



bio-met v5

Update of the metal bioavailability tool

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European
Copper Institute
Copper Alliance

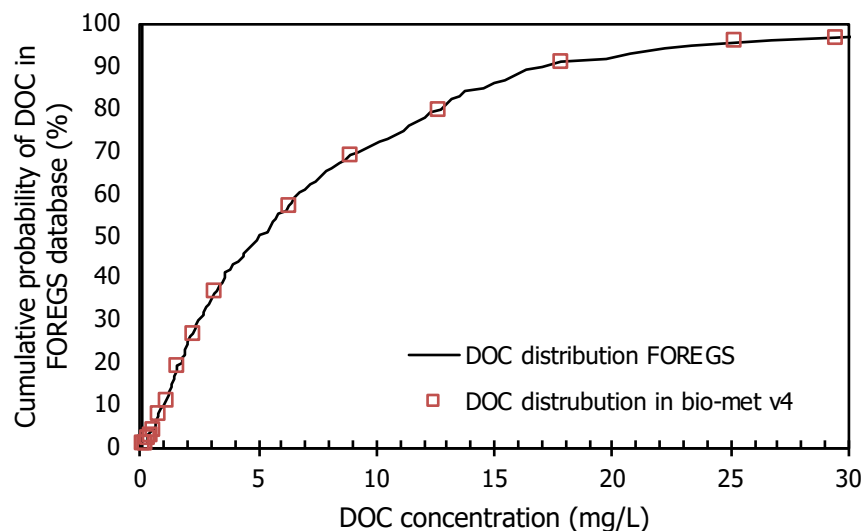


► bio-met v5: What's new?

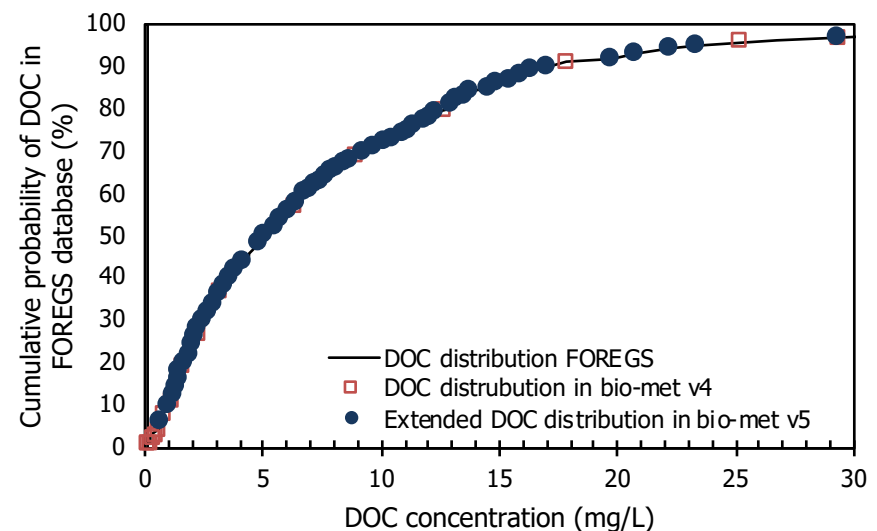
- Look-up table extended:
 - Sensitive waters (low Ca, sensitive pH)
 - **DOC resolution**
 - bio-met v5: 33000 individual entries of water chemistry: i.e. pH, DOC, Ca & full BLM simulated HC5
(bio-met v4: 17000 entries)

2

bio-met v4



bio-met v5

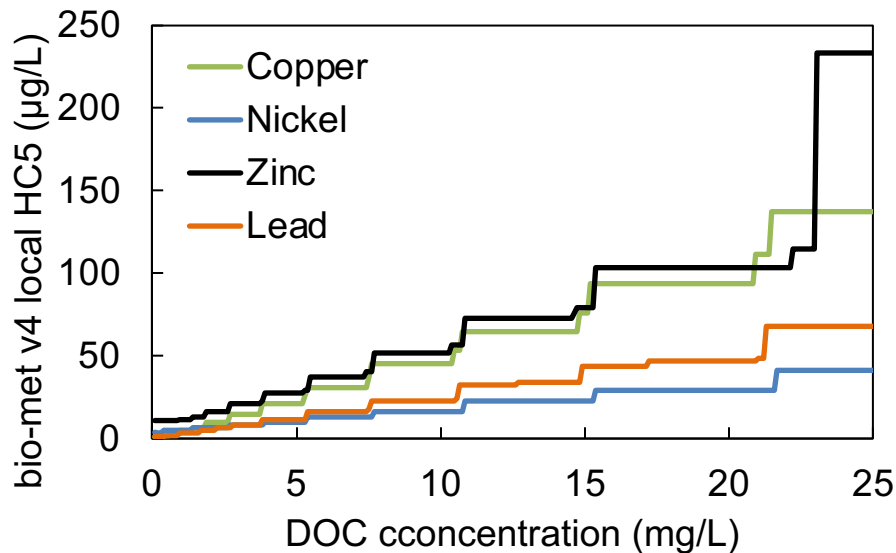


► bio-met v5: What's new?

