

**Request for Approval under the “Generic Clearance Collection for Meetings, Events, Registrations, and Miscellaneous Forms”  
(OMB Control Number: 0690-0038)**

**TITLE OF INFORMATION COLLECTION:** AI for Science Bootcamp

**PURPOSE:** The bootcamp application will gather information from applicants who wish to participate in the NOAA/NCAR/NREL AI for Science Bootcamp. This information is necessary to determine the most appropriate candidates for participation in the bootcamp.

Together with NVIDIA and the OpenACC organization, the National Oceanic and Atmospheric Administration (NOAA), the National Center for Atmospheric Research (NCAR), and the National Renewable Energy Laboratory (NREL) will host a virtual Open Bootcamp starting February 6 and concluding February 7, 2024.

The AI for Science Bootcamp provides a step-by-step overview of the fundamentals of deep neural networks and walks attendees through the hands-on experience of building and improving deep learning models for applications related to scientific computing and physical systems defined by differential equations. The material will cover more advanced topics such as physics-informed neural networks (PINNs) and operator learning and make use of tools like NVIDIA Modulus to develop and train the models. This online bootcamp is a hands-on learning experience where you will be guided through step-by-step instructions with teaching assistants on hand to help throughout.

**DESCRIPTION OF RESPONDENTS:** The bootcamp announcement and link for the application will be distributed via NOAA blog, website, newsletter, and social media, as well as through regional and national listservs. Respondents will be from various sectors, including state, local, tribal, and territory governments, institutions of higher education, nonprofit organizations, or commercial (for-profit) organizations.

**TYPE OF COLLECTION:** (Check one)

- |  |  |
|--|--|
| <input type="checkbox"/> Customer Comment Card/Complaint Form          | <input type="checkbox"/> Customer Satisfaction Survey                      |
| <input type="checkbox"/> Usability Testing (e.g., Website or Software) | <input type="checkbox"/> Small Discussion Group                            |
| <input type="checkbox"/> Focus Group                                   | <input checked="" type="checkbox"/> Other: <u>Registration/Application</u> |

**CERTIFICATION:**

I certify the following to be true:

1. The collection is voluntary.
2. The collection is a low burden for respondents and low-cost for the Federal Government.
3. The collection is non-controversial and does not raise issues of concern to other federal agencies.
4. The results are not intended to be disseminated to the public.
5. Information gathered will not be used for the purpose of substantially informing influential policy decisions.
6. The collection is targeted to the solicitation of opinions from respondents who have experience with the program or may have experience with the program in the future.

Name: Radhika Subramanian

To assist review, please provide answers to the following question:

**Personally Identifiable Information:**

1. Is personally identifiable information (PII) collected?  Yes  No
2. If Yes, will any information that is collected be included in records that are subject to the Privacy Act of 1974?  Yes  No
3. If Yes, has an up-to-date System of Records Notice (SORN) been published?  Yes  No

**Gifts or Payments:**

Is an incentive (e.g., money or reimbursement of expenses, token of appreciation) provided to participants?  
 Yes  No

**BURDEN HOURS**

Category of Respondent	No. of Respondents	Participation Time	Burden Hours
Individuals/Households	100	10 min	16.7
Private Sector	100	10 min	16.7
NOAA Employees / Collaborators	125	10 min	16.7
<b>Totals</b>	<b>325</b>		<b>54</b>

**FEDERAL COST:** The estimated annual cost to the Federal government is \$1,615  
 This cost was calculated using the Rest of US locality rate for a ZA-III at 1% effort.

**If you are conducting a focus group, survey, or plan to employ statistical methods, please provide answers to the following questions:**

**The selection of your targeted respondents**

1. Do you have a customer list or something similar that defines the universe of potential respondents and do you have a sampling plan for selecting from this universe?  Yes  No

If the answer is yes, please provide a description of both below (or attach the sampling plan)? If the answer is no, please provide a description of how you plan to identify your potential group of respondents and how you will select the respondents.

This is being sent to everyone with a NOAA email address. Everyone will be allowed to participate who expresses interest in learning AI/ML programming techniques.

**Administration of the Instrument**

1. How will you collect the information? (Check all that apply)  
 Web-based or other forms of Social Media  
 Telephone  
 In-person  
 Mail  
 Other, Explain
2. Will interviewers or facilitators be used?  Yes  No

**Required Additional Information**

- Line of Business: General Science & Innovation
- Subfunction: Scientific & Technological Research & Innovation
- Privacy Act System of Records: COMMERCE/NOAA-23
- Federal Registration citation information: 78 FR 42038
- Number of respondents for small entities: 0
- Percentage of respondents reporting electronically: 100

**Please submit all instruments, instructions, correspondences (emails, letters, etc.) to respondents, and scripts as separate documents along with this request document.**

**Every instrument must have the following displayed –**

**OMB Control No. 0690-0038**

**Expiration Date: 07/31/2026**