Climate change may have limited effect on global risk of potato late blight

Fig. 6 The change in potato late blight relative risk for the Andean Highlands of Colombia and Ecuador as predicted by SimCaster model using historic climate normal, 1961–1990 (1975 time-slice) and 2040–2069 (2055 time-slice) A2 climate scenario for a susceptible potato genotype. IPCC A2 time-slices are ensemble model averages of three global climate models. Blight units are a predictor of biological risk based on weather and potato genotype resistance.

BU = s(T, RH, k = 150)

Metamodel (GAM*) Daily or Monthly Data

SimCaster Hourly Data

Blight Units

Colombia

Ecuador
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