Project Title: OceanEYES

Program Office Sponsoring or Conducting this CSC Project: NOAA Pacific Islands Fisheries Science Center

Authority for this CSC Project: CCSA

Purpose of this CSC Project: This project provides high-quality human annotation of in-situ images of Hawaii Deep 7 bottomfish collected during the annual fishery-independent survey. NMFS will use the human annotation to train novel, machine learning algorithms and to investigate alternative metrics to estimate target species abundance from underwater videos.

Type(s) of Information Collected and From Whom It Is Collected: Volunteer citizen scientists identify fish in underwater imagery.

Use of the Information: After verification, the information provided by the citizen scientists is used for training machine-learning algorithms and estimating species abundance.

Method(s) of Information Collection: This project uses a web based graphical user interface to collect information.

Affected Public: Individuals.

Estimated Average Annual Number of Participants: 22,300

Estimated Average Annual Number of Responses per Participant: 82

Estimated Average Minutes per Response: 1.00

Estimated Average Annual Burden Hours: 30,477

Estimated Total Annual Cost to Participants in this CSC Project: $0

Estimated Average Annual Costs to the Federal Government: $35,934

Estimated Average Annual Number of Federal Government Employees (FTEs): 0.25

Recruitment and Retention Methods for Voluntary Participants (SSA item 1): OceanEYEs is continually referenced in education/outreach materials as well as through media outlets. Responses to questions and comments submitted by volunteers through the OceanEYEs portal are provided quickly and thoroughly.

Gifts or Payments (SSA Item 9): We do not plan to provide a gift or payment to the voluntary participants.

Annual and Multi-Year Schedules (SSA Item 16): OceanEYEs is ongoing, with no planned end date.

Display OMB Control No. and Expiration Date (SSA Item 17): This information will be provided when individuals sign up to participate in this CSC project**.**

Statistical Methods: This CSC project will not employ statistical methods.

Approval for Pretesting: This CSC project will not require additional pretesting with more than nine members of the public.

Supplemental Documents: There are two supplemental documents for this CSC project. One contains screenshots from the data entry app. The other includes reports and educational and recruitment information.

CERTIFICATION: I certify the following are true.

1. The collection is voluntary.
2. The collection is low-burden for respondents and low-cost for the Federal Government.
3. The collection is non-controversial and does <u>not</u> raise issues of concern to other federal agencies.
4. The collection will not include highly influential scientific information, ,which is information NOAA or OMB determines: (i) could have a potential impact of more than $500 million in any year, or (ii) is novel, controversial, or precedent setting or has significant interagency interest.
5. The collection complies with 5 CFR 1320.9 and the related provisions of 5 CFR 1320.8(b)(3).
6. The collection will provide qualitative and quantitative data that help inform scientific research and monitoring, validate models or tools, support STEM learning, and enhance the quantity and quality of data collected to support NOAA's mission.

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