

CMAS 2016 Conference

Developer/User's Meeting: Alternative Future Realities - Considerations for Modeling

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Tom Moore

WESTAR-WRAP



Panelists

- Michael Barna – National Park Service
- Chris Emery – Ramboll Environ
- Dan Loughlin – U.S. EPA
- Tanya Spero – U.S. EPA

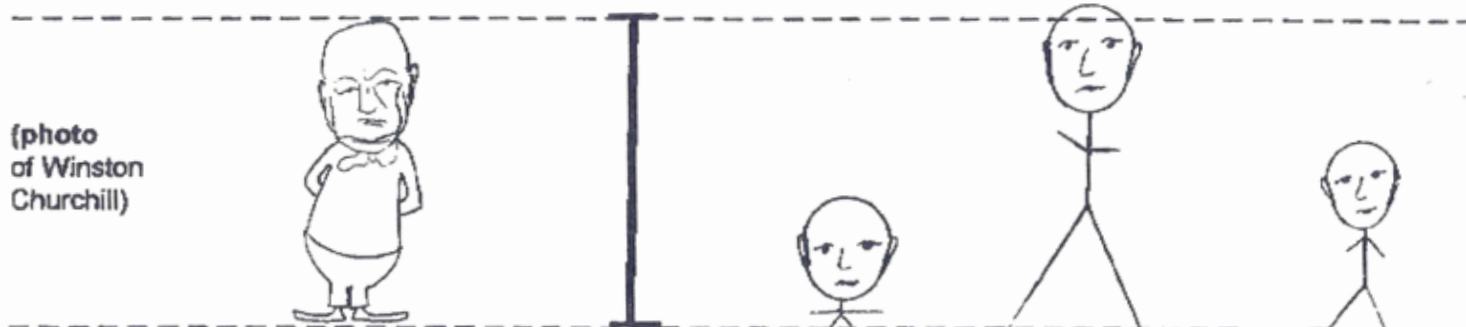
Picture Analogy for Regional Modeling Results

Unknown
Reality

Perfect Model
Lower Detail

Measurement
Overall Size Only

Raw Predictions
Possibilities
A B C



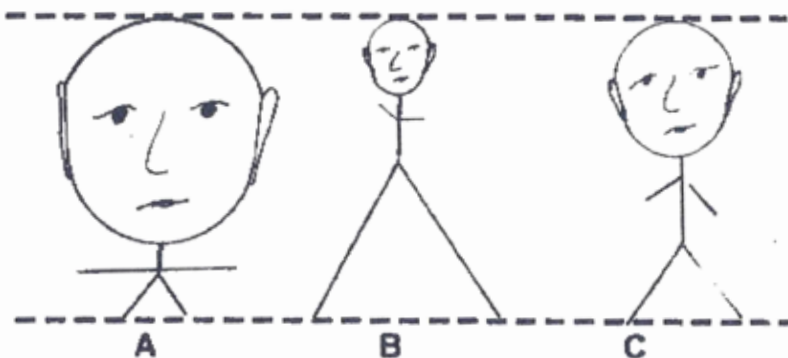
Scaling To Force Overall Size Agreement With Measurements

Head Represents Regional Influence

Body Represents Local Influence

Scaling Links Uncertainty in Local Influence with Regional Influence

Features (eyes, mouth, arms, legs, etc) Represent Sources



Less Uncertainty in Relative Regional Source Influence than in Absolute Source Influence