



Environmental Review Form for Argonne National Laboratory

<b>Form:</b>	ANL-985
<b>Version:</b>	5
<b>Your Form ID:</b>	ANL-985-1552
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<b>Created By:</b>	Harris, Shana E

**Creator**

Badge:	311196	Name:	Harris, Shana E
Cost Center:	254	Division:	WSH
Job Title:	ESH Multi-Functional 3	Employee Type:	Regular Full-Time Exempt
Building:	203	Lab Extension:	2-5482

**General Information**

Project/Activity Title: EC BioSALTS and Exchange Offsite Fieldwork

ASO NEPA Tracking No.: \_\_\_\_\_ Type of Funding: DOE/EERE/BETO

B & R Code: BM0108020; BM0106000 Identifying Number: ANL-985-1552

SPP Proposal Number: \_\_\_\_\_ CRADA Proposal Number: \_\_\_\_\_

Work Project Number: \_\_\_\_\_ ANL Accounting 37258/PRJ1008745; (Item 3a in Field Work Proposal)  
Number: 37245/PRJ1008747

Other (explain): \_\_\_\_\_

List appropriate NEPA Owners: \_\_\_\_\_

Division: EVS NEPA Owner: \_\_\_\_\_

**Financial Plans**

To select a Financial Plan, click the magnifying glass icon to open a search window.

Cost Center: Project: Phase: Task:

**Description of Proposed Action**

GENERAL: This offsite field work categorical exclusion covers monitoring and site characterization in support of environmental sciences field campaigns. The purpose of the data collection is to establish existing environmental conditions to serve as background/baseline conditions, and to monitor trends over the course of the projects. Field activities will include acoustic monitoring of birds, weather station installation and maintenance, soil sampling for microbial analysis, and the installation of motion-triggered wildlife cameras. Minor ground disturbances associated with some of the tasks may require permits and all site, local, etc. dig/ground penetration permitting, and notification requirements will be researched, understood, and met (i.e. Calling JULIE) before any digging will take place. . The minor ground disturbance involves driving a metal fencing pole 1-2 ft into the ground, with 3-4 ft exposed above ground to provide a structure to support a camera, avian acoustic recording system, or weather sensing system. At the close of the project, disturbed areas will be restored to their prior condition. RESTRICTIONS: All activities will follow the conditions in 10 CFR 1021, Subpart D, Appendix B "Conditions that Are Integral Elements of the Classes of Actions in Appendix B." The activities described in the offsite fieldwork Categorical Exclusion shall not adversely impact wetlands, floodplains, streams, archaeological sites, historic structures, or parts thereof, or adversely affect any of the above. All intrusive sampling work (work that disturbs the surface of the ground) taking place under this Categorical Exclusion will take place in offsite areas with approval of the land owner. Non-intrusive sampling such as hand collection of water samples from a pond, or ground or aerial imagery, would be allowed. No actions taken place under this Categorical Exclusion shall require special or specific Federal or State permits such as construction or air permits or U.S. Army Corps of Engineers dredge and fill or wetland permits. No actions under this CX shall involve any radiological concerns or discharge of process water or wastewater to any storm sewer system. No actions that disturb the earth significantly or create the potential for erosion shall be conducted. All planned activities will be verified to fall within the assigned CX or another appropriate environmental evaluation document. Any actions planned that do not meet these restrictions or fall within the scope described shall require additional NEPA review.

**Description of Affected Environment**

Field projects will be conducted at the following locations: the U.S. Southeast Coastal Plains region of Florida and the Northern Great Plains region of central and western Nebraska.

## Potential Environmental Effects

- Attach explanation for each "yes" response near bottom of form.
- **See Instructions for Completing Environmental Review Form.**

