ARTIS Exchange 2024 Request for Proposals

Aquatic food is among the most highly traded foods and is becoming increasingly globalized, with trade doubling in recent decades. At the same time, aquatic food is now recognized as a critical source of nutrition. However, our collective understanding of the environmental and human outcomes of aquatic food globalization is limited by fundamental gaps between production, trade, and consumption data. The Aquatic Resource Trade in Species (ARTIS) database bridges this gap and provides global estimates of aquatic food species/species group and nutrient trade flows from 1996–2020. Visit https://artisdata.weebly.com/ to find out more about the ARTIS data and to see a list of ongoing projects.

ARTIS Exchange will bring individuals and small teams of early career researchers to the University of Washington for a 2.5-day hackathon-style research event. Participants will gain access to the full ARTIS data and visualization tools and will receive feedback and input on their projects from the ARITS team. During this sprint event, each individual/team will focus on answering a pressing question about global aquatic food trade and its interaction with the environment and/or nutrition security.

Travel and room and board will be covered for all participants.

Logistical details
Application deadline: January 19, 2024
Event date: July 31-August 2, 2024
Event location: University of Washington, Seattle, WA

Questions
We are accepting proposals on a broad array of topics. As food for thought, the below are overarching questions generated by collaborators and partner organizations that are worthy of pursuit. You are also welcome to develop your own question outside the scope of these specific questions. In all cases, you are encouraged to review ongoing projects on the ARTIS website to ensure the proposed work is distinct and not currently underway.

1. How has foreign aid/investment impacted aquatic food exports, imports, and domestic consumption?
2. Where and how has aquatic food trade caused environmental degradation?
3. What are the impacts of conflict, including climate-driven fishery conflicts, on aquatic food trade?
4. Is there evidence of health risks associated with aquatic foods (e.g., spoilage, disease outbreaks, microplastics, antibiotic use, mercury, etc.) influencing their trade patterns?
5. Other - specify your own question.

Eligibility
- Teams are oriented around early career researchers, defined as late-stage graduate students up to five years past a graduate degree. Funding can only support early career researcher participation, though teams can involve remote participation of mentors.
- Each applicant requesting support to attend ARTIS Exchange must be based in the US (i.e., will be traveling to/from ARTIS Exchange from within the US), though teams can include remote members. Note that no funding is included for remote participants and in-person participants are responsible for engaging remote participants.
- Teams must consist of no more than 3 members applying for support to participate in person.

Application instructions

Projects can be conducted as an individual or a team, but only one proposal needs to be submitted per project. Please combine all application materials into a single pdf and submit it **here** by 11:59 pm EST January 19, 2024.

Application requirements:

1. Cover page - This should consist of:
   a. The project title
   b. A list of all team members, including their current position, area of expertise and role in the proposed project
   c. A list of any remote participants/mentors, including their current position, area of expertise, and role in the proposed project
   d. The selected question
2. Project proposal - A description of your proposed project, including your specific question, your specific analysis approach, and any additional data you plan to use in the study beyond the ARTIS trade data. The project proposal must not exceed 2 pages (excluding references).
   a. Projects are highly encouraged to combine ARTIS data with other data, though you should indicate whether you have access to the data and any prior experience you have working with the data.
   b. If there is potential overlap with ongoing work listed on the ARTIS website, please include a statement distinguishing the work (you are also free to reach out to Jessica Gephart to talk through possible overlap)
3. A 2-page CV (max) for each team member (including any remote participants). Be sure to include relevant background in the topic and coding/methods experience.

If a proposal is selected as a finalist, the participants will be notified by February 2, 2024. The team will receive comments on their proposal and will have the opportunity to revise their proposal by February 16, 2024. Accepted participants will be notified by early March 2024.

Evaluation criteria

- The project addresses a clearly articulated, pressing question.
- The analysis approach is clear and feasible.
- Any additional data sources are clearly described, the team has access to these data, and ideally, the team has experience working with the data.
- The individual/team has the necessary expertise and skills to complete the project.