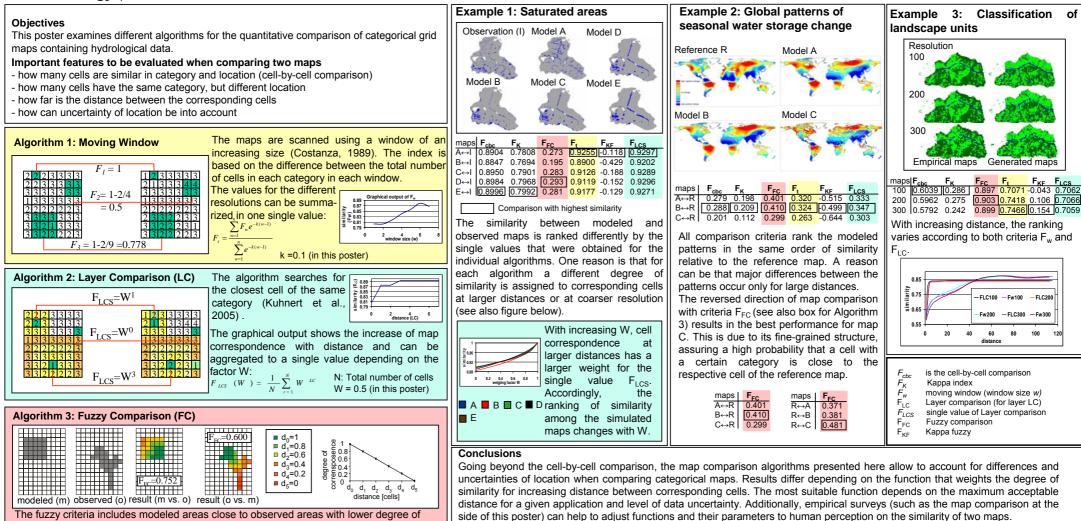
## Methods for spatial pattern comparison in distributed hydrological modelling

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The fuzzy criteria includes modeled areas close to observed areas with lower degree of similarity (Güntner et al., 2004). Hagen (2003) provides a Kappa-based fuzzy criterion considering location and category ( $F_{\kappa E}$ ).



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