

Assessment of Environmental Health and Land Reuse Certification Training

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Supporting Statement Part B

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Attachments:

Attachment 1. Authorizing Legislation

Attachment 2. 60-day Federal Register Notice

Attachment 3a. Follow-up Survey Invitation

Attachment 3b. Follow-up Survey Reminder

Attachment 4a. Follow-up Survey - [WORD](#)

Attachment 4b. Follow-up Survey - Screenshots

Attachment 5. CDC IRB Approval Letter

Attachment 6. Privacy Impact Assessment Approval

Part B. Collections of Information Employing Statistical Methods

B.1. Respondent Universe and Sampling Methods

The Agency for Toxic Substances and Disease Registry (ATSDR) and the National Environmental Health Association (NEHA) are co-producing an online Environmental Health and Land Reuse Certificate training program. The program link will be accessible by the Center for Disease Control and Prevention (CDC) Training and Continuing Education Online (TCEO) website. The project does not involve statistical methods. The participants in the certification will primarily be environmental professionals (e.g. primarily local health department (LHD) professionals), public health practitioners, and students (e.g. graduate students) in environmental health, environmental science, planning, and public health.

ATSDR will characterize TCEO participant registration data in terms of the total number of certification participants (e.g. sum) and their job titles. One-time follow-up survey responses to estimate increased capacity as a result of taking the training will be collected by ATSDR from participants within 12 months after completing the certification course. The follow-up survey is voluntary. In the follow-up survey, participants will report on how they used aspects of the certification course contents, how often they used the contents, and whether or not they used the contents to increase their skills in environmental health and land reuse activities (Attachments 4a and 4b).

B.2. Procedures for the Collection of Information

Statistical methods will not be employed for this collection. A program such as Excel may be used for basic summing or grouping of the TCEO registration process questions (e.g., job title, such as environmental consultant or planner and location, such as city/state) and the follow up REDcap voluntary survey responses. ATSDR expects approximately 20 percent response rate for the follow up. The maximum response rate would be 100%. While it is reasonable to assume a 20% response rate, ATSDR wants to ensure that maximal participation is included as an option. This is based on the opportunity for cooperative state partners and students to participate in the training follow up, which may be required by their managers or professors.

For the follow up voluntary survey, ATSDR will use a brief, 10-question survey to help ATSDR and NEHA evaluate educational content and usefulness in the participants' work (e.g., such as specifically useful, quick refresher, or new knowledge). ATSDR will send one email and one reminder email to certificate course participants with a link to a short survey (e.g. on REDcap) to highlight self-reported increases in knowledge or skills by participants. ATSDR will send one reminder email to increase the response rate from participants. ATSDR will use the follow up information to assess the effectiveness of the training to increase participants' knowledge and use of the environmental health and land reuse concepts set forth in the certification. ATSDR may refine the existing modules as well as future tools/resources based on participant feedback.

B.3. Methods to Maximize Response Rates and Deal with No Response

The follow-up survey is completely voluntary on the part of the participants. ATSDR will send an invitation to participants about the survey and one reminder about voluntarily taking the survey (see Attachment 3a, Follow-up Survey Invitation and Attachment 3b, Survey Reminder). There will be no methods used to maximize responses or to deal with no responses. The responses provided by participants who complete the survey will be summarized by ATSDR to assess potential increases in the respondents' capacity and knowledge in environmental health and land reuse skills.

B.4. Test of Procedures or Methods to be Undertaken

A copy of the intended participant follow up survey questions is provided in the Attachments (see Attachment 4a and 4b). The survey is brief, so no pilot test sample is being substituted for approval.

B.5. Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data

No individuals were consulted on statistical aspects of the design because this project does not incorporate a statistical study design. As mentioned previously, only summing or grouping of similar answers, such as job titles, will be incorporated.

The individual point of contact for both data collection and analysis is ATSDR's Land Reuse Team lead Laurel Berman, PhD, Environmental Health Scientist, 312-886-7476, laberman@cdc.gov (or fjq0@cdc.gov). (Note: Berman's back-up is Land Reuse Team member Leann Bing, kbing@cdc.gov.)