

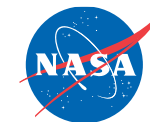
Earth Observations & Risk Financing – a NASA perspective

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5.23.22



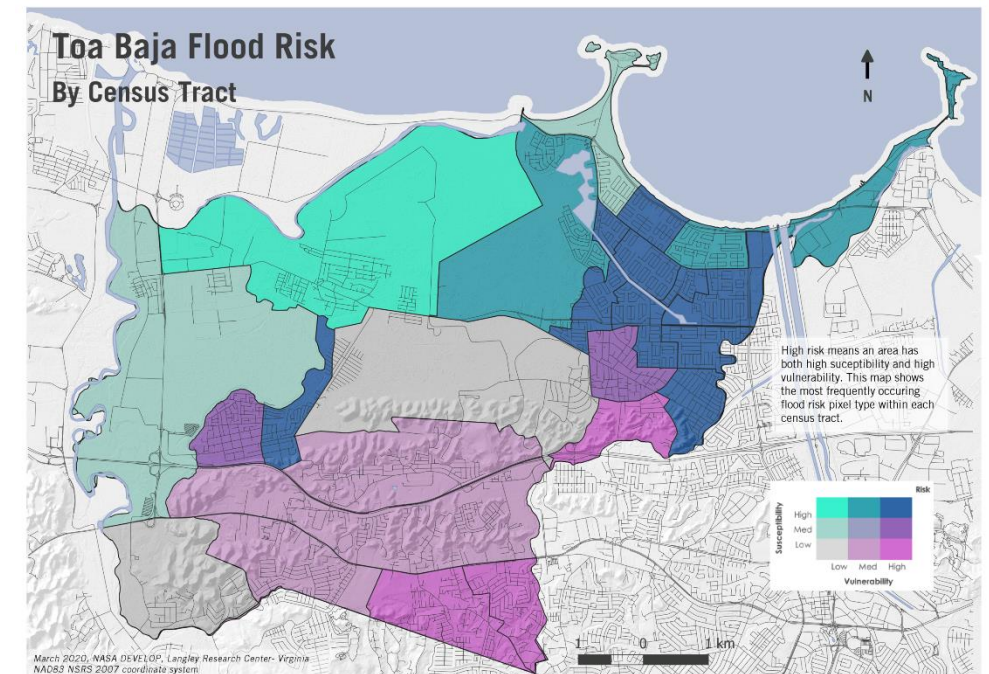
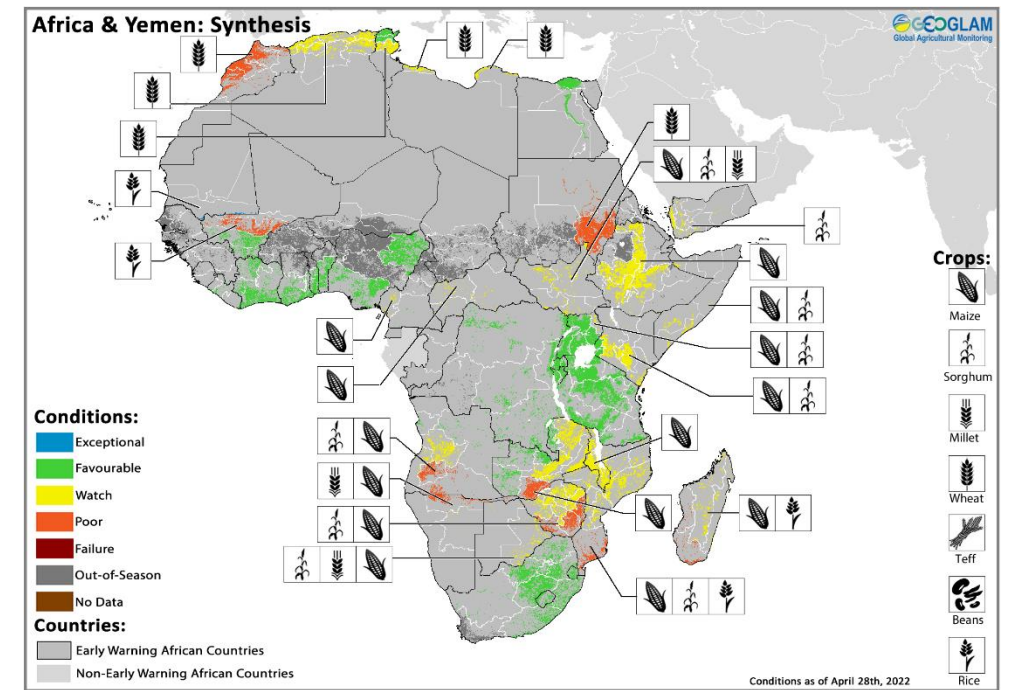
DISASTERS



