

NOAA/NWS TSUNAMI ACTIVITIES GRANTS -- ALLOWABLE GRANT ACTIVITIES

Item #	Change?	SubC	Activity	Comments	Further details, explanation	Alignment with NTHMP Strategic Plan
PRIORITY FUNDING ACTIVITIES FOR INDIVIDUAL APPLICANTS						
2	no change	ALL	Travel to attend and participate in NTHMP meetings for Coordinating Committee members	Travel funding for CC members to attend NTHMP meetings (annual and winter subcommittee mtgs.)	Must comply with state/territory travel rules. Applies only to NTHMP meetings held between September 1, 2020 and August 31, 2021.	N/A
28	no change	ALL	Hosting costs for NTHMP meetings	Costs for meeting space, AV equipment, and allowable hosting costs (snacks.)		N/A
29	no change	ALL	Produce NTHMP newsletter and report archive	Done by a partner on behalf of NTHMP		N/A
REGULAR ALLOWABLE ACTIVITIES BY INDIVIDUAL APPLICANTS						
3	no change	ALL	Travel to attend and participate in major biannual NTHMP meetings (for non-CC members)	Travel funding on grants to NTHMP meetings for any others than Coordinating Committee members.	Must comply with state/territory travel rules. Applies only to NTHMP meetings held during the grant's period of performance.	Goal 2.4: Stakeholder are engaged
5	no change from FY19	ALL	Registration fees and travel for one person from AS, CNMI, Guam, and Hawaii to attend PRiMO Conference.	This is a Pacific Islands-oriented conference and is not applicable for other U.S. states or territories.	Applies only if PRiMO Conference scheduled during the grant's period of performance.	Goal 2.4: Stakeholder are engaged
6	Added PTWC	ALL	Travel for one person to attend "Tsunami Training" at the National Tsunami Warning Center, Palmer, Alaska, or at Pacific Tsunami Warning Center in Honolulu (by designated service area).	Travel for one person to either Palmer, Alaska, or Honolulu, Hawaii for training, if offered. Additional participants may attend if they can fund travel from another source of funding and if space is available.	This applies to NTWC-serviced partner states: AK, CA, OR, WA, Gulf Coast, East Coast. Applies if this training is offered during the grant's period of performance. PTWC may offer this training, and if they do, it applies to: AS, CNMI, GU, PR, and USVI.	Goal 2.4: Stakeholder are engaged
7	no change	MES	TsunamiReady® support -- site visits	Travel for site visits for TsunamiReady support and evaluations (training, mentoring, signage placement, and TsunamiReady Supporter recruitment etc.)	Limit: grant-funded travel to one person per site visit. (Multiple site visits permitted). Carpooling is encouraged; air or rail travel by more than one person per site is not permitted.	Goal 2.2: Establish new and maintain existing TsunamiReady® communities and TsunamiReady® Supporter sites. Strategy 3.2: Increase number of recognized TsunamiReady® Tier II communities.
8	no change	MMS	Travel support for one NTHMP MMS science representative to attend one Powell Center tsunami source workshop.	Limited to states identified by Powell Center Work Group led by Stephanie Ross.	Travel for one representative from identified states/territories, and grant-funded P.I.s. If grant-funded P.I.s are from the same states as included in the target workshop attendees, they will serve also as that state's representative. (That is, you can't have travel for two people from the same state.)	Strategy 1.1.1: Identify and address gaps in tsunami source characterization and modeling to improve hazard maps and products.
10	no change	MMS	Update of existing products or development of new products based on existing sources.	Includes identifying and locating the sources; determining a realistic magnitude, epicenter, source size (length and width), displacement/"slip," and other factors of fault/landslide geometry. For probabilistic work, it would also include the recurrence period for various size events on a particular source. May include acquisition of existing paleotsunami deposit data.	Maximum allowable cost on grant is \$75,000 (including applicable indirect costs). Full cost breakdown is required.	Strategy 1.1.1: Identify and address gaps in tsunami source characterization and modeling to improve hazard maps and products.
11	no change	MMS	Standard DEM/Grid generation developed by NOAA/NCEI for priorities beyond those established by the MMS, and DEM verification.	May be requested by NTHMP partners if they can demonstrate a link to evacuation map improvements. Applies only to DEMs developed by NOAA/NCEI. Development of DEMs by any other entity is not permitted for application of grant funds.	Would be handled by IntraNOAA transfer from NOAA/NWS grant pool -- NWS to NCEI.	Strategy 1.1.2: Work to complete inundation and evacuation maps for all unmapped U.S. coastal communities.

