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研究課題名(和文) American Hibakusha: Radiation Affected Communities Inside of the United States of America
研究課題名(英文) American Hibakusha: Radiation Affected Communities Inside of the United States of America
研究代表者
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研究成果の概要(和文)：During this last year I conducted field research at multiple sites affected by radiation inside the United States, and also conducted extensive archival research at multiple archives at universities and government institutions. I also met with experts on issues related to my research field.

研究成果の学術的意義や社会的意義

My research documents how nuclear weaponry and technology has caused harm to American citizens. This harm comes in the form of sickness and early mortality, as well as the long-term contamination of multiple sites across the country.

研究成果の概要(英文)：During this last year I conducted field research at multiple sites affected by radiation inside the United States, and also conducted extensive archival research at multiple archives at universities and government institutions. I also met with experts on issues related to my research field.

研究分野：History of science and technology

キーワード：hibakusha global hibakusha nuclear testing nuclear accident nuclear production radiation
American hibakusha Manhattan Project

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1 . 研究開始当初の背景

This study builds on my previous work on the global hibakusha, which was published in my book, *Nuclear Bodies: The Global Hibakusha* (Yale University Press, 2022). I have been studying the health and environmental impacts of nuclear technologies around the world for several decades. This preparation has involved archival work, ethnographic oral history interviews, and field research in contaminate ecosystems.

I have published extensively in many countries on this research, and conducted field work in more than 20 countries on their history of radiological contamination. There is a Japanese translation of my Yale book on global hibakusha being prepared by Nagoya University Press for publication in the spring of 2025.

2 . 研究の目的

The purpose of this study is to make a comprehensive work on the locations of radiological contamination and harm inside the United States. American citizens tend to think of the US as benefiting from nuclear weapons and technologies, and using them for security. This includes their use of nuclear weapons in Japan in 1945, and their large-scale production and deployment during the Cold War. Americans think that they “won” the Cold War with nuclear weapons. This study seeks to complicate this narrative by specifically examining how millions of American citizens have been directly harmed by the manufacture, testing, deployment and legacy waste of nuclear weapons. It works to help Americans to understand themselves as having been victimized by nuclear weapons rather than protected by them.

A revisioning of the impacts of this history on Americans themselves may have a role in shifting public perceptions and support for ongoing deployment of nuclear weaponry, and may help to catalyze United States participation in the Treaty on the Prohibition of Nuclear Weapons in the United Nations, of which the United States is currently not even attending any meetings to learn about.

3 . 研究の方法

I will conduct archival research in government and university archives and libraries in the United States on the history of nuclear production, testing and accidents. This will include the National Archives of the United States in their central location in Washington DC, as well as National Archive regional offices in regions of Defense Department nuclear installations. I will also visit archives of oral histories gathered in areas such as various universities around the Nevada Test Site, the Hanford Works, and Rocky Flats.

I will conduct site visits to locations of radiological contamination, and gather oral history testimonies from those living in affected communities. These will include Manhattan Project sites such as Los Alamos, Hanford, Oak Ridge and various production sites. Uranium mines and processing sites. I will also visit Cold War nuclear production sites such as bomb assembly plants such as Rocky Flats. I will specifically visit sites used as dumping sites by uranium enrichment and refining processes, such as near St. Louis, Missouri, and sites of nuclear meltdowns such as Santa Susana in Simi Valley, near Los Angeles. Additionally I will visit nuclear waste storage sites in multiple states.

4 . 研究成果

I will assemble the findings of this research into a comprehensive examination of where, when and how places in the United States have become contaminated from nuclear technologies. This will include locations contaminated by the Manhattan Project, the Cold War buildup of nuclear weaponry, and the post-Cold War modernization of nuclear weaponry and impacts of legacy waste sites. This will be presented in a structure based on the nuclear fuel cycle, tracing impacts through the steps of production, testing, deployment and waste.

5. 主な発表論文等

〔雑誌論文〕 計0件

〔学会発表〕 計8件（うち招待講演 6件 / うち国際学会 3件）

1. 発表者名 Robert Jacobs
2. 発表標題 Nuclear fieldwork in the Global Hibakusha Project
3. 学会等名 Ethics & Ethnography in Nuclear History (招待講演)
4. 発表年 2022年

1. 発表者名 Robert Jacobs
2. 発表標題 The Pacific Ocean as a radioactive fallout sink during the Cold War
3. 学会等名 American Society of Environmental History (国際学会)
4. 発表年 2022年

1. 発表者名 Robert Jacobs
2. 発表標題 The passive-aggressive atom: can nuclear reactors be “peaceful”?
3. 学会等名 Hiroshima-Nagasaki-Fukushima: Articulations of the Nuclear. The Case of Japan (招待講演)
4. 発表年 2022年

1. 発表者名 Robert Jacobs
2. 発表標題 The global hibakusha
3. 学会等名 Hearing voices from Hiroshima: nuclear weapons, war and peace (招待講演)
4. 発表年 2022年

1. 発表者名 Robert Jacobs
2. 発表標題 When is a nuclear test actually an attack?: Cold War thermonuclear testing and downwind fallout clouds
3. 学会等名 Society for the History of Technology (国際学会)
4. 発表年 2022年

1. 発表者名 Robert Jacobs
2. 発表標題 The history of military thought about radioactive fallout as an intentional weapon effect in warfare
3. 学会等名 British Nuclear Test Veterans Association (招待講演)
4. 発表年 2021年

1. 発表者名 Robert Jacobs
2. 発表標題 Nuclear memory effects: remembering Hiroshima and forgetting Fukushima
3. 学会等名 Troubling Anniversaries (招待講演) (国際学会)
4. 発表年 2021年

1. 発表者名 Robert Jacobs
2. 発表標題 Greenwashing plutonium: transforming US nuclear weapon legacy sites into nature preserves
3. 学会等名 Hiroshima, America, and Nuclear Legacies (招待講演)
4. 発表年 2021年

〔図書〕 計1件

1. 著者名 Robert Jacobs	4. 発行年 2022年
2. 出版社 Yale University Press	5. 総ページ数 344
3. 書名 Nuclear bodies: the global hibakusha	

〔産業財産権〕

〔その他〕

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6. 研究組織

氏名 (ローマ字氏名) (研究者番号)	所属研究機関・部局・職 (機関番号)	備考
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7. 科研費を使用して開催した国際研究集会

〔国際研究集会〕 計0件

8. 本研究に関連して実施した国際共同研究の実施状況

共同研究相手国	相手方研究機関
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