

# **Funding Secured to Address Erosion, Flooding, and Permafrost Degradation Since April 2018**

Chefornak Interagency Meeting  
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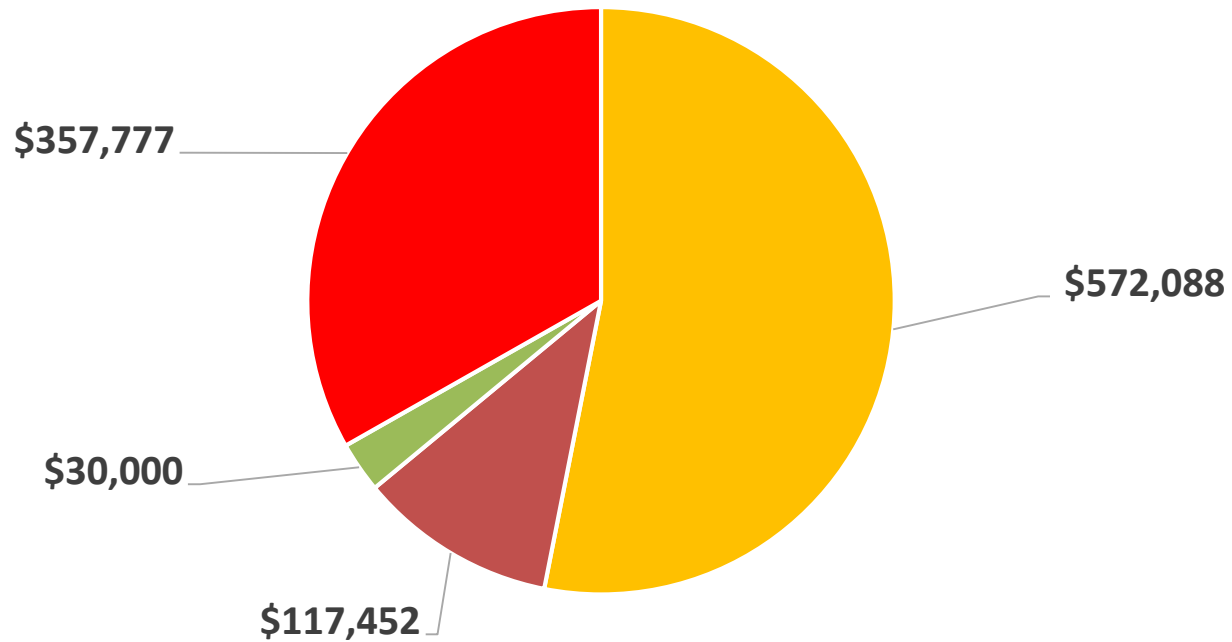


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- **\$1,077,317 awarded across nine grants since April 2018**
- **Eight other declined and pending projects**



## Awards by Agency



- Housing and Urban Development (HUD)
- Denali Commission
- Federal Emergency Management Agency (FEMA)
- Bureau of Indian Affairs (BIA)



# HUD

- \$450,000 ICDBG Imminent Threat
  - barge landing repair
- \$122,088 CDBG
  - Design for replacement Head Start school building



# BIA

- \$131,586 FY18 Tribal Resilience
  - environmental risk assessment
- \$50,000 Erosion/Climate Response
  - Structural engineering assessment of threatened homes to determine relocation feasibility
- \$146,721 FY19 Tribal Resilience
  - Geotechnical investigation and permafrost monitoring



# BIA continued

- \$14,910 FY19 Tribal Resilience
  - Travel to interagency and partner meetings



# Denali Commission

- \$117,452 Village Infrastructure Protection
  - Subdivision site identification, layout, platting, threatened structure relocation plan



# FEMA

- ~\$30,000 Pre-Disaster Mitigation via State of Alaska Division of Homeland Security and Emergency Management
  - Multi-Jurisdictional Hazard Mitigation Plan





# Part 2: Challenges



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# Observed barriers to accessing funding

1. Most programs are not designed to address this **problem** (e.g. moving rural infrastructure and building new infrastructure in response to environmental hazards)
2. Match funding requirements can disadvantage small, rural communities (e.g. USACE)
3. Applying to some programs requires expertise and can be expensive (e.g. FEMA)
4. Most research funding neither supports community priorities nor community-specific information gaps (e.g. NSF)
5. Can require a full-time team



# Current challenges with FEMA Hazard Mitigation Assistance Programs

- Chefornek Traditional Council is currently ineligible to apply to FEMA programs. Addressing this may take almost two years with traditional methods.
- FEMA programs do not support developing a new, safe site (e.g. roads, utilities)
- Programs seem to disadvantage small rural communities
  - Complex tangle of requirements and limitations
  - Match requirement can be prohibitively high
  - Very expensive to meet some requirements
  - It could take 120+ hours to develop an application



**See the handout for more information about  
challenges and potential solutions**



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