

## All three share a need: for accurate weather and climate information

Climate Decision creates actionable weather and climate information for decision makers and end users.

We assemble global data and tools to produce guidance that is:

Timely – delivered with sufficient lead to allow the end user to take action

Targeted – to specific geographic locations

Translated – into actionable information for the end user

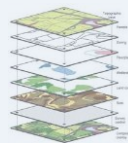
Transferred – delivered through multiple channels.

Our climate assessment supports resiliency in the long term for the city planner; over a season for the farmer; or in real-time for the flood plain manager. Innovation is making new products globally available. Weather and climate analytics support the development of services including crop insurance and real-time warning of weather hazards, such as, urban flooding.

### Provisioning weather and climate analytics for global locations



Acquire and integrate global weather hazard information from multiple sources



Apply meteorological and geospatial analysis to customize information and target worldwide locations



Disseminate products via multiple channels to decisions makers and end users

## We bridge the gap between climate science and actionable guidance.



Dr. Chan is a member of the U.S.-Vietnam Climate Change Working Group. Scientists installing coastal elevation measuring equipment at Can Gio.

Resilient development relies on getting accurate weather and climate information into the hands of stakeholders.

Climate Decision assesses the impact of climate change and extreme weather events on populations and critical assets to:

- Determine risk and exposure.
- Analyze costs and benefits of adaptation strategies including preparedness and mitigation.
- Understand the impact of gender, social and economic conditions.
- Deliver actionable recommendations to decision makers and end users.

We promote knowledge sharing and capacity building through the use of open source, community tools and data. We have experience working with weather bureaus, water management and agricultural services, and energy utilities.

### Climate Decision Team

**Dr. Paul Chan** (CEO and Chief Scientist); PhD, Climatology (Univ. of Missouri), MBA (Wharton); served as the Director of NASA's Goddard Earth Science Data Center and CIO for the National Weather Service (NWS); as COO for IMSG, Inc., he managed a \$45 million business portfolio that included weather/climate modeling, coastal zone management and satellite remote sensing.

- Member of the U.S.-Vietnam Climate Change Working Group
- Advised Vietnam's Hydro-Meteorological Service on its modernization
- Led a feasibility study for modernizing Ghana's weather and aviation weather services
- Advised the Liberian Environmental Protection Agency on environmental solutions
- Analyzed the vulnerability of the U.S. agricultural system
- Member of the State of Maryland Climate Change Commission Working Group

**Peter Kokopeli** (CIO). Recently held position as Senior Advisor, Environmental Protection Agency, Clean Air Markets Division; led development of environmental and meteorological analytics supporting clean air and climate regulations.

**Team members** include hydrologists, hydraulics modelers, coastal oceanographers, and geographic information system experts with backgrounds in public, utility and private sectors.

### Partners

