JOSH GREEN, M.D. GOVERNOR I KE KIA'ĂINA

SYLVIA LUKE LIEUTENANT GOVERNOR | KA HOPE KIA'ÄINA





STATE OF HAWAI'I | KA MOKU'ĀINA 'O HAWAI'I DEPARTMENT OF LAND AND NATURAL RESOURCES KA 'OIHANA KUMUWAIWAI 'ĀINA

> P.O. BOX 621 HONOLULU, HAWAII 96809

Testimony of DAWN N. S. CHANG Chairperson

Before the Senate Committee on WAYS AND MEANS

Wednesday, February 22, 2023 10:00 AM State Capitol, Conference Room 211

In consideration of SENATE BILL 419 RELATING TO CARBON SEQUESTRATION

Senate Bill 419 proposes to appropriate funds for the Hawai'i Carbon Smart Land Management Assistance Pilot Program. The Department of Land and Natural Resources (Department) supports this measure provided that its passage does not replace or adversely impact priorities indicated in the Executive Budget request.

The Department applauds the proposed funding for the Hawai'i Carbon Smart Land Management Assistance Pilot Program that would allow small farmers, ranchers, foresters, and landowners/lessees to be compensated for taking measures to help Hawai'i reach its climate readiness goals. The State of Hawai'i has committed to achieving a zero emissions clean economy with carbon neutrality by 2045. To meet this commitment, the State must invest in reducing emissions of carbon dioxide and methane, and mitigating the effects of past emissions. Investing in carbon-positive land management actions such as tree planting, improved native forest management, soil carbon sequestration, and/or techniques for carbon-friendly food production will reduce our carbon footprint.

Mahalo for the opportunity to provide testimony in support of this measure.

DAWN N.S. CHANG CHAIRPERSON BOARD OF LAND AND NATURAL RESOURCES COMMISSION ON WATER RESOURCE MANAGEMENT

> LAURA H.E. KAAKUA FIRST DEPUTY

M. KALEO MANUEL DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES BOATING AND OCEAN RECREATION BUREAU OF CONVEYANCES COMMISSION ON WATER RESOURCE MANAGEMENT CONSERVATION AND COASTAL LANDS CONSERVATION AND RESOURCES ENFORCEMENT ENFORCEMENT FORESTRY AND WILDLIFE HISTORIC PRESERVATION KAHOOLAWE ISLAND RESERVE COMMISSION LAND STATE PARKS



STATE OF HAWAI'I

HAWAI'I CLIMATE CHANGE MITIGATION & ADAPTATION COMMISSION

POST OFFICE BOX 621

HONOLULU, HAWAII 96809

Co-Chairs: Chair, DLNR Director, OPSD

Commissioners: Chair, Senate AEN Chair, Senate WTL Chair, House EEP Chair, House WAL Chairperson, DTA Chairperson, DCA CEO, OHA Chairperson, DH Director, DBEDT Director, DBEDT Director, DOH Chairperson, DOE Director, C+C DPP Director, Hawai'I DP Director, Hawai'I DP Director, Kaua'I DP The Adjutant General Manager, CZM

Testimony of Manager, CZM Leah Laramee Coordinator, Hawai'i Climate Change Mitigation and Adaptation Commission

Before the Senate Committees on WAYS AND MEANS

Friday, February 22, 2023 10:00 AM State Capitol, Via Videoconference, Conference Room 211

In support of Senate Bill 419 RELATING TO CARBON SEQUESTRATION

Senate Bill 419 appropriates funds for the Hawai'i carbon smart land management assistance pilot program. The Hawai'i Climate Change Mitigation and Adaptation Commission (Commission) <u>supports</u> this measure, and offers the following comments.

The State of Hawai'i's commitment to uphold the Paris Climate Accord and progressively move towards zero emissions clean economy by 2045 requires that we actively invest in reducing our emissions and mitigate greenhouse gases (primarily carbon dioxide - CO2). Regenerative agriculture, forests, wetlands, and our nearshore waters and reefs serve as the State's only carbon sinks, removing carbon from the atmosphere. Investing in carbon positive actions such as afforestation, reforestation, soil carbon sequestration, local organic plant food production, restoring native wetland ecosystems, and protection of threatened wetlands, forests, regenerative agricultural lands, and coastlines are effective ways to mitigate our carbon footprint.