Section A (Complete For All Projects)		Yes	No	Explanation
1.	Project evaluated for Pollution Prevention and Waste Minimization opportunities and details provided under items 2, 4, 6, 7, 8, 16, and 20 below, as applicable	<input checked="" type="radio"/>	<input type="radio"/>	No chemicals are being used during the projects and waste generation is N/A.
2.	Air Pollutant Emissions	<input type="radio"/>	<input checked="" type="radio"/>	
3.	Noise	<input type="radio"/>	<input checked="" type="radio"/>	
4.	Chemical/Oil Storage/Use	<input type="radio"/>	<input checked="" type="radio"/>	
5.	Pesticide Use	<input type="radio"/>	<input checked="" type="radio"/>	
6.	<b>Toxic Substances Control Act (TSCA) Substances</b>			
6a.	Polychlorinated Biphenyls (PCBs)	<input type="radio"/>	<input checked="" type="radio"/>	
6b.	Asbestos or Asbestos Containing Materials	<input type="radio"/>	<input checked="" type="radio"/>	
6c.	Other TSCA Regulated Substances	<input type="radio"/>	<input checked="" type="radio"/>	
6d.	Import or Export of Chemical Substances	<input type="radio"/>	<input checked="" type="radio"/>	
7.	Biohazards	<input type="radio"/>	<input checked="" type="radio"/>	
8.	Effluent/Wastewater (If yes, see question #12 and contact Peter Lynch (HSE) at 2-4582 or lynch@anl.gov)	<input type="radio"/>	<input checked="" type="radio"/>	
9.	<b>Waste Management</b>			
9a.	Construction or Demolition Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9b.	Hazardous Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9c.	Radioactive Mixed Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9d.	Radioactive Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9e.	Asbestos Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9f.	Biological Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9g.	No Path to Disposal Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9h.	Nano-material Waste	<input type="radio"/>	<input checked="" type="radio"/>	
10.	Radiation	<input type="radio"/>	<input checked="" type="radio"/>	
11.	Threatened Violation of ES&H Regulations or Permit Requirement	<input type="radio"/>	<input checked="" type="radio"/>	
12.	New or Modified Federal or State Permits	<input type="radio"/>	<input checked="" type="radio"/>	
13.	Siting, Construction, or Major Modification of Facility to Recover, Treat, Store, or Dispose of Waste	<input type="radio"/>	<input checked="" type="radio"/>	
14.	Public Controversy	<input type="radio"/>	<input checked="" type="radio"/>	
15.	Historic Structures and Objects	<input type="radio"/>	<input checked="" type="radio"/>	
16.	Disturbance of Pre-existing Contamination	<input type="radio"/>	<input checked="" type="radio"/>	
	Energy Efficiency, Resource			

17.	Conserving, and Sustainable Design Features	<input type="radio"/>	<input checked="" type="radio"/>	
<b>Section B (For Projects that Occur Outdoors)</b>		<b>Yes</b>	<b>No</b>	
18.	Threatened or Endangered Species, Critical Habitats, and/or other Protected Species	<input type="radio"/>	<input checked="" type="radio"/>	
19.	Wetlands	<input type="radio"/>	<input checked="" type="radio"/>	
20.	Floodplain	<input type="radio"/>	<input checked="" type="radio"/>	
21.	Landscaping	<input type="radio"/>	<input checked="" type="radio"/>	
22.	Navigable Air Space	<input type="radio"/>	<input checked="" type="radio"/>	
23.	Clearing or Excavation	<input checked="" type="radio"/>	<input type="radio"/>	Minor ground disturbances associated with some of the tasks may require permits and all site, local, etc. dig/ground penetration permitting, and notification requirements will be researched, understood, and met (i.e. Calling JULIE) before any digging will take place. . The minor ground disturbance involves driving a metal fencing pole 1-2 ft into the ground
24.	Archaeological Resources	<input type="radio"/>	<input checked="" type="radio"/>	
25.	Underground Injection	<input type="radio"/>	<input checked="" type="radio"/>	
26.	Underground Storage Tanks	<input type="radio"/>	<input checked="" type="radio"/>	
27.	Public Utilities or Services	<input type="radio"/>	<input checked="" type="radio"/>	
28.	Depletion of a Non-Renewable Resource	<input type="radio"/>	<input checked="" type="radio"/>	
<b>Section C (For Projects Outside of ANL)</b>		<b>Yes</b>	<b>No</b>	
29.	Prime, Unique, or Locally Important Farmland	<input type="radio"/>	<input checked="" type="radio"/>	
30.	Special Sources of Groundwater (such as sole source aquifer)	<input type="radio"/>	<input checked="" type="radio"/>	
31.	Coastal Zones	<input type="radio"/>	<input checked="" type="radio"/>	
32.	Areas with Special National Designations (such as National Forests, Parks, or Trails)	<input type="radio"/>	<input checked="" type="radio"/>	
33.	Action of a State Agency in a State with NEPA-type Law	<input type="radio"/>	<input checked="" type="radio"/>	
34.	Class I Air Quality Control Region	<input type="radio"/>	<input checked="" type="radio"/>	