EARTH SCIENCE
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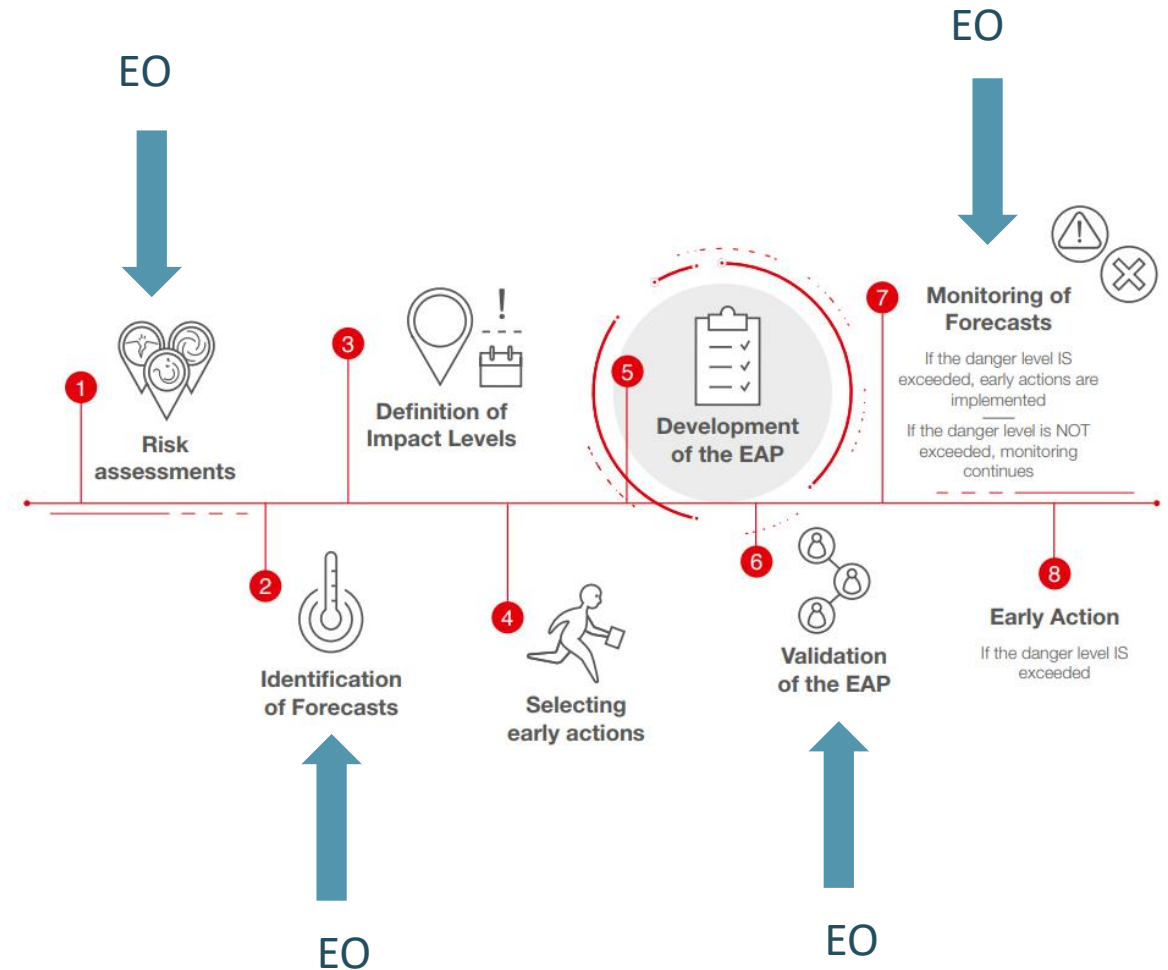
Risk Financing Across Sectors

- **Data analytics and applications** – accessible meteorological, climatological, and geophysical data and weather forecasts, and comprehensive data on hazards, exposure, vulnerability, damage and loss contributing to effective disaster risk financing instruments
- **Knowledge management** – technical risk management capacity for integrating data and products into plans, policies, and decisions, open science initiatives focused on availability and access
- **Global Partnerships** – working across domestic and international organizations and agencies across multiple levels of risk management



