



**IRAP**  
International Research  
and Applications

# Second Webinar on the FY 2018 Federal Funding Opportunity for the International Research and Applications Project (IRAP)

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# IRAP: Objectives

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- **Apply methodologies and approaches utilized in NOAA's Climate and Societal Interactions (CSI) Programs to areas outside of the US** in support of scientific, technical and decision making interests and international partnerships
- Generate **tools, knowledge and institutional networks** for more informed decision making (*looking for the integration of science and decision making*)
- Co-production of knowledge and information through **partnerships (across institutional, disciplinary and national boundaries)**
- Enhance the return on investments in physical science research and services through **the integration of social science**
- Address **climate across multiple time scales**, including sub-seasonal to seasonal and beyond
- Provide opportunities for **innovation around specific scientific or socio-economic challenges** that can then be considered and extended to other issues and/or regions, or can help shape other research and service agendas relevant to NOAA's mission, as well as our those of partners
- Provide **insight and knowledge about climate impacts and the use of this information in planning and preparation** to inform decision making related to national interests within and outside of the US, including partnerships with other countries and international organizations



# IRAP FY 18 Funding Priorities: Decision Support Research on Climate-Sensitive Health Risks

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- In FY 18, IRAP will apply the CSI interdisciplinary research approach to enhancing risk management in the health sector through the use of climate knowledge and information on timescales of subseasonal to seasonal, and beyond as appropriate
- Health risks could include:
  - temperature related mortality and illness
  - Infectious and vector borne diseases
  - Flooding due to extreme events such as hurricanes
  - Air quality impacts
  - Water and food-borne illnesses
  - Nutrition
  - Food and water distribution
- Two priorities in the FY 18 IRAP FFO:
  - 1) Research and Applications on Climate-Sensitive Health Risks in **Transboundary Regions** of the US, in partnership with the NOAA RISA Program
  - 2) Developing and Using **Subseasonal and Seasonal Global Health Risk Maps, Prediction Tools and Information** to Anticipate and Manage Climate-Sensitive Health Risk



# IRAP Focus 1 – Decision Support Research and Applications in Transboundary Regions of US, in Partnership with NOAA/RISA

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- Understanding, predicting and preventing climate-sensitive health risks in the context of the **socio-economic well-being and stability of communities and institutions that intersect with countries** in one or more of these 5 transboundary regions:
  - Mexico and Central America
  - Caribbean
  - Pacific Islands
  - Arctic
  - Canada



# IRAP Focus 1- Partnerships

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- The IRAP FY 18 competition is seeking proposals that connect to and expand the capacity of the NOAA/CSI RISA networks – **each proposal must have at least one Co-PI from an existing RISA team- the RISA participant does not have to be an actual PI on a RISA- they can be a team member but they have to provide a meaningful connection between the IRAP and RISA projects.**
- Proposals should feature collaboration among scientists from multiple disciplines, decision makers and other stakeholders (including state, local, Federal agencies, private/NGO)
- **Applicants are encouraged to connect to the network of NOAA research and services (e.g., NWS, NOS, OAR, NESIDS, NMFS) and integrated information systems such as NIHHIS pilots or partners and the CDC Climate Ready States and Cities grantees.**
- Proposals should include public health and related state and local decision makers

## IRAP Focus 2 – Developing and Using Subseasonal and Seasonal Global Health Risk Maps, Prediction Tools, and Information to Anticipate and Manage Climate-Sensitive Health Risks

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- Build on existing activities and **develop both the technical and institutional capacity to produce and use** a global health risk map on time scales of weeks to months
- Envisioned as a collaborative pilot project to identify information needs and institutional pathways needed to assess and predict climate-sensitive health risks around the globe that are likely to affect U.S. interests at home and abroad – **activities should build on existing global hazard risk and mapping efforts and include partnerships responsible for making actual decisions**
- Proposals should **demonstrate and advance concepts, techniques and network capacities** for developing and using global health risk maps and associated tools (e.g., decision support calendars, monthly health outlooks)
- Proposals are encouraged to include relevant institutional representatives relevant to the scope of the challenge (e.g., Dept of Defense, NOAA, US Dept of State, USAID, HHS, states, private sector)



# Anticipated Funding Levels for IRAP FY 18

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- \$1.5 M total for FY 18, *pending budget appropriations and the availability of funds*
  - (\$1.2 M) Focus 1, Transboundary - up to \$350K per year, for a period of 1-2 years
  - (\$300K) Focus 2, Global health risk maps - \$150-300K per year for a period of 1-2 years
- As of today, we are under a CR until March 23.



