



Protocol No. _____

Date Received: _____
For IRB Use Only

Institutional Review Board for Human Subject Research

IRB Initial Approval Form for ASU Faculty, Staff, Graduate and Undergraduate Students

Instructions: Submit one original protocol prior to the initiation of any work involving human subjects or human material to the IRB (irb@asu.edu).

A complete protocol includes one copy of each of the following: completed and signed IRB Initial Approval Form: 1. Purpose of the Study, 2. Subject Population, 3. Experimental Methods and Design, 4. Risks, 5. Precautions, 6. Benefits, 7. Confidentiality, 8. Location of Experiment, 9. Duration, 10. Source of Funds, 11. Informed Consent

Principal Investigator _____

☐ Faculty ☐ Staff ☐ Doctoral Student ☐ Master Student ☒ Undergraduate Student
☐ Other Category _____

Department or Program _____

Criminal Justice and Social Science

Other Investigators _____

Faculty Advisor _____

(Required for Undergraduate and Graduate Students)

Project Title _____

The Effects Global Warming Has on the Pacific and Arctic Ocean

Research Dates _____

Beginning: September 28th, 2019 Ending: September 28th, 2020

If Applicable: _____

Funding Agency or Sponsor n/a

PLEASE ANSWER THE FOLLOWING QUESTIONS:

1. Yes ☐ No ☒ Is this project to be undertaken as part of a previously approved research, training, program development or program implementation grant?

Funding agency, project title and project director's name and institution: _____

2. ☐ Yes ☒ No Human subjects to be involved in the proposed activity/activities (mark all that apply):

☐ Children or minors (<18 years old)

☐ Cognitively Impaired

☐ Non ASU researchers

☐ Fetuses

☐ Developmentally Impaired

☐ Abortuses

☐ Elderly (≥ 65 years old)

☒ Other:

☐ Pregnant women

☐ ASU students

☐ Adults (≥ 18 years old)

☐ Prisoners

☐ ASU employees

3. ☐ ☒ Will subjects be video recorded or audio recorded?
4. ☐ ☒ If Question #3 is yes, please explain this in your protocol under the confidentiality section.
5. ☐ ☒ Does this study include online surveys or other forms of electronic communication or data collection?
6. ☐ ☒ If Question #5 is yes, does the electronic system(s) you plan to use provide a method for controlling subject anonymity? Please explain this in your protocol.
7. ☐ ☒ Does the project include access to ASU student or personnel records, email addresses or any other identifying information?
8. ☐ ☒ Does the project involve the use of human blood, blood products, tissues or body fluids?
9. ☐ ☒ If Question #8 is yes, have you attended the Occupational Exposure to Blood-borne pathogens program offered by ASU or other educational centers?
10. ☐ ☒ Does the project involve the testing of investigational drugs or devices? If YES, please provide:
Name of Drug or Device _____
Name of Manufacturer _____
11. ☐ ☒ Attach one copy of a brochure, flyer or other information concerning the drug or device.
12. ☐ ☒ Does the project involve the use of electrical apparatus other than routine care equipment?
I certify that this proposal complies with the ASU *Conflict of Interest and Commitment Policy*
13. ☒ ☐ Are the following items attached to this Initial Approval Form?
- Including Purpose of the Study, Subject Population, Experimental Methods and Design, Risks, Precautions, Benefits, Confidentiality, Location of Experiment, Duration, Source of Funds, Informed Consent and Lay Summary.
 - Data collection instruments
 - Informed Consent and Assent Statements
 - CITI Program Coursework Requirement Report for Principal and Other Senior Investigators
 - ASU Conflict of Interest and Commitment Disclosure Form if "yes" is checked

Please select methods that will be used to recruit individuals. Provide copies of documents, as applicable.

- | | |
|--|---|
| ☐ Email | ☐ Social Media |
| ☐ Flyers | ☐ Online Advertisements |
| ☐ TV, Radio, Print | ☐ Phone Calls |
| ☐ In-person Presentations | ☐ Screening of the Electronic Medical Record (EMR) |
| ☐ Face to Face | ☒ Other-Please explain below |

Explain the recruitment process: N/A
Where will recruitment take place? N/A
When will recruitment occur? Provide a time frame with dates if applicable
N/A

Informed Consent

Please indicated the informed consent process (es) and/or document(s) to be used in the study. Check all that apply. Provide copies of documents, as applicable.

