Assessing visual representation of uncertainty in conservation policy makers-directed documents.

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1 Context & Purpose

Workshop in NINA. Preliminary title "Communicating uncertainty from resource management models". Group 2: visual representation of uncertainty and users perception. Assessing the way uncertainty about scientific measures and models results is currently represented in documents directed to conservation policy-makers. Kinkeldey et al. (2013) reviewed papers about uncertainty representation in scientific papers, identifying five different levels of dichotomies.

- Explicit (uncertainty obtained from the data) / Implicit (properly displaying all the possibilities)
- Extrinsic (new objects to represent uncertainty, *e.g.* skewers, glyphs, intervals) / Intrinsic (altering the measure visuals, *e.g.* play on colors and shapes)
- Visually integral (make sense only combined with the data) / Visually separable (still make sense when separated from the data)
- Coincident (represented in the same place as the data) / Adjacent (represented in another box than the data one's)
- Static (inanimate figure) / Dynamic (interactive figure)