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12	no change from FY19	MMS	Undertake tsunami hazard assessments for product updates and development for preparedness response, mitigation, and recovery applications that will provide a direct link to informing emergency manager and public officials.	The range of possible tsunami assessments include: 1) developing tsunami inundation/evacuation maps; 2) undertaking related evacuation route modeling; 3) maritime tsunami hazard assessments; 4) tsunami current estimation in harbors.	Assessments must demonstrate a direct link to mapping of inundation zones and evacuation areas and must be backed up with a request from an emergency manager who serves or supports the geographic areas being assessed. A direct link to informing emergency managers and public officials as well as a demonstration of how an assessment will enhance public safety directly is required. Probabilistic tsunami hazard assessments that may be used to help refine and guide tsunami risk and ultimately mitigation applications may be included as long as the required EM backup is provided.	Goal 1.1: Tsunami hazard assessment that supports informed decision making for tsunami threatened communities. Strategy 1.1.2: Work to complete inundation and evacuation maps for all unmapped U.S. coastal communities. Strategy 1.1.3: Identify and address the tsunami hazard assessment and product requirements of maritime communities and other NTHMP customers/partners. Goal 3.2: Develop and facilitate use of NTHMP mitigation and recovery guidelines. Strategy 3.2.1: Implement guidelines and model practices for mitigation and recovery at a state and local level.
14	social media ad buy maximum \$5,000	MES	Conduct outreach activities to improve community tsunami related planning, mitigation, education, training, warning and evacuation and to foster the development of tsunami resilient and TsunamiReady communities.	Includes travel to conduct outreach as well as development of outreach materials; kiosks; posters; advertisements (print, radio, and social media); printed materials. If requesting funds to support social media ads, provide cost estimation calculations and breakdown. Limit overall \$5,000 for social media ad buys per grant.	Development and maintenance of general information-providing website(s) serving a department or agency may not be supported with NOAA/NWS Tsunami Grant funds. This restriction does not apply to electronic tsunami-related documents libraries or repositories. Since priority for funding is given to TsunamiReady Communities that will be newly recognized, renewed, or have been recognized for investments in kiosks and outreach materials, communities where these investments are to be made should be identified.	Strategy 2.1.1: Engage public schools and institutions of higher learning for tsunami preparedness. Strategy 2.1.2: Develop, update and disseminate outreach materials and ensure consistency among the partner-run tsunami educational programs. Strategy 2.1.3: Conduct educational outreach events and campaigns. Strategy 3.2: Increase number of recognized TsunamiReady® Tier II communities.
15	no change	MES	Develop technical and risk education training, exercises, workshops and public education programs designed to enhance the understanding of the concept of tsunami risk management in local communities and organizations.	May include travel, development and production of materials, delivery of training, and staff time to conduct exercises. May also include travel for selected people to attend centralized location for workshop, training, or an exercise. Also includes venue rental fees and associated costs if free venue is not available.	May not include food, snacks, beverages, t-shirts, hats, bags, flashlights, or other give-aways.	Strategy 1.2.1: Provide technical assistance for risk assessments. Strategy 2.1.1: Engage public schools and institutions of higher learning for tsunami preparedness. Strategy 2.1.3: Conduct educational outreach events and campaigns. Goal 2.3: Conduct exercises that include tsunami in the range of hazards tested.
16	no change from FY19	MMS	Development of inundation and evacuation products such as maps and on-line tools that incorporate critical infrastructure and socioeconomic vulnerability where available.	May include: collection of data on community critical infrastructure and socioeconomic issues to inform vulnerability or risk analyses; travel and practical application of data management tools; production of evacuation maps; online tools for tsunami planning; pedestrian evacuation analysis on-line tsunami clearinghouse. Not permitted: development of multihazard websites, multihazard web data repositories, mobile apps, or similar.	Includes assessing the locations of critical facilities and numbers of people (including specific population groups such as children and people >age 65) in the tsunami inundation zone. Economic/population exposure analyses may utilize HAZUS. This does not include socioeconomic or other areas of specific research, but should indicate leveraging the work of others. Support for mobile apps not permitted due to long-term requirement for ongoing support and maintenance costs, as well as Department of Commerce restrictions on using Federal funds to support activities that may compete with private industry.	Strategy 1.1.2: Work to complete inundation and evacuation maps for all unmapped U.S. coastal communities. Strategy 1.2.1: Provide technical assistance for risk assessments. Strategy 1.2.2: Develop and implement a strategy for using HAZUS and product guidance. 16, 17
16b	Limit NTE \$200 for one license	MMS	Single Workstation License for GIS software (such as ARCGIS) not to exceed \$200 total per grant.	Funds for one annual single workstation license for GIS may be requested as long as the GIS tool will be used for tsunami mapping ONLY. Enterprise license or cost-share for a government's license is not allowed.	If GIS license may be used for multiple hazards, then only 50% of the annual license fee may be requested from NOAA tsunami grant funds. The other share must be paid from another source of funding.	Strategy 1.1.2: Work to complete inundation and evacuation maps for all unmapped U.S. coastal communities.