☐	Informed Consent (written form)	☐	Waivers of Consent or waiver or alteration of PHI
☐	Assent (participants under 18)-written form	☐	Broad Consent for future research
☐	Parental Permission-written form	☐	Protected Health Information (PHI) Authorization-written form
☐	Translated Consent/Assent-written form(s)	☒	Other-Please explain in the space below

Describe in detail the consent processes checked above:

Signatures:

Principal Investigator: _____ Date: 9-23-2014
Printed Name Signature

Other Investigator(s): _____ Date: _____
Printed Name Signature

Other Investigator(s): _____ Date: _____
Printed Name Signature

Student(s) Faculty Supervisor: _____ Date: 9/23/14
Printed Name Signature

Department Chairperson: _____ Date: _____
Printed Name Signature

Department: _____

For Completion by IRB Only

Training Certification: ____ On File for All Investigators ____ On File for Principal Investigator ____ To be Pr

CHECKLIST FOR HUMAN SUBJECTS RESEARCH

Use this checklist when submitting an Expedited or Full Board IRB application to the ASU-IRB.

- ☒ Complete the Biomedical Research training or Social Behavioral & Education Research (SBER)

Note: All research team members MUST fulfill the mandatory training. For guidance, visit the CITI Program website at: [CITI PROGRAM](http://www.alasu.edu/irb) or CITI Training Guidance under ASU-IRB (www.alasu.edu/irb).

ASU IRB APPLICATION FORM

- ☒ Complete the ASU-IRB Application

Human Research application

- ☒ Research Protocol Review Form (All signatures included and all sections completed)
- ☒ CITI Program Coursework Requirement Report for all Key Personnel
- ☒ Consent Form or Information Letter and any Releases (audio, video or photo)
- ☐ IRB Initial Approval Form
- ☐ IRB Renewal Form
- ☐ IRB Final Report Form

Purpose of The Study

Purpose of the Study

My purpose for choosing global warming as my research topic was because if not taken seriously it could cause irreversible damage upon the earth's atmosphere and landmasses. This is a very serious matter that will inevitably affect the next generations to come if not addressed now. I wanted to do research on a topic that would shine a light on humanities destructive nature. What better topic than global warming to show the nation's corrupt characteristics and need for self-gain. From the industrialization period to mining the land masses dry for minerals sources, we are killing our natural resources. I also chose this topic to get more information on how to reverse the negative effects that have offset the balance on earth. If we reduce the number of trees cut down during deforestation, then we will move a step closer to battling global warming.

Subject Population

The Subject Population I will be conducting my research on will be the Arctic and Pacific Ocean.

Experimental Methods and Design

I am using existing data for my research, the websites I will be retrieving my information from is as follows:

https://nsidc.org/cryosphere/arctic-meteorology/climate_change.html

<http://climate.org/submerging-paradise-climate-change-in-the-pacific-islands/>

<https://www.climaterealityproject.org/blog/trouble-paradise-how-does-climate-change-affect-pacific-island-nations>

<https://insideclimatenews.org/news/08042019/arctic-climate-change-temperature-permafrost-sea-ice-wildlife-ecology-study>

Population

A population is a set topic or location that you are currently trying to sample or get information on. This information can result in different results depending on the place that you are sampling. Likewise, the topics can range from gun violence in Chicago to how many children attend church in the suburbs. Neuman (2014) stated population as an idea of getting information based from large sampling groups where generalizations are then

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made. There are different synonyms used for population in research one being it is used interchangeable with universe. Neuman (2014) emphasized the target population being a specific topic that a researcher wants to study.

The population I will be using for my research will be The Arctic and Pacific Ocean. I will be using this population since I am a college student who cannot afford to make trips to the Pacific or Arctic Ocean.

Sampling

The researcher's next step after figuring out his target population is to figure out what type of sampling do; they want to use. Neuman (2014) emphasized the various types of sampling techniques, a few techniques are probability sampling, convenience sampling, and quota sampling. Sampling is described as a small set of facts that a researcher pulls from a larger pool which usually represents the population that was studied. Qualitative and quantitative research has their very own methods of sampling due to the fact one uses words and the other uses numbers. Probability sampling uses a wide array of numbers and mathematic probabilities leading to the quantitative method.

