



Notice of Funding Opportunity

Earth System Science and Modeling Research in support of the Disaster Relief Supplemental Act

NOAA's Climate Program Office (CPO) Earth System Science and Modeling (ESSM) Division programs advance our understanding of the Earth's climate system and foster the application and use of this knowledge to improve the resilience of our Nation and its partners. CPO/ESSM is seeking applications for two individual competitions in FY23. These competitions solicit projects in response to the [Disaster Relief Supplemental Appropriations Act \(DRSA\)](#), that align with the goals of NOAA's [Precipitation Prediction Grand Challenge Strategy 2020-2030 \(PPGC\)](#). NOAA's PPGC initiative is aimed at providing more accurate, reliable, and timely precipitation forecasts across timescales from weather to subseasonal-to-seasonal (S2S) to seasonal-to-decadal (S2D) through the development and application of a fully coupled Earth system prediction model.

[See the NOFO Announcement »](#)

[Visit the CPO Funding Website »](#)

Award Size and Duration

- **Climate Observations and Monitoring (COM) Program: *Research to Improve Precipitation Analysis Datasets*** - It is anticipated that there will be a total of \$0.5M available to fund new projects. It is anticipated that awards will be at a funding level of \$125K to \$250K per year for one or two years. Funding of 1 or 2 projects is anticipated.
- **Climate Variability & Predictability (CVP) Program: *Identify and understand key land-atmosphere processes that influence coupled-model precipitation biases in the continental United States*** - It is anticipated that there will be a total of \$1.8M available in FY23 to fund new projects. It is anticipated that most awards will be at a funding level between \$150K and \$225K per year for 2 years. Funding of approximately 4 projects is anticipated. Projects will start in FY23.

Important Dates

- **Letters of intent (LOIs)** for all competitions should be received by email by 5:00 p.m. Eastern Time on October 31, 2022.
- **Full applications** for all competitions must be received by 5:00 p.m. Eastern Time on January 26, 2023.