17	no change	MES	Provide guidance and technical support for the siting and conceptual design of vertical evacuation structures where models indicate limited or no ability for timely evacuation and protection of life.	May include travel to selected communities to conduct meetings or engagement; production of information products; development of guidance OTHER THAN zoning or permitting, or any regulatory activity.		Strategy 1.2.1: Provide technical assistance for risk assessments. Strategy 3.1: Develop guidelines and model practices for mitigation and recovery for communities and critical infrastructure and encourage NTHMP partners/customers to use it. Strategy 3.2: Increase number of recognized TsunamiReady® Tier II communities.

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18	no change	MMS	Incorporating results of evacuation route planning into products such as outreach materials and tsunami maps.	Activities used for multi-hazard applications will only be supported for the proportion that is directly related to tsunami, not other hazards. Applicants will have to provide the math.	Cost-leveraging from other funding sources required for non-tsunami work.	Strategy 1.1.2: Work to complete inundation and evacuation maps for all unmapped U.S. coastal communities.
19	no change	MES	Activities and technical support to promote preparedness in at-risk ports, harbors and waterways.	May include travel; cost-effective gathering of data; modeling; production of maps or similar products to inform decision-makers.		Strategy 1.1.2: Work to complete inundation and evacuation maps for all unmapped U.S. coastal communities.
20	no change from FY19	WCS	Support infrastructure and related technology for effective tsunami warning notification. (Sirens, NOAA Weather Radios, EMWIN, Signage).	Activities used for multi-hazard applications should provide cost leveraging (50% or better) for most favorable consideration of a grant request. Requests without cost leveraging will be ranked lowest in funding priority.	This is about public alert and warning notification systems only. Limit for siren-related funding to \$250,000 per entity (including applicable salaries for oversight, as well as equipment, supplies, contractual services, and indirect costs if permitted by NICRA for the associated object class for siren-related costs).	Strategy 4.2.2: Improve local warning dissemination capabilities to people at risk. Strategy 4.2.3: Improve community warning point reception capabilities.
24	no change	MMS	Computer hardware for tsunami modeling (see disallowed equipment in No18 below).	A limited request for hardware, such as memory or nodes required to support tsunami modeling, may be allowed and considered on a case-by-case basis.	If used for one or more hazards than tsunami, cost must be leveraged with 50% from other resources. No cost leverage required if tsunami only. Limit: \$4,999 per request (to keep it under capital equipment depreciation and reporting threshold). Cost in excess of \$4,999 must be covered from other resources.	Goal 1.1: Tsunami hazard assessment that supports informed decision making for tsunami threatened communities.