**Categorical Exclusion**

Other (Use field below to enter other categorical exclusion)

**ANL NEPA Reviewer Use Only**

- My approval is the final approval necessary
- This form requires additional approval from DOE

**To be Completed by DOE/ASO**

Section D	Yes	No
Are there any extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?	<input type="radio"/>	<input checked="" type="radio"/>
Is the project connected to other actions with potentially significant impacts or related to other proposed action with cumulatively significant impacts?	<input type="radio"/>	<input checked="" type="radio"/>
If yes, is a categorical exclusion determination precluded by 40 CFR 1506.1 or 10 CFR 1021.211?	<input type="radio"/>	<input type="radio"/>
Can the project or activity be categorically excluded from preparation of an Environment Assessment or Environmental Impact Statement under Subpart D of the DOE NEPA Regulations?	<input checked="" type="radio"/>	<input type="radio"/>

If yes, indicate the class or classes of action from Appendix A or B of Subpart D under which the project may be excluded:

Under the following category of 10 CFR 1021, Subpart D, Appendix B, this project field work can be excluded: B 3.1 Site characterization and environmental monitoring resources, B 3.3 Research related to conservation of fish, wild life, and cultural resources, and B 3.8 Outdoor terrestrial ecological and environmental research.

If no, indicate the NEPA recommendation and class(es) of action from Appendix C or D to Subpart D to Part 1021 of 10 CFR.

## Attachments

### File Description:

## Comments

### Add Approver

Approver Name	Approver Badge	Reason	Delete
Quinn, John	37193	Exchange Project PI	
Cacho, Julian F	286780	EC- BioSALTS Project PI	

## Notifications

The approval notification email will be copied to the people listed below.

Badge	Name	Division	Delete
37193	Quinn, John	EVS	
286780	Cacho, Julian F	EVS	

## ASO-CX Number

### ASO-CX- 380

Comments:

DOE approval of this NEPA CX is tracked as ASO-CX-380.

## Approval

<u>Approver</u>	<u>Action</u>	<u>Date Routed</u>	<u>Action Date</u>	<u>Approval Reason / Comments</u>	<u>Approval Type</u>
Harris, Shana E	APPROVED	2020-11-16	2020-11-16 16:42:17.0	Creator :	PRIMARY
Harris, Shana E	APPROVED	2020-11-16	2020-11-16 16:42:17.0	Allows access to the form :	PRIMARY
Harris, Shana E	APPROVED	2020-11-16	2020-11-16 16:42:17.0	Project Manager :	PRIMARY
Quinn, John	APPROVED	2020-11-16	2020-11-16 16:52:17.0	Exchange Project PI :	PRIMARY
Cacho, Julian F	APPROVED	2020-11-16	2020-11-16 16:48:00.0	EC- BioSALTS Project PI :	PRIMARY
Wozny, Bryan M.	APPROVED	2020-11-16	2020-11-17 19:47:17.0	NEPA Owner Approval for Argonne Environmental Review :	PRIMARY
Ptak, Jill S.	APPROVED	2020-11-17	2020-12-01 12:47:40.0	ANL NEPA Reviewer : <b>Off-site work requires DOE approval</b>	PRIMARY
Hellman, Karen B.	APPROVED	2020-12-01	2020-12-01 12:53:19.0	ANL-985 Review and Approval :	PRIMARY
Dunn, Michael W. for Kearns, Paul K.	APPROVED	2020-12-01	2020-12-01 13:10:00.0	ANL-985 ANL COO Review and Approval :	DELEGATE
Joshi, Kaushik N.	APPROVED	2020-12-01	2020-12-10	ANL-985 DOE-ASO Review and	PRIMARY

		15:10:02.0	Approval : <b>DOE approval of this NEPA CX is tracked as ASO-CX-380.</b>		
Siebach, Peter Rudolf	APPROVED	2020-12-10	2021-01-12 15:51:40.0	ANL-985 DOE NEPA Compliance Officer Review and Approval : <b>Action funded by EERE. EERE NCO (Kristin Kerwin) concurrence on CX received via e-mail on 1/12/2021</b>	PRIMARY

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