New Opportunities for EO in Anticipatory Action

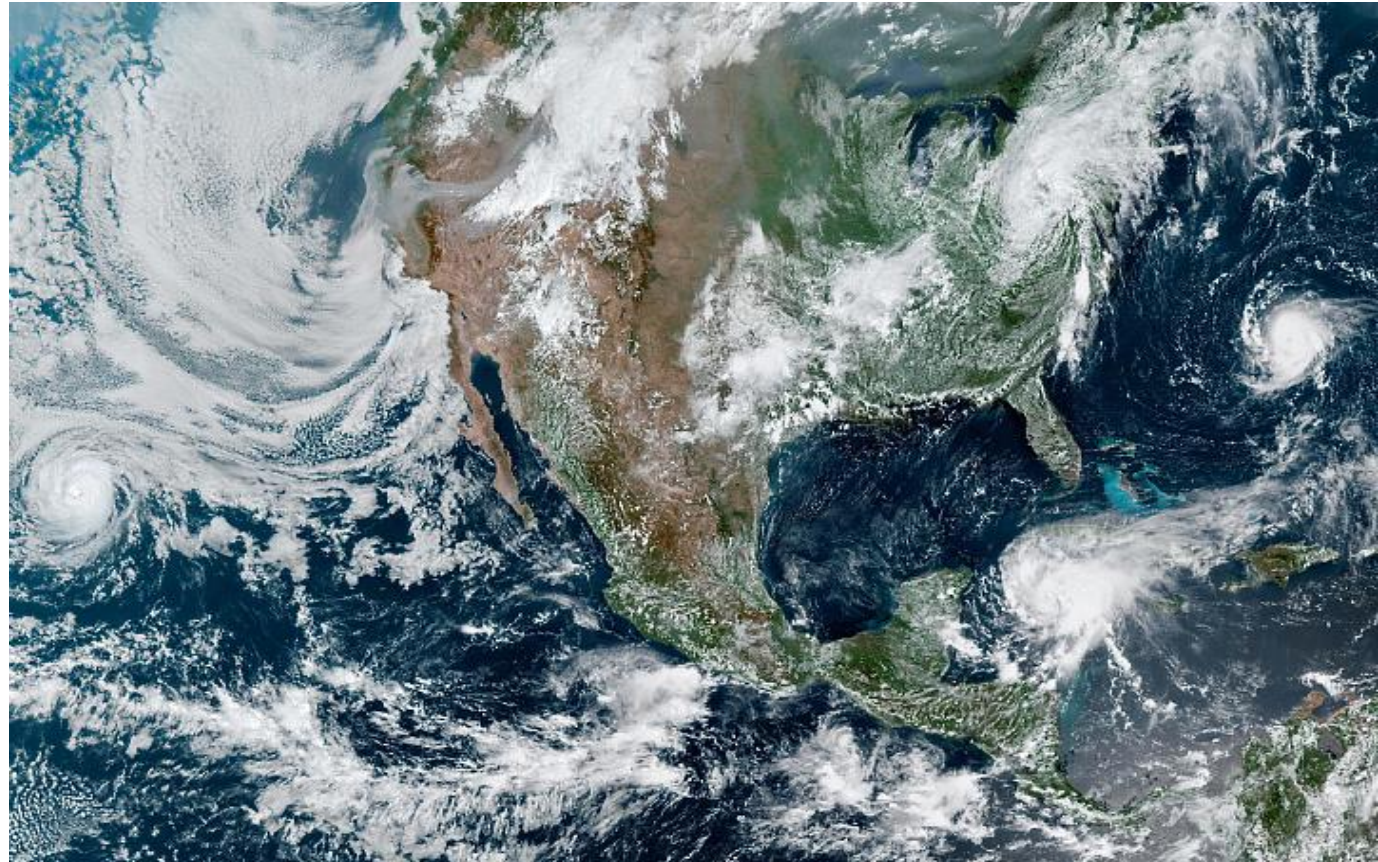
- **Assessing Risk** – addressing historical risk and developing predictive analytics to understand changing risk profiles over time to improve risk financing and management
- **Development of capabilities to improve forecasting and understanding of impact** – expand the hazard dimensions of anticipatory action and build risk managers capacity to use Earth observations for reducing risk
- **Measuring and Evaluation of programming** – using Earth observations to measure the effectiveness of risk programming over time to improve future triggers and thresholds for action



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Thank You.

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