26	no change from FY19	WCS	Webcam connectivity of systems for tsunami activity observation. Webcams themselves not allowed.	Can be used for validating tsunami inundation, currents, debris movement and damage effects.	Does not include purchase or lease of camera equipment. Limit: \$20,000 including applicable indirect costs.	No applicable strategy
ACTIVITIES THAT A SUBCOMMITTEE CAN REQUEST A PARTNER TO DO						
13	no change	MMS	Tsunami Hazard Assessments for sediment transport effects on sandy beaches and dunes (dynamic erosion from tsunami) and in harbors.	Can be requested if an NTHMP Subcommittee requests it and an NTHMP partner agrees to do it to serve NTHMP priorities.	May be a workshop (travel), pilot study, and production of Guidelines and/or a report for the NTHMP. (Academic journal articles permissible, but submission fees may not be paid with grant funds.)	Goal 1.1: Tsunami hazard assessment that supports informed decision-making Strategy 1.1.3: Identify and address the tsunami hazard assessment and product requirements
21	no change	MES	Develop guidelines to improve community tsunami related planning, education, training, exercises, warning and evacuation products and tools and foster the development of tsunami resilient communities.	Can be requested if an NTHMP Subcommittee requests it and an NTHMP partner agrees to do it to serve NTHMP priorities.		Goal 2.3: Conduct exercises that include tsunami scenarios Strategy 3.1.1: Develop guidelines and model practices for mitigation and recovery for communities and critical infrastructure Strategy 3.2.1: Implement guidelines and model practices for mitigation and recovery Strategy 4.2.1: Encourage authorities to receive and respond to Tsunami Warning Center products Goal 4.3: Ensure effective tsunami response
22	no change	MES, WCS	Conduct social science research to develop and assess the effectiveness of education, outreach, community warning and evacuation programs and materials.	Can be requested if an NTHMP Subcommittee requests it and an NTHMP partner agrees to do it to serve NTHMP priorities.		Strategy 2.1.4: Conduct and incorporate social science evaluation of tsunami education outreach effectiveness Goal 2.4: Engage stakeholders to increase safety through proven and supported products and strategies
23	no change from FY19	MMS	Create or analyze existing pilot projects and/or hold workshops to help develop and update guidelines for tsunami inundation models and maps that address preparedness, response, mitigation, and recovery planning.	Can be requested if an NTHMP Subcommittee requests it and an NTHMP partner agrees to do to serve NTHMP priorities. May include, but not limited to: Modeling of tsunamis in a built environment, dynamic erosion of dunes through tsunami sediment transport modeling, tsunami sediment transport effects in ports and harbors, meteo tsunamis.	May be a workshop (travel), pilot study, and production of Guidelines and/or a report for the NTHMP. May not provide support for research or travel for any employee of the Federal Government. (Academic journal articles permissible, but submission fees are not fundable by grants.)	Strategy 1.1.1: Identify and address gaps in tsunami source characterization and modeling
DISALLOWED ACTIVITIES						
No1	no change		Construction	These are non-construction grants. Costs for construction of buildings, berms, towers, or anything similar is prohibited.	Applies to vertical evacuation structures, ASCE-7 building changes, and related costs.	

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No2	no change		Real estate	Purchase, acquisition, legal and/or agent fees for real estate transactions prohibited.	Includes real estate (property) as well as leased space (office space or buildings.)	
No3	no change		Vehicles or vehicle maintenance	Purchase or lease of new or used vehicles is prohibited. Costs to maintain vehicles is expected to be covered by the vehicle owner.	This does not apply to short-term vehicle rentals if no other option for ground transportation is available or cost-effective.	
No4	no change		Legal fees	Costs for attorney or legal fees are prohibited.	If legal advice is needed, the applicant's legal advisors should provide this service without charge to grant funds.	
No4a	no change		Insurance	Costs for separate site facility insurance and liability policies are prohibited. Insurance included on a rental contract for a venue or vehicle is allowable.	Worker's compensation insurance is allowed if included in an agency's fringe benefits package. Separate purchase of worker's comp is not allowed.	
No5	no change		Acquisition of raw data (e.g., bathymetry)	Costs for data acquisition are very high when all costs are calculated. There are reasonable estimation methods available to validate DEM data.		
No6	no change		Development of numerical model	Development costs for numerical models are expensive and beyond what these grants can handle.		
No7	no change		Swag: t-shirts, clothing, jackets, hats, visors, plaques, mugs, glassware, commemorative items	Not a priority and too many "optics."		
No8	no change		Development of educational curriculum	Curriculum development is very expensive.		
No9	no change		Development of risk assessment models (e.g., HAZUS)	Risk assessment models are expensive and have been developed by FEMA.		
No10	no change		Fees for subscriptions to professional journals, association memberships, or article submission fees.	Even if publishing an article related to grant-funded work, professional journal article submission fees may not be paid with tsunami grant funds.	These items are expected to be paid for by the individual or employer.	
No11	no change		Developing building codes or land-use plans.	It is allowable to host meetings about these issues and travel to provide subject matter expertise. Grant-funded staff are prohibited from writing policy-level or regulatory codes, plans, or documents.		
No12a	no change		International Travel	Travel for anyone to go from or to another country.	Exceptions: American Samoa to Samoa travel; change-of-plane stop-overs in another country when traveling from Guam or CNMI to or from U.S. destinations. All other international travel is not permitted. This includes travel within the Caribbean or the Pacific.	
