

① ESTIMATING AT RISK POPULATIONS DIFFERENT SPATIAL & TEMPORAL SCALES

SPEED,
COVERAGE--
BUT ONLY GOES
SO FAR.

MACRO LEVEL

RS



MODELS??

GROUND
TRUTHING

MICRO LEVEL

SENTINEL SURVEYS

ERROR PROPAGATION
FROM INACCURATE DATA.

② VISUALIZATIONS

⇒ DRAMATIC, INSIGHTFUL

WHAT ARE APPROPRIATE GIS SPACES?
(a) INTERACTION SPACES (b) BVG-INTENSITY

⇒ NEED TO MOVE TO MODELS

②

③

MODELS

(1) SPACE-TIME

(2) SCALE

MICRO → MESO → MACRO.

(3) DATA QUALITY

(4) ERROR PROPAGATION

④

POLICY

INTERVENTION MODELS

"WHAT-IF F/CASTING.

(a) SHORT-TERM ONLY SO FAR

(b) LEAD-TIMES REQUIRED.

⑤

SOFTWARE / TRAINING / AVAILABILITY

CLOSE COUPLING OF MODELS / VISUALIZATION

⑥

DEVELOPED VS DEVELOPING
WORLD.