The Commission recognizes that small land managers play a significant role in managing natural and working lands but often operate on small profit margins. Providing incentives to land managers will allow them to make changes on their lands to increase carbon sequestration and improve healthy soils to help the state meet food security and carbon emission goals. Additional funding for the State's watershed partnership program that provides landscape-level, cross-boundary forest protection and restoration is also essential to significantly accelerate carbon sequestration rates.

In collaboration with the US Climate Alliance and the Hawai'i Natural and Working Lands Research Team the Commission has been able to support efforts to bring \$40,000,000 to the state through USDA's Climate Smart Commodities grant which will work in tandem with this program to provide to increase local food production while meeting Hawai'i's 2045 carbon emission goals. The addition of funding to this program will help to leverage federal dollars to expand climate smart practices throughout the state and support land managers in the production of climate smart commodities.

Mahalo for the opportunity to testify in support of this measure.

<u>SB-419</u> Submitted on: 2/16/2023 4:06:36 PM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
William W. Steiner	Testifying for Pacific Agricultural Land Management Systems	Support	Written Testimony Only

Comments:

Aloha Chairman Gabbard, Vice-Chair Richards and Committee members:

I represent Hawaii Oil Seed Producers, a 501(c)(5) agricultural cooperative seeking to build a vegetable oil industry in Hawaii. In a proof-of-concept study, we have about 40 acres of oil palms producing an average of 610 gallons of oil/acre on the Big Island.

We believe an industry based on hybrid oil palm orchards integrated with shade tolerant vegetable crops and sheep and cattle as is practiced in some South American and Indonesian palm orchards will provide strong food and oil resilience for the future. Some 40% or more of Hawaii's agricultural lands are available for developing integrated palm orchards. More can be grown on small landholder plots. Oil palms are proven to produce 10-fold the vegetable oil/acre than soybeans do in the American Midwest. Further, the oil can be used in developing new industries and jobs in biofuels, edible oils, bioplastics, biofibers, cosmetics and pharmaceuticals with the wastes used in making compost and animal feed or composted into ethanol. Such a vegetable oil source in Hawaii can build a very sustainable circular bioeconomy in the mid Pacific while reducing shipping costs and imports across a wide range of goods. SB420 SD1 will provide a framework within which a circular bioeconomy can be developed.

We plan to sequester carbon via biochar and palm tree growth in planting the hybrid oil palms. Different studies in the Philippines, Indonesia, Malaysia and South America all demonstrate a huge carbon storage capacity by oil palm which is seven times that of pastureland. This would generate a huge potential for the carbon credit market to offset tourism.

With this vision we support a biochar sequestrarion system and have plans tro build our own biochar kilns. We believe this would benefit all of Hawaii food production systems, not just vegetable oil. Please vote in favor of this bill.

William Moekahi Steiner, Ph.D. General Manager, HOSPRO



The Nature Conservancy, Hawaiʻi and Palmyra 923 Nuʻuanu Avenue Honolulu, HI 96817 Tel (808) 537-4508 Fax (808) 545-2019 nature.org/HawaiiPalmyra

Testimony of The Nature Conservancy Supporting SB 419, Relating to Carbon Sequestration.

Committee on Ways and Means February 22, 2023, 10:00 am Conference Room 211 and via Videoconference

Aloha Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee:

The Nature Conservancy (TNC) supports SB 419, Relating to Carbon Sequestration, which would appropriate funds for the Hawai'i carbon smart land management assistance pilot program.

The Hawai'i carbon smart land management assistance pilot program is vital to support our local producers and reach a carbon neutral clean economy by 2045. Agriculture, forests, and other land uses (AFOLU) are currently the State's only carbon sink. Actively investing in carbon positive actions such as restoring forests through tree planting, forest protection, and improved management, soil carbon sequestration, improved pasture management, and local organic plant food production are the most effective and efficient ways to mitigate our carbon footprint. Funding this program will help small land managers employ healthy soil and carbon smart practices to sequester additional carbon on natural and working lands.

