

CHASE - Contaminants Status Assessment Tool

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Data

Country	Water bodies	From	To	Substances	Water	Biota	Sediment
Turkey	12	2016	2016	28		x	x
Romania	3	2012	2017	40x		x	x
Ukraine	16	2012	2017	39x		x	x
Russia	2	2016	2017	40x		x	x
Bulgaria	11	2015	2015		x	x	x
Georgia	?						

Results – sediment assessment in 4 countries

	Bad	Poor	Moderate	Good	High	TOTAL
BG	1	2				3
RO		1	2			3
TR			3		8	11
UA	1		3	8	2	14
Total	2	3	8	8	10	31

	Bad	Poor	Moderate	Good	High	TOTAL
BG	33%	67%				100%
RO		33%	67%			100%
TR			27%		73%	100%
UA	7%		21%	57%	14%	100%
Total	6%	10%	26%	26%	32%	100%

Draft Recommendations (TO BE DISCUSSED)

- ANEMONE project participants should agree:
 1. Common list of contaminants
 2. Common threshold values for the contaminants list
 3. Common methodology for preparing bottom sediment sample (Metals 63 μ m, Organics 200 μ m) OR using normalisation (Corg, Al)
 4. For water, trace metals samples from 0.45 μ m filtered fraction (i if sample is from unfiltered water, we must indicate that it is total suspended + dissolved)
 5. Biota matrix – agree on use of Toxicity Equivalent (TEQ)
 6. Criteria for setting confidence “High” “Moderate” or “Low” for Thresholds/Status

Tool update

- Import different column separator format (, ; tab)
- Import Excel
- Count of indicators in results table
- Export results
- Confidence assessment

Table 7 Criteria that need to be fulfilled at the level of assessment unit in the integrated assessment of hazardous substances. If the minimum requirement criteria are not met, a penalty is applied to the overall confidence.

Minimum requirement criteria	Penalty applied to the confidence score if the criteria is not met
At least two heavy metal substances are included in the assessment (all categories)	50% reduced confidence
At least three organic substances are included in the assessment (all categories)	50% reduced confidence