Since I have chosen to go the qualitative route with my research, I will be using the convenience sampling method. The convenience sampling method has two names used to describe the method's viewpoints. Neuman (2014) defined the convenience sampling method as accidental availability and haphazard sampling being it is affordable and easy to come by. The convenience sampling method mainly will be the best choice being I am using existing evidence for my research. While using existing evidence the convenience sampling method will let me easily find and use information. I will not have to go out into the field to get information, while still being in the boundaries of the qualitative method.

Sample

Whereas sampling is pulling topics from a large pool, samples are small cases or data that you will use to do your research that has come from a population. Samples can range from a variety of accurate or inaccurate data. Depending on the methods you use in your studies you could end up getting published or reported for misrepresentation. Neuman (2014) stated that the sample that usually yields the most accurate representation of

the entire population was random samples. A random sample would be a quantitative method due to the fact it is mainly used in probabilities. A simple random sample is used for specific locations or topics and the population that is targeted.

While using existing data I will be referencing different websites to obtain my sampling data. The websites I will be using are as follows:

https://inside.org/cryosphere/arctic-meteorology/climate_change.html

<http://climate.org/submerging-paradise-climate-change-in-the-pacific-islands/>

<https://www.climaterealityproject.org/blog/trouble-paradise-how-does-climate-change-affect-pacific-island-nations>

<https://insideclimatenews.org/news/08042019/arctic-climate-change-temperature-permafrost-sea-ice-wildlife-ecology-study>

Research Questions

My research questions for my topic the effects of Global warming on the Arctic and Pacific Ocean are:

- Is Global warming an ongoing problem in the Arctic and Pacific Ocean?
- How does Global warming effect the Arctic and Pacific Ocean?
- What species of marine life are most effected by Global warming?

Conceptualizations of concepts/variables

Global Warming: The increase of temperature around the globe causing unprecedented changes in the atmosphere and the earth's surface.

Arctic Ocean: The icy water and landscape that surrounds the north pole.

Pacific Ocean: A large area of water ranging from parts of the Arctic ocean to parts of Asia and Australia.

Risks

This research is minimal risk. That means that the risks associated with this study are the same as what you face every day. There are no known additional risks to those who take part in this study.

Precautions

I am using existing data due to this fact my research has no more than minimal risk there are no precautions.

Benefits

There are no benefits to be received if you take part in this study.

Confidentiality

I am using existing data for my research confidentiality is not a concern because there are no names.

Location of Experiment

The location of the experiment being held will be the 1st floor of the Levi Watkins Learning Center and Abercrombie Hall on the campus of Alabama State University.

Duration

The duration of my research will last between September 28, 2019 and end September 28, 2020.

Source of Funds

The researcher will be responsible for any funds needed to satisfy the research requirements.

Consent Form

I will be using existing data thus the consent form is not required. M be

COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI PROGRAM)

COMPLETION REPORT - PART 1 OF 2 COURSEWORK REQUIREMENTS*

* NOTE: Scores on this Requirements Report reflect quiz completions at the time all requirements for the course were met. See list below for details. See separate Transcript Report for more recent quiz scores, including those on optional (supplemental) course elements.

- Name: [REDACTED]
- Institution Affiliation: Alabama State University (ID: 1832)
- Institution Email: [REDACTED]
- Institution Unit: Criminal Justice and Social Science

- Curriculum Group: Social & Behavioral Research - Basic/Refresher
- Course Learner Group: Same as Curriculum Group
- Stage: Stage 1 - Basic Course
- Description: Choose this group to satisfy CITI training requirements for Investigators and staff involved primarily in Social/Behavioral Research with human subjects.

- Record ID: 32773085
- Completion Date: 17-Aug-2019
- Expiration Date: 16-Aug-2022
- Minimum Passing: 80
- Reported Score*: 96

