

THE CHALLENGE:

Almost all passengers on a Trans-Atlantic flight were eventually stricken by a mysterious disease. Investigating experts from the Center for Disease Control in Atlanta were stumped as neither the symptoms nor the apparent pathogen were consistent with any known infectious agent.

In contributing to the global effort to investigate this crisis, your task is to evaluate the weather and climate conditions in the major cities of your selected country(ies) during the months of January and July in an attempt to determine the conditions under which the pathogen is viable.

Consider:

Would there be any significant changes in your cities' conditions during El Nino or La Nina periods?

Would your cities be significantly affected by major storms (hurricanes/typhoons)?