No12b	New for FY20		Travel to a Tsunami Warning Center for state-specific coordination.	If meeting in person at a TWC is thought necessary by a state or territory and TWC can accommodate the visit, the employing agency should fund the travel.		
No13	no change		Business or first-class travel	Grant-funded airfare must be for coach or economy class (or equivalent).	Upgrades using mileage or other rewards programs is permitted, as long as an upgrade does not incur additional cost to a grant.	
No14	no change		Hotel or meal/per diem costs in excess of published Federal Government rates or state/territory rates (if lower.)	Federal Government hotel and per diem rates are here: https://www.gsa.gov/portal/category/100120		
No15	no change		Time (hours) and benefits for personnel costs associated with preparation of grant applications, forms, spreadsheets, reprogramming requests, and related supporting activities	These costs should be paid by indirect costs allowed through a Negotiated Indirect Cost Rate Agreement. If no NICRA, grant applicants are allowed a flat 10% to cover these indirect costs.	It is against Department of Commerce grants policy to pay administrative costs to a department or division within a grant-funded agency or subawardee if there is a NICRA because such costs would be considered a double-payment.	
No15a	no change from FY19		Overtime, Premium Pay, Shift Differential, speakers fees, or honoraria.	Overtime, Premium Pay, or Shift Differential to a grant-funded FTE individual is in violation of Department of Commerce Grants Policy because it is considered an oversubscription of hours.	This applies even if a grant-funded individual works less than a typical FTE 2,080-hour work year.	

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No15b	no change		Reimbursement of salary/wages and fringe benefits for workshop, training, exercise, or other event attendees.	Reimbursing an agency or individual for salary, wages, and fringe benefits -- such as a workshop attendee from a local government -- is not permitted because it is a violation of Department of Commerce Grants Policy.	People may not be paid to participate in workshops, training, or exercises. Presenters or trainers who are grant-funded may be paid straight time only if the event is included as an approved grant task.	
No16	no change from FY19		Staff time for Coordinating Committee members or staff to participate in NTHMP meetings.	It is expected when accepting a Coordinating Committee appointment that the CC member's time to attend and participate in CC meetings will be covered by the CC member's employer from base funding, and not from grant funds.	Applies to NTHMP Coordinating Committee members and grant-funded staff.	
No17	no change from FY19		Travel to conferences, workshops, or meetings that are not specific to a task.	Examples: AGU, SSA, or IAEM Annual Conferences; Modeling or Mapping Workshops; National Earthquake Meeting, and similar professional conferences or meetings.	If participation in meetings and conferences is important to someone, that person's employer should pay for it. Further, most conferences are multi-hazard with tsunami being only a small part. A case exception can be made for a Hurricane Conference at which East Coast and Gulf Coast emergency managers may be present; capture this audience.	
No18	no change from FY19		Laptop or desktop computers, tablets, smartphones, cameras, PA systems, LCD projectors, printers, and related computer hardware (exception: See allowable item #24).	It is expected that these items should be provided as in-kind support from the NTHMP partner's base budget/employer's contribution.	Even if equipment is used 100% for tsunami purposes, these items are considered "grant creep."	
No18a	no change from FY19		Monthly, semi-annual, or annual fees for data plans for equipment, such as but not limited to smartphones or tablets.	It is expected that these fees should be supported by the NTHMP partner's base budget/employer's contribution for employer-provided equipment or personal equipment elected to be used by a grant-funded individual.		
No18b	no change from FY19		Licenses for email, operating systems, specialized software, or any other back-end information technology support systems. (See allowable 16b for GIS license information.)	It is expected that these items should be provided as in-kind support from the NTHMP partner's base budget/employer's contribution.	Even if someone is paid 100% by grant funds, the hiring agency must provide all back-end I.T. support and systems at no charge to the grant.	
No18c	New for FY20		Data storage, data archiving costs (or share), cloud data backup, or memory.	It is expected that these items or services should be provided as in-kind support from the NTHMP partner's base budget/employer's contribution.		
No19 (was 25)	no change from FY19	WCS	Post-tsunami survey team for tsunami impacting a U.S. coastline. Pre-deployment approval required by NWS Tsunami Program.	Not allowable per NOAA General Counsel.	Expenses related for travel and mobilization for a post-tsunami survey team immediately after a qualifying "big event" to collect perishable data as determined by the WCS. Does not include costs for equipment such as cameras, tablets, laptops, webcams, satellite time, cell phones.	Goal 4.4: Coordination of field data collection efforts in the aftermath of a tsunami event