TNC also supports ensuring that the Department of Land and Natural Resources has funding and personnel to support the successful establishment of the carbon smart land management assistance pilot program.

Carbon smart practices will not only sequester carbon but improve soil health, protecting agriculture into the future; increase the amount of water that filters into our aquifers; reduce erosion, protecting our reefs from sedimentation and stress; and support our local producers and growers.

Mahalo for the opportunity to provide testimony supporting SB 419.

The Nature Conservancy of Hawai'i and Palmyra is a non-profit organization dedicated to the preservation of the lands and waters upon which all life depends. The Conservancy has helped protect more than 200,000 acres of natural lands in Hawai'i and Palmyra Atoll. We manage 40,000 acres in 13 nature preserves and work in over 50 coastal communities to help protect and restore the nearshore reefs and fisheries of the main Hawaiian Islands. We forge partnerships with government, private parties, and communities to people.

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<u>SB-419</u> Submitted on: 2/18/2023 8:57:27 PM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
laurel brier	Testifying for Kauai Climate Action Coalition	Support	Written Testimony Only

Comments:

Good legislation to support sustainable agriculture and climate action. Now it's time to fund it. Strong support



P.O. Box 253, Kunia, Hawai'i 96759 Phone: (808) 848-2074; Fax: (808) 848-1921 e-mail info@hfbf.org; www.hfbf.org

February 22, 2023

HEARING BEFORE THE SENATE COMMITTEE ON WAYS AND MEANS

TESTIMONY ON SB 419 RELATING TO CARBON SEQUESTRATION

Conference Room 211 & Videoconference 10:00 AM

Aloha Chair Dela Cruz, Vice-Chair Keith-Agaran, and Members of the Committee:

I am Brian Miyamoto, Executive Director of the Hawai'i Farm Bureau (HFB). Organized since 1948, the HFB is comprised of 1,800 farm family members statewide and serves as Hawai'i's voice of agriculture to protect, advocate and advance the social, economic, and educational interests of our diverse agricultural community.

The Hawai'i Farm Bureau supports SB 419, which appropriates funds for the Hawaii carbon smart land management assistance pilot program to incentivize carbon sequestration activities through incentive contracts that provide compensation for eligible practices by program participants.

- Agricultural lands and operations already have a significant role in sequestering carbon. The program hopes to promote additional sequestration through the voluntary participation of landowners/lessees of agricultural land who would be compensated to undertake certain stipulated practices. It will be particularly important that these practices are science and evidence-based and that participation in the program makes agronomic and economic sense.
- The program highlights the need for State agricultural leases to be transferred from the DLNR (where they are relatively short-term, and otherwise less supportive leases or revocable permits) to the DOA where appropriate lease terms allow long-term planning, investments, and participation in forward-thinking beneficial programs such as this one.

Thank you for the opportunity to provide our comments and thank you for your continued support of Hawai'i's agricultural community.

<u>SB-419</u> Submitted on: 2/20/2023 9:25:24 AM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Cara Oba	Testifying for HECA Carbon Sequestration Task Force	Support	Written Testimony Only

Comments:

Aloha Kakou Chair Dela Cruz and Members of the House Ways and Means Committee,

Last year, the Hawaii Environmental Change Agents (HECA) Carbon Sequestration Task Force strongly supported bill SB3325 SD2 HD1 CD1 which established the Hawai'i Carbon Smart Land Management Assistance Pilot Program. The program established a holistic, distributed, grassroots approach to climate action that supports carbon sequestration land management activities throughout our community. It provided opportunities for a variety of land uses that can improve our food and water security as well as ecosystem and biodiversity protection. The program aims to be accessible as there are no restrictions on the scale of landholdings and is open to a variety of land managers — public or private, owners and lessees. This benefits all of us. Funding this program is critical if we want to shift our land use behaviors towards a regenerative future.

We need to start as soon as possible. Until we have the program underway, we will not be able to truly evaluate and plan to increase our natural carbon sequestration capabilities. Change will not happen overnight. Our landowners require the time to plan and prepare their lands for these changes. Natural, biological sequestration processes take time as plants root, shoots grow, and soil microbes and biomes recover. The longer we wait, the less time we spend