Method from European countries (Hydrological regime alteration)					
		IARI	DHRAM	IAHRIS	QM (HIDRI)
1. METHOD CHARACTERISTICS					
A - SOURCE OF INFORMATION / DATA COLLECTION	Map/Remote sensing	✓	✓		
	Existing hydrological data series	✓	✓	✓	✓
	Monitoring or measurement (field)				✓
	Modelling	✓	✓	✓	✓
B - SPATIAL SCALE	River catchment		PA		
	Water body	✓			✓
	Reach	✓	✓	✓	✓
	Cross section	✓		✓	✓
C - TEMPORAL SCALE	Monthly data	✓	✓	✓	
	Daily data	✓	✓	✓	
	Hourly data				
	Other	PA	PA		✓
D - RIVER TYPOLOGY APPLICATION	Not limited to specific river typologies	PA	✓	PA	✓
	Limited to specific river typologies				
E - TYPE OF ASSESSMENT	Single index	✓	✓		
	Multiple index			✓	✓
	Modelling			✓	
	Final expert judgment	✓			
F - REFERENCE CONDITION	Known pre-impact natural condition	✓	✓	PA	
	Reconstructed pre-impact natural condition	✓	✓		PA
G - PREDICTIVE ABILITY	Models and scenarios for evaluation of pressure changes			✓	
	Models and scenarios for evaluation of restoration measures			✓	
	No predictive assessment	✓	✓		
H - STRENGTHS / GAPS OF THE METHOD	Easy to apply				✓
	Applicability for different lengths of data series	✓			
	Procedure for gauged/ungauged stations	✓	✓	PA	✓
	A priori evaluation of pressures	✓	✓		
I - CONNECTION TO ECOLOGY	Influence on ecological status		PA	✓	PA
2. RECORDED FEATURES					
A - HYDROLOGICAL CONDITIONS	Flow regime	✓	✓	✓	
	Discharge	✓	✓	✓	✓
	Changes in flow depth				✓
	Flow velocity				✓
	Shear stress				
	Other				✓
B - METRICS OF FLOW REGIME	Magnitude	✓	✓	✓	
	Frequency	✓	✓	✓	
	Duration	✓	✓	✓	
	Timing (seasonality)	✓	✓	✓	
	Rate of change (rapidity)	✓	✓	PA	
	Minimum flow	✓	✓	✓	
	Maximum flow	✓	✓	✓	
	Variability (annual)	✓		✓	
	Interannual variability (climate)	✓		✓	
	Intermittent flows				
C - ASSESSED PRESSURES	Intakes, transfers and by-passes of water	✓	✓	PA	PA
	Groundwater interaction	✓	✓	✓	
	Hydro-peaking	PA	PA		
	Impoundment - change in hydrology	✓	✓	✓	PA
	Lateral/vertical adjustments - change in hydrology			PA	
	Large scale pressures (e.g. land use)	✓	PA		PA