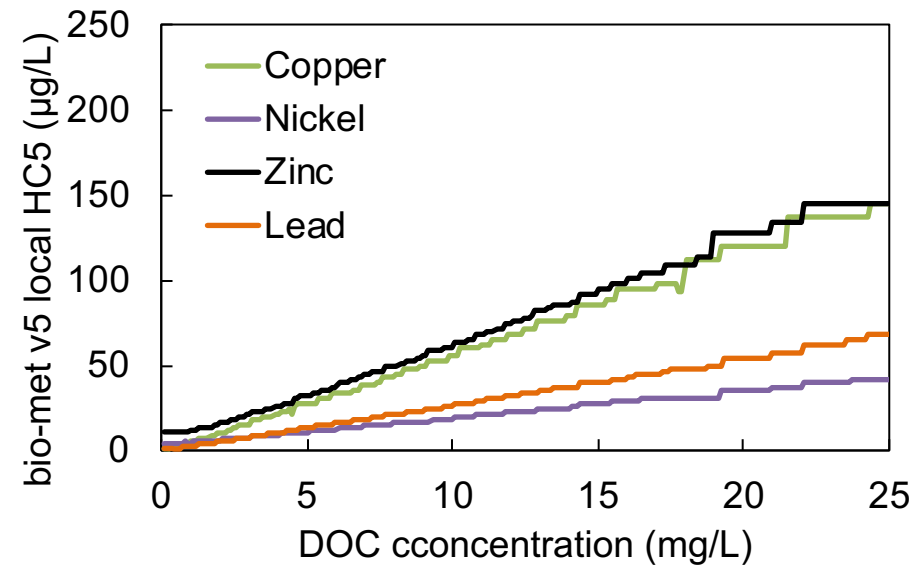
- Look-up table extended
 - DOC resolution: e.g. pH 7.5, Ca 20 mg/L

3

bio-met v4



bio-met v5



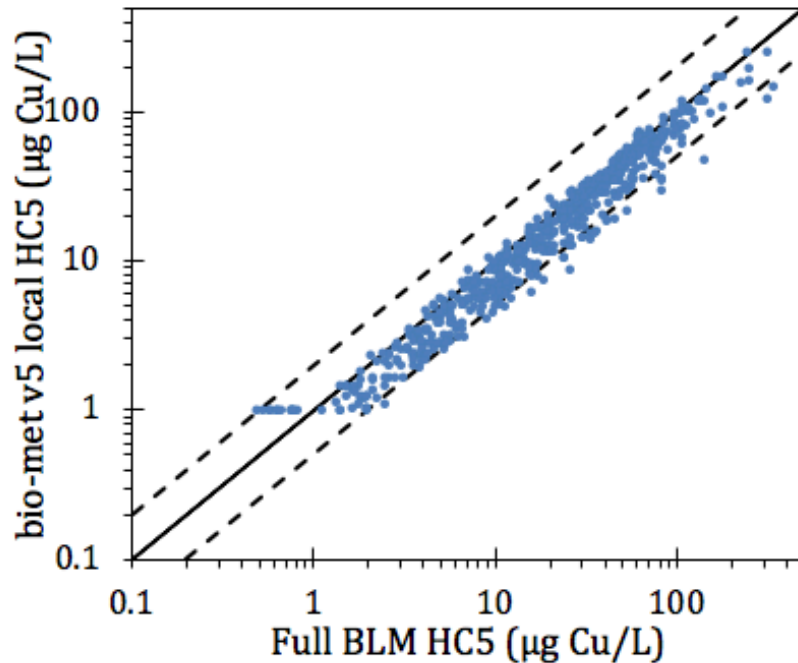
- Updates to align bio-met calculations with newest WFD-guidance on metal EQS derivation

► bio-met v5: Validation

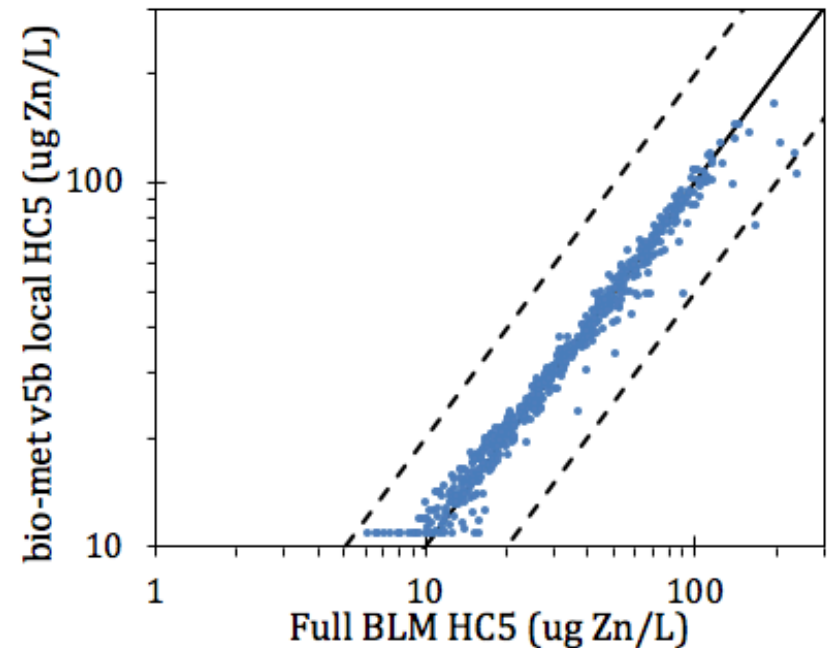
- Validated against full BLM normalizations for FOREGS waters

4

Copper – bio-met v5



Zinc – bio-met v5



► bio-met v5: Where?

- bio-met.net
 - Register to be informed of the latest news

5

