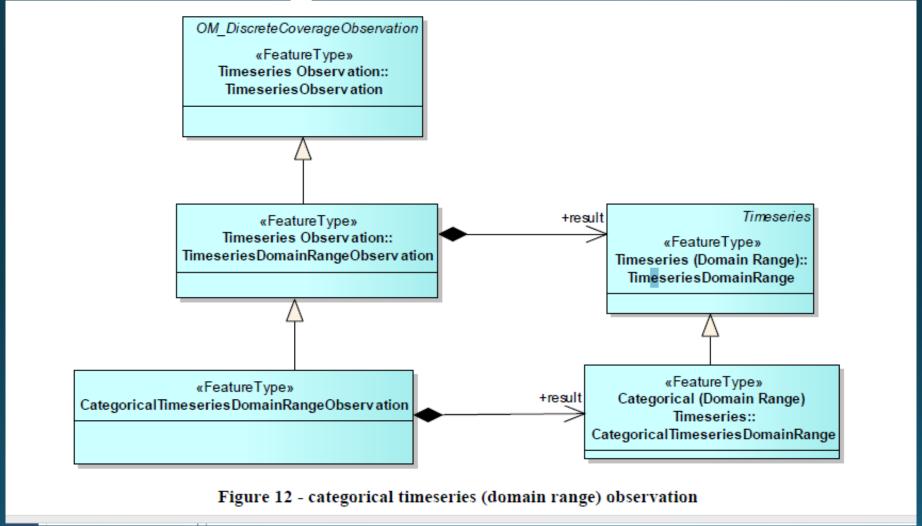
CityGML 3.0 WP-06

Time Series in WaterML

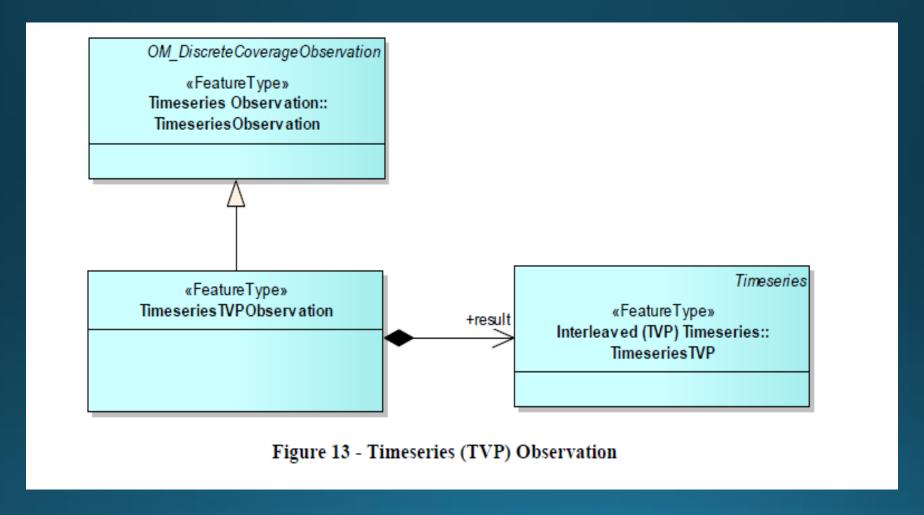
Two Styles = Two Legacies

- Lists of Time-Value Pairs
 - Time1 Value1
 - Time₂ Value₂
 - Time₃ Value₃
 - ...
 - Time_n Value_n
- Domain Range Lists
 - Time₁ Time₂ Time₃ ... Time_n
 - Value₁ Value₂ Value₃ ... Value_n
- ISO 19156 Observations and Measurements

