



STATE OF WASHINGTON  
RECREATION AND CONSERVATION OFFICE

## European Green Crab Emergency Measure Funding Solicitation

Posted:	8/1/2022 (Updated from 7/1/2022 version)
Applications Due:	Rolling deadline until funding is fully obligated
Funding Availability:	\$ 1,100,000
Minimum Award:	\$ 20,000.00
Maximum Award:	No maximum award. <sup>1</sup>
Matching Funds:	Not required
Performance Period:	July 1, 2022 to June 30, 2023
Funding Instrument:	Interagency Agreement

### Background

European green crab (*Carcinus maenas*) is a level 1 prohibited aquatic invasive species in the State of Washington. European green crabs are a globally damaging invasive species that pose a threat to Washington's economic, environmental, and cultural resources. Potential impacts include destruction of eelgrass beds and estuarine marsh habitats, threats to the harvest of wild shellfish and the shellfish aquaculture industry, the Dungeness crab fishery, salmon recovery, and a complex array of ecological impacts to food webs.

In 2021, the Washington Department of Fish and Wildlife (WDFW), tribal co-managers, and partners identified an exponential increase of invasive European green crabs within the Lummi Nation's Sea Pond and outer coast areas, including Makah Bay, Grays Harbor, and Willapa Bay. This poses an imminent threat to Washington's economic, environmental, and cultural resources. The \$2.3 million appropriated by the State Legislature for European green crab management in the 2021-23 biennium is not sufficient to control these exploding populations.

On Dec. 14, 2021, Director Susewind submitted an emergency measures request for invasive green crab response to Governor Jay Inslee. While emergency funding was not immediately available, on Jan. 19, 2022, Gov. Inslee issued an emergency order to address the exponential increase in the European green crab population within the Lummi Nation's Sea Pond and outer coast areas. The proclamation directs WDFW to begin

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<sup>1</sup> The European Green Crab Multi-Agency Coordination Group (MAC Group) reserves the right to require more information including a presentation for proposals requesting more than \$100,000 or proposals that would seek ongoing funding in future years.



implementation of emergency measures and urges the Legislature to provide additional emergency funding as requested by the WDFW as soon as possible.

Working with the Governor's office, the Office of Financial Management, tribal co-managers including the Lummi Nation, Makah Tribe, and others, and Washington Sea Grant, WDFW requested \$8,568,000 million from the State Legislature during the 2022 supplemental session to control increasing European green crab populations. The Legislature fully-funded this request in the 2022 Supplemental Budget, which was signed by Governor Inslee on March 31, 2022. Context for this funding opportunity is provided in Appendix A.

## Funding Opportunity

The State of Washington Recreation and Conservation Office (RCO) has executed an agreement with the Washington Department of Fish and Wildlife (WDFW) (WDFW # 22-20111, RCO # 23-21) to execute interagency agreements to aid rapid response to the European green crab emergency.

The issuance of this request does not guarantee the award of funding for this program. Costs incurred prior to July 1, 2022, **will not** be reimbursed. Agreements may be backdated to July 1, 2022 if requested.

All work must follow integrated pest management practices as directed by the Washington Department of Fish and Wildlife.

## Eligible Entities

Eligible entities for interagency agreement funding are 'public agencies' defined by Revised Code of Washington (RCW) 39.34 Interlocal Cooperation Act.

"Public agency" means any agency, political subdivision, or unit of local government of this state including, but not limited to, municipal corporations, quasi municipal corporations, special purpose districts, and local service districts; any agency of the state government; any agency of the United States; any Indian tribe recognized as such by the federal government; and any political subdivision of another state.

Furthermore, "State" means a state of the United States. "Watershed management partnership" means an interlocal cooperation agreement formed under the authority of RCW 39.34.200. "WRIA" has the definition in RCW 90.82.020.

