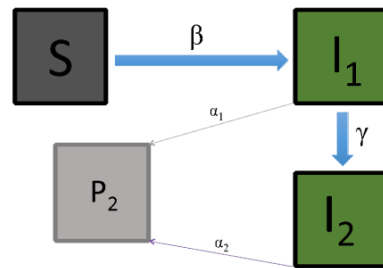


AIM I: Experiments & Data

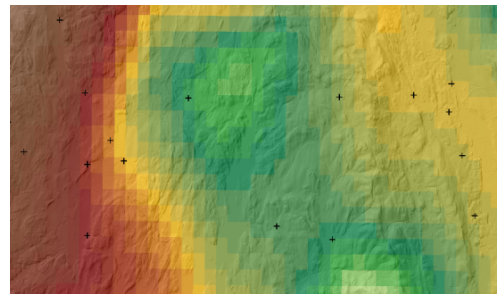


inform

AIM 2: Model development



and Mapping



AIM 3: Test the models



prediction

refinement, calibration, validation