# Proposal Process

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- LOIs
  - Completed responses on 2/1/18
  - 3 Responses sent out: Encourage; Discourage; Encourage with modifications
  - Final decision to apply is investigator's
- Proposals - due 5:00pm ET March 16, 2018
  - Grants.gov or hand deliver ONLY – no email or fax
  - Please submit several days ahead of time in case there are glitches
  - Feds should reach out to Lisa directly (remember we cannot cover salaries)
  - Make sure you have a **DUNS number, a SAM identifier and a GrantsOnline account – start early if you do not have these items set up!**
  - Start date for proposals should be September 1, 2018





# IRAP Proposal Page Limits

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IRAP Proposals are limited to **35 pages**, single spaced, using 12-point font type with one-inch margins on standard 8.5 by 11 inch paper. Overall page limits include:

- Title page (1 page)
- Abstract (1 page)
- Results from prior research (2 pages)
- Project Narrative (Statement of Work) (20 pages, not including figures/references)
- Budget narrative and subcontracts
- Budget table
- Vitae
- Current and pending support
- Associated figures, tables, and other visual materials
- References
- Diversity and Inclusion section



# IRAP Proposal Page Limits (con't)

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- These items do not count against page totals (please read all instructions in the FFO carefully):
  - The full proposal, NEPA statement and Indirect Cost Rate Agreement (IDCRA) should be put into one electronic file (these DO NOT count against page totals)
  - The Federal Budget Forms (SF424, SF424A, SF424B, CD511), and other mandated forms should be inserted in separate files and are not included in the page count.
  - Appendices (e.g. Letters of Support, Data management and sharing plans) do not count against page totals



# Proposal Review

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- Panel 1
  - technical/scientific merit (42%)
  - overall qualifications of applicants (12%)
  - project costs (6%)
  - Only proposals that rate a 3 or higher in Panel 1 will move onto Relevance Panel
  
- Relevance Panel
  - Importance/Relevance and Applicability of Application to the Program Goals (40%)
  
- Reviewers will be composed of Federal and non-Federal experts from the research and decision making communities
  
- 6-7 month process; final decisions in Spring/Summer 2018 and will depend on the final FY 2018 appropriation for NOAA by Congress and the final allocation of funds to CPO by NOAA



# LOI and Proposal Due Dates

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The LOI stage of the process has been completed – all LOIs were reviewed and received responses by the beginning of February.

- Full Proposals are due 5pm ET, March 16, 2018 via <http://www.grants.gov>. Faxed or email copies cannot be accepted!
  - Refer to pages 11-25 of the FFO for details
- Make sure all of your accounts (Grants.gov, System for Award Management, DUNS) are up to date well in advance of the submission deadline.
  - Refer to pages 15-17 of FFO

Download and read thoroughly:

1. Full FFO – updated 1/16/18  
(<http://cpo.noaa.gov/Portals/0/Grants/2018/NOAA-OAR-CPO-2018-2005445.pdf>)
2. IRAP information sheet  
(<http://cpo.noaa.gov/Portals/0/Grants/2018/IRAP-INFORMATION-SHEET-FY2018.pdf>)
3. Contact Lisa Vaughan for additional information ([Lisa.Vaughan@noaa.gov](mailto:Lisa.Vaughan@noaa.gov))
4. Questions?