REQUIRED AND ELECTIVE MODULES ONLY

	DATE COMPLETED	SCORE
Belmont Report and Its Principles (ID: 1127)	17-Aug-2019	3/3 (100%)
Alabama State University (ID: 14113)	17-Aug-2019	No Quiz
Students in Research (ID: 1321)	17-Aug-2019	5/5 (100%)
History and Ethical Principles - SBE (ID: 490)	17-Aug-2019	5/5 (100%)
Defining Research with Human Subjects - SBE (ID: 491)	17-Aug-2019	5/5 (100%)
The Federal Regulations - SBE (ID: 502)	17-Aug-2019	5/5 (100%)
Assessing Risk - SBE (ID: 503)	17-Aug-2019	5/5 (100%)
Informed Consent - SBE (ID: 504)	17-Aug-2019	5/5 (100%)
Privacy and Confidentiality - SBE (ID: 505)	17-Aug-2019	5/5 (100%)
Research with Prisoners - SBE (ID: 506)	17-Aug-2019	5/5 (100%)
Research with Children - SBE (ID: 507)	17-Aug-2019	5/5 (100%)
Research in Public Elementary and Secondary Schools - SBE (ID: 508)	17-Aug-2019	5/5 (100%)
International Research - SBE (ID: 509)	17-Aug-2019	5/5 (100%)
Internet-Based Research - SBE (ID: 510)	17-Aug-2019	5/5 (100%)
Research and HIPAA Privacy Protections (ID: 14)	17-Aug-2019	4/5 (80%)
Vulnerable Subjects - Research Involving Workers/Employees (ID: 483)	17-Aug-2019	3/4 (75%)
Conflicts of Interest in Human Subjects Research (ID: 17464)	17-Aug-2019	4/5 (80%)

For this Report to be valid, the learner identified above must have had a valid affiliation with the CITI Program subscribing institution identified above or have been a paid Independent Learner.

Verify at: www.citiprogram.org/verify/7k1f5604ba-388c-4d2a-b7cc-e3b39ed9c4f4-32773085

Collaborative Institutional Training Initiative (CITI Program)

Email: support@citiprogram.org

Phone: 888-529-5929

Web: <https://www.citiprogram.org>

COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI PROGRAM)
COMPLETION REPORT - PART 2 OF 2
COURSEWORK TRANSCRIPT**

** NOTE: Scores on this Transcript Report reflect the most current quiz completions, including quizzes on optional (supplemental) elements of the course. See list below for details. See separate Requirements Report for the reported scores at the time all requirements for the course were met.

- Name: [REDACTED]
- Institution Affiliation: [REDACTED]
- Institution Email: [REDACTED]
- Institution Unit: Criminal Justice and Social Science
- Curriculum Group: Social & Behavioral Research - Basic/Refresher
- Course Learner Group: Same as Curriculum Group
- Stage: Stage 1 - Basic Course
- Description: Choose this group to satisfy CITI training requirements for Investigators and staff involved primarily in Social/Behavioral Research with human subjects.
- Record ID: 32773085
- Report Date: 26-Aug-2019
- Current Score**: 96

REQUIRED, ELECTIVE, AND SUPPLEMENTAL MODULES

Students in Research (ID: 1321)
Alabama State University (ID: 14113)
Defining Research with Human Subjects - SBE (ID: 491)
The Federal Regulations - SBE (ID: 502)
Belmont Report and Its Principles (ID: 1127)
Assessing Risk - SBE (ID: 503)
Informed Consent - SBE (ID: 504)
Privacy and Confidentiality - SBE (ID: 505)
Research with Prisoners - SBE (ID: 506)
Research with Children - SBE (ID: 507)
Research in Public Elementary and Secondary Schools - SBE (ID: 508)
International Research - SBE (ID: 509)
Research and HIPAA Privacy Protections (ID: 14)
Internet-Based Research - SBE (ID: 510)
History and Ethical Principles - SBE (ID: 490)
Vulnerable Subjects - Research Involving Workers/Employees (ID: 483)
Conflicts of Interest in Human Subjects Research (ID: 17464)

MOST RECENT	SCORE
17-Aug-2019	5/5 (100%)
17-Aug-2019	No Quiz
17-Aug-2019	5/5 (100%)
17-Aug-2019	5/5 (100%)
17-Aug-2019	3/3 (100%)
17-Aug-2019	5/5 (100%)
17-Aug-2019	5/5 (100%)
17-Aug-2019	5/5 (100%)
17-Aug-2019	5/5 (100%)
17-Aug-2019	5/5 (100%)
17-Aug-2019	5/5 (100%)
17-Aug-2019	4/5 (80%)
17-Aug-2019	5/5 (100%)
17-Aug-2019	5/5 (100%)
17-Aug-2019	3/4 (75%)
17-Aug-2019	4/5 (80%)

For this Report to be valid, the learner identified above must have had a valid affiliation with the CITI Program subscribing institution identified above or have been a paid Independent Learner.

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COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI PROGRAM)

COMPLETION REPORT - PART 2 OF 2 COURSEWORK TRANSCRIPT**

** NOTE: Scores on this Transcript Report reflect the most current quiz completions, including quizzes on optional (supplemental) elements of the course. See list below for details. See separate Requirements Report for the reported scores at the time all requirements for the course were met.

