_{2m} = \Sigma (I_{12} \dots I_{n2}) / n$				$F_{2m} = \Sigma (I_{12} \dots I_{j2}) / j$	
		Factor 3				$F_{3m} = \Sigma (I_{13} \dots I_{n3}) / n$				$F_{3m} = \Sigma (I_{13} \dots I_{j3}) / j$	
Factor ...					$F_{...m} = \Sigma (I_{1...} \dots I_{n...}) / n$				$F_{...m} = \Sigma (I_{1...} \dots I_{j...}) / j$		
Factor i					$F_{im} = \Sigma (I_{1i} \dots I_{ni}) / n$				$F_{im} = \Sigma (I_{1i} \dots I_{ji}) / j$		
	Importancia media				$\Sigma (F_{1m} \dots F_{im}) / i$	Importancia media			$\Sigma (F_{1m} \dots F_{im}) / i$		