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Extra Slides



# IRAP Focus 1 – Potential topics

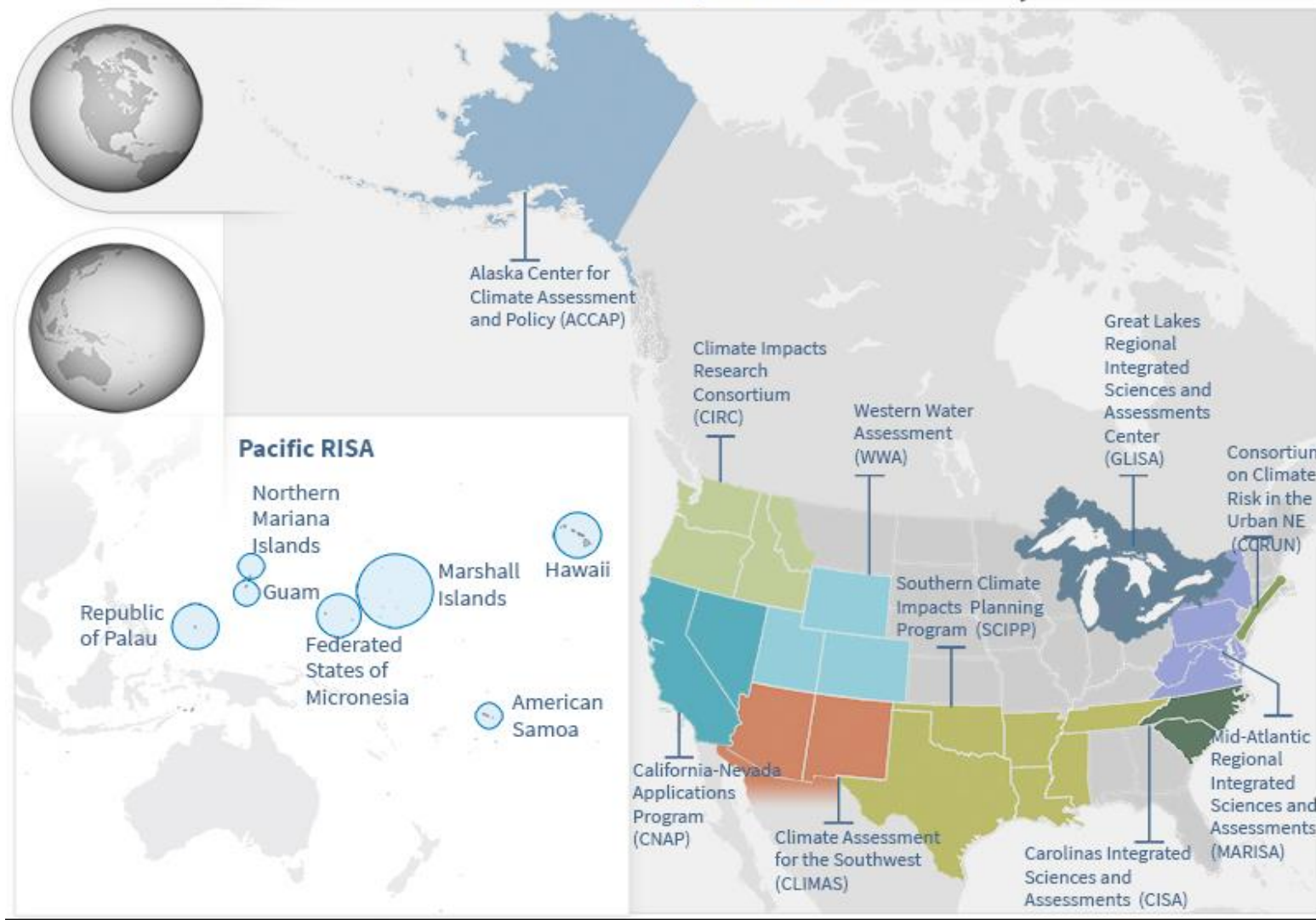
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- Proposals are encouraged to address one or more of the following broad topics:
  - Increased **understanding of the impacts** of subseasonal to seasonal climate, and stimulation of the development and use of related products and knowledge
  - Identification of **casual linkages, and solutions** for reducing risk through use of climate info
  - Demonstration of the **role of innovation in coordinating climate and weather services across borders** through contributions to early warning systems or transboundary resource management approaches
  - Inspiration of the **production of information that could be used in planning and preparation** designed to anticipate, mitigate and prevent health threats (e.g., disease outbreaks, mortality and morbidity)
  - Identification, elucidation and testing of the **institutional pathways and partnerships to effectively use predictive information** and enhance resilience at multiple time scales