- Name: [REDACTED]
- Institution Affiliation: Alabama State University
- Institution Email: [REDACTED]@asu.edu
- Institution Unit: Criminal Justice and Social Science

- Curriculum Group: Social and Behavioral Responsible Conduct of Research
- Course Learner Group: Same as Curriculum Group
- Stage: Stage 1 - RCR
- Description: This course is for investigators, staff and students with an interest or focus in **Social and Behavioral** research. This course contains text, embedded case studies AND quizzes.

- Record ID: 32773086
- Report Date: 26-Aug-2019
- Current Score**: 96

REQUIRED, ELECTIVE, AND SUPPLEMENTAL MODULES

	MOST RECENT	SCORE
Using Animal Subjects in Research (RCR-Basic) (ID: 13301)	18-Aug-2019	5/5 (100%)
Research Involving Human Subjects (RCR-Basic) (ID: 13566)	18-Aug-2019	4/5 (80%)
Authorship (RCR-Basic) (ID: 16597)	17-Aug-2019	5/5 (100%)
Collaborative Research (RCR-Basic) (ID: 16598)	18-Aug-2019	5/5 (100%)
Conflicts of Interest (RCR-Basic) (ID: 16599)	18-Aug-2019	5/5 (100%)
Data Management (RCR-Basic) (ID: 16600)	17-Aug-2019	5/5 (100%)
Mentoring (RCR-Basic) (ID: 16602)	17-Aug-2019	5/5 (100%)
Peer Review (RCR-Basic) (ID: 16603)	17-Aug-2019	5/5 (100%)
Research Misconduct (RCR-Basic) (ID: 16604)	17-Aug-2019	4/5 (80%)

For this Report to be valid, the learner identified above must have had a valid affiliation with the CITI Program subscribing Institution identified above or have been a paid Independent Learner.

Verify at: www.citiprogram.org/verify/7k8cd2ce42-f687-4a22-ac24-a8b43d863801-32773086

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COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI PROGRAM)

COMPLETION REPORT - PART 1 OF 2

COURSEWORK REQUIREMENTS*

* NOTE: Scores on this Requirements Report reflect quiz completions at the time all requirements for the course were met. See list below for details. See separate Transcript Report for more recent quiz scores, including those on optional (supplemental) course elements.

- Name: [REDACTED]
- Institution Affiliation: Alabama State University (ID: 1612)
- Institution Email: [REDACTED]
- Institution Unit: Criminal Justice and Social Science

- Curriculum Group: Social and Behavioral Responsible Conduct of Research
- Course Learner Group: Same as Curriculum Group
- Stage: Stage 1 - RCR
- Description: This course is for investigators, staff and students with an interest or focus in Social and Behavioral research. This course contains text, embedded case studies AND quizzes.

- Record ID: 32773086
- Completion Date: 18-Aug-2019
- Expiration Date: N/A
- Minimum Passing: 80
- Reported Score*: 96

REQUIRED AND ELECTIVE MODULES ONLY

	DATE COMPLETED	SCORE
Research Misconduct (RCR-Basic) (ID: 16604)	17-Aug-2019	4/5 (80%)
Data Management (RCR-Basic) (ID: 16600)	17-Aug-2019	5/5 (100%)
Authorship (RCR-Basic) (ID: 16597)	17-Aug-2019	5/5 (100%)
Peer Review (RCR-Basic) (ID: 16603)	17-Aug-2019	5/5 (100%)
Mentoring (RCR-Basic) (ID: 16602)	17-Aug-2019	5/5 (100%)
Using Animal Subjects in Research (RCR-Basic) (ID: 13301)	18-Aug-2019	5/5 (100%)
Conflicts of Interest (RCR-Basic) (ID: 16599)	18-Aug-2019	5/5 (100%)
Collaborative Research (RCR-Basic) (ID: 16598)	18-Aug-2019	5/5 (100%)
Research Involving Human Subjects (RCR-Basic) (ID: 13566)	18-Aug-2019	4/5 (80%)

For this Report to be valid, the learner identified above must have had a valid affiliation with the CITI Program subscribing institution identified above or have been a paid Independent Learner.

Verify at: www.citiprogram.org/verify/?k8cd2ce42-f687-4a22-ac24-a8b43d863801-32773086

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