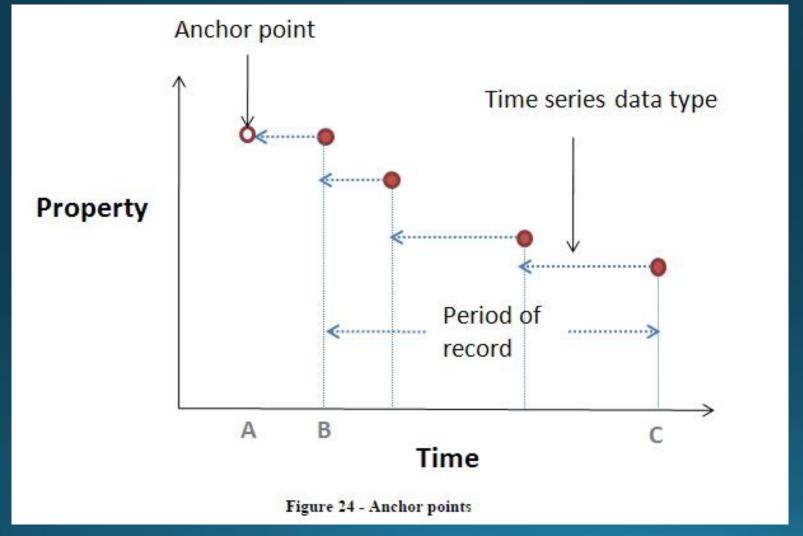
Domain Range



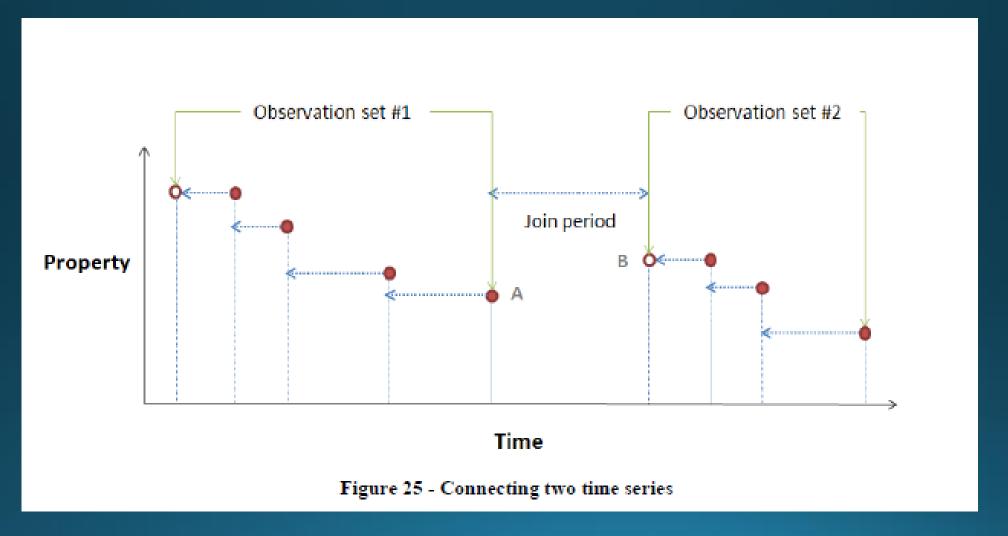
Time-Value Pair (TVP)



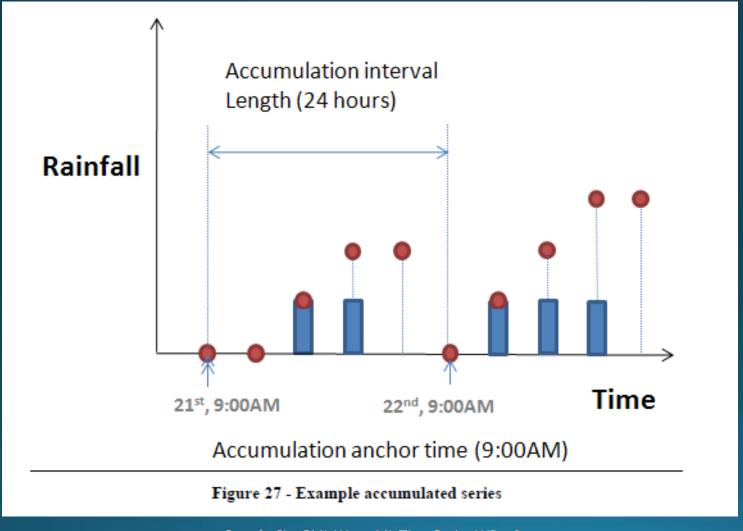
Anchor Points



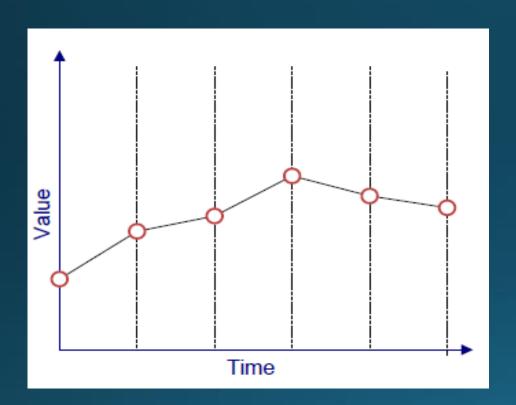
Disjoint Time Series of Same Property

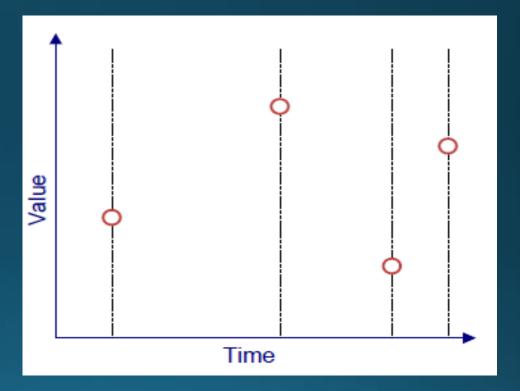


Cumulative Time Series



Continuity in Time Series





Interesting But Slightly Off-Topic

- phenomenonTime when it happened in the world
- •resultTime when sensed or computed measurement value is available
- •validTime <u>when the observation should</u> <u>be used</u>