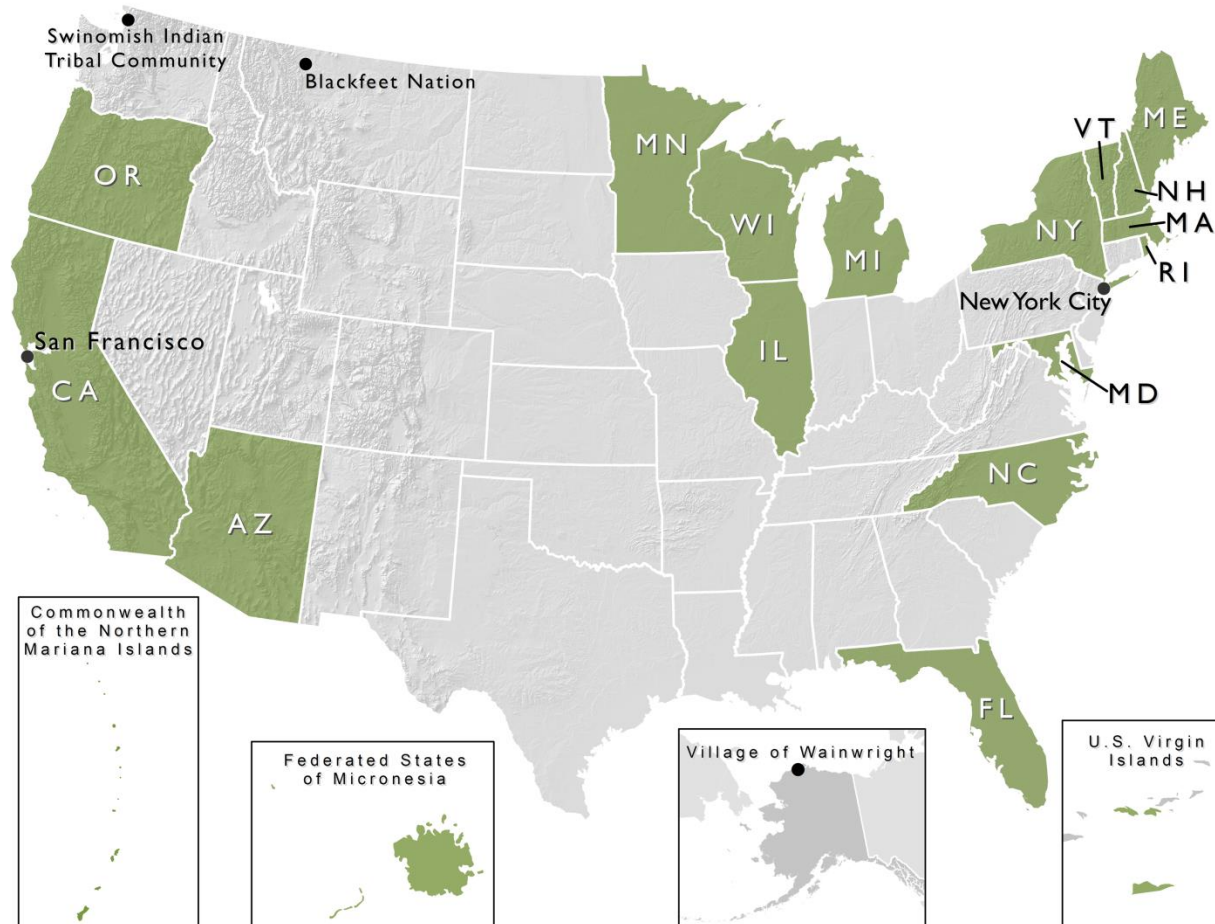
# RISA Teams and Regions

View large version  Currently Funded RISAs





# Centers for Disease Control and Prevention: Climate-Ready States & Cities Initiative Grantees



[https://www.cdc.gov/climateandhealth/crsci\\_grantees.htm](https://www.cdc.gov/climateandhealth/crsci_grantees.htm)