## Eligible Activities & Proposal Format

In addition to the proposal's template format, the proposal, must address the following 10 qualifications:

1. 100% of requested funds (excluding indirect costs) are directed to European green crab response.
2. Identify how the proposal meets one or more of the following European green crab incident objectives:

- a. Facilitate Washington Department of Fish and Wildlife implementing [Governor Inslee's Emergency Proclamation](#) for statewide emergency measures with respect for tribal sovereignty and federal jurisdictions.
  - b. Ensure the health and safety of all participants.
  - c. Reduce European green crab populations below harmful environmental, economic, and cultural resource harm.
  - d. Provide collaborative and transparent emergency management.
  - e. Develop and implement post-emergency transition to long-term management by local entities.
3. If proposal activities are located in the Salish Sea, identify how the proposal meets or compliments one or more [Actions for Transboundary European Green Crab Management](#) in the Salish Sea Transboundary Action Plan for Invasive European Green Crab<sup>2</sup> until a future plan is developed and approved by the Washington Department of Fish and Wildlife.
  4. Identify which European green crab incident command (Washington Emergency Management Division Mission # 22-1098) Branch(s), Management Area(s), and Coordination Area(s) to which this proposal applies (see Appendix B).
  5. Clearly indicate that requested funds are likely to be fully expended by June 30, 2023, and if there are any matching funds or in-kind services being provided by the applicant or partners.
  6. Identify why this funding is needed as opposed to seeking other state, tribal, or federal funding sources. If complimentary to other funding, explain why and how efforts will be increased.
  7. Identify if proposal is for one-time funding or if you intend to submit a request for future funding. If ongoing, identify risk of not receiving funding in future years.
  8. Provide a rationale for high-cost items, such as boats or other high-cost equipment, and explain the specific benefit of those costs.
  9. State a commitment to reasonable communication, coordination, and data management with existing and any new WDFW requirements including coordination or technical working groups.
  10. Self-assign an emergency funding priority to the proposal or each task of the proposal, as appropriate, using the following guidelines:
    - a. Level 1: Rapid response – requires expedited funding to address short-term (< 6 months) gaps and resource needs to a new infestation or critical resource gap immediately affecting one of the following incident objectives: 2b) Ensure the health and safety of all participants; or 2c) Reduce European green crab populations below harmful environmental, economic, and cultural resource harm.
    - b. Level 2: Imminent response – requires longer-term funding (> 6 months) to provide emergency response resources such as hiring and outfitting new staff, research projects, etc.

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<sup>2</sup> Drinkwin, J., Pleus, A., Therriault, T., Talbot, R., Grason, E.W., McDonald, P.S., Adams, J., Hass, T., Little K., 2019. Salish Sea Transboundary Action Plan for Invasive European Green Crab. Puget Sound Partnership. <https://wdfw.wa.gov/publications/02045>  
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- c. Level 3: Flexible response – generally one-time funding requested for setting up resources and/or process for late FY23 or FY24.

## Proposal Template

### 1. Introduction

- A. Agency/Organization Legal Name
- B. DUNS Number and Tax ID Number
- C. Agency/Organization Mailing Address
- D. Names, Titles, Phone Numbers, and Email Addresses
  - a. Primary contact
  - b. Billing contact
  - c. Signatory Official

### 2. Project Summary<sup>3</sup>

- A. Project objectives and eligible activity summary
- B. Project tasks
- C. Project deliverables
- D. Project area description
- E. Project timeline

### 3. Budget Template

Budgets must be summarized at the object level, with explanation of each projected cost.

#### Objects

- 1. Salary
- 2. Benefits
- 3. Supplies
- 4. Contractual
- 5. Equipment
- 6. Other
- 7. Indirect

#### Cost Explanation

*Example*

Supplies	Calculation	Requested Funds
Fukui traps	\$90 trap X 100 units	\$9,000.00

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<sup>3</sup> Ensuring that the 10 qualifications are integrated into this part of the proposal.  
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Bait cage	\$14 cage X 100 units	\$1,400.00
<b>Subtotal</b>	-	<b>\$10,400.00</b>

## Required Reporting Metrics

Required reporting to the Recreation and Conservation Office will include:

A summary of the agreement and tasks, total expenditures, accomplishments, challenges, and lessons learned, and adaptive management recommendations.

Proposals that include European green crab removal efforts must include the following minimum data on at least a monthly basis unless otherwise required: total number of trap days and trap sets, trap locations, total number of European green crab removed, carapace widths, sex, number of gravid females removed, and Catch Per Unit Effort (CPUE), appendix of all raw data collected, adaptive management actions implemented, and recommendations for future work. Alternative methods of meeting minimum data requirements, as approved by WDFW, may be allowed to expedite data collection in areas of larger European green crab populations where collection on individual crabs would significantly slow the removal process.

Reports must include high quality photos (and any videos) illustrating activities.

## Proposal Submission

Proposals may be submitted electrically or by mail. Electronic submission is preferred.

**Electronic:** Proposals must be e-mailed to Justin Bush, funding coordinator, at [Justin.Bush@rco.wa.gov](mailto:Justin.Bush@rco.wa.gov).

**Mail:** Proposals must be mailed to:  
Justin Bush  
State of Washington  
Recreation and Conservation Office  
PO Box 40917  
Olympia, WA 98504-0917

## **Appendix A. Context for EGC Emergency Measures Funding Program**

### WDFW Exhibit 4: Proposed Emergency Response Actions and Budget and Timeline

- “Another significant approach to the remaining budget strategy is development of a \$500,000/year coastal EGC management grant program, a \$500,000/year rapid response interagency agreement fund and appropriate \$500,000/year in funding for the AIS Local Management Grant program established under RCW 77.135.240. These fund sources provide flexibility in funding opportunities for tribal co-managers and other partners engaged in EGC management efforts to avoid having to ask for additional emergency funds from the Governor’s office as EGC management evolves or new EGC populations are detected.”

### Governor’s Proclamation 22-02

- “NOW THEREFORE, I, Jay Inslee, Governor of the state of Washington, by virtue of the authority vested in me under RCW 43.06.010(14), as a result of the above-noted situation, and in accordance with RCW 77.135.090, do hereby order the Department of Fish and Wildlife to begin implementation of emergency measures as necessary to effect the eradication of or to prevent the permanent establishment and expansion of European green crab.”
- “FURTHERMORE, I direct the Department of Ecology, and I ask the Department of Natural Resources and the State Parks and Recreation Commission to identify European green crab management as a high priority on their respective state-owned aquatic lands and to facilitate implementing the emergency measures described herein.”

### Legislative 2022 Funding Directive

- “5693-S.PL Sec. 308(67) \$2,472,000 of the general fund—state appropriation in fiscal year 2022 and \$6,096,000 of the general fund—state appropriation in fiscal year 2023 are provided solely for the department to implement eradication and control measures on European green crabs through coordination and grants with partner organizations. The department must provide quarterly progress reports on the success and challenges of the measures to the appropriate committees of the legislature by December 1, 2022.”

### RCO Contract and Solicitation Directives

- “Between July1, 2022, and June 30, 2023, RCO, in consultation with WDFW, will solicit funding proposals from state agencies, tribal nations, and other eligible public agencies to identify priority resource needs and execute interagency agreements to fill needs for salary and benefits, supplies and equipment, and other costs. RCO will facilitate proposal reviews and recommendations for funding through the MAC Group.”
- “Proposals should address at least one of the Statewide Emergency Measures Goals and at least one of the Priority Actions (i.e., Training; Early Detection; Prospecting; Rapid Response; Control; Sentinel Site; Research; Coordination; Other). Funding may pay for staffing, supplies and equipment, subcontracts, travel, and indirect costs. Recreation and Conservation Office staff will compile proposals for review and award under the direction of the European Green Crab Multi-Agency Coordination Group (MAC Group). The MAC Group may give preference to projects that are most likely to expend funds by June 30, 2023, have matching funds, provide in-kind services, or other criteria the MAC Group determines best support statewide emergency measures goals and priority actions.”

## Appendix B. WA EGC Emergency Measures ICS Branches and Management Areas

The Washington European green crab emergency measures ICS process provides centralized support for the Salish Sea and Coastal Branches of Operations and may provide support to federal and tribal participants within those Branches. To address Goal E, “transition of long-term EGC management to local entities,” these Branches may incorporate their own ICS at the management area level (see map below), or locally defined coordination areas within a management area (e.g., Lummi Sea Pond; Makah Bay). Delineation of Branches corresponds to major differences in EGC management strategies due to significant propagule pressures from EGC larvae arriving in Washington State from coastal sources in California, Oregon, and British Columbia. Delineation of Management Areas within those branches is based on WDFW’s recreational fishing marine areas.

