

TMP SYSTEMS

Climate Risk Model

TMP Systems is constructing a geospatial risk model to show the risk of social disorder caused by climate change. Two things make it different from most climate risk analyses. First, it focuses on what might happen between now and 2035. Second, it primarily focuses on disorder caused by temperature increases and precipitation shifts, not superstorms or sea-level rises.

It anticipates a shift in risk for which many societies are not prepared. In the 2010s, infrastructure, political and financial systems held up reasonably well to the unusual rains, dry spells and heat caused by climate change. In the early 2020s, we think this will change. Not only because those unusual events will become more severe, and frequent. But also because conditions in a number of places are more fragile than people imagined.

We believe that some countries (not only poor ones) will experience major unrest as a result. It is equally likely that others will benefit (not only rich ones). The resulting disorder will not be cataclysmic, but decision-makers across business and government will be asked to manage this transition. How they respond will not only determine the fate of their organizations and countries, but our collective future in the 2030s and beyond.

Making these decisions well requires an understanding (and acceptance) of climate science, but just as importantly, a near-term view of the political, social, economic, demographic and physical realities that countries face. Unfortunately, that view has not been provided by climate experts who, quite understandably, have been focused on longer-term impacts. Our goal is to fill that gap.

Our model will be live starting in Q2 of 2020. For more information, please contact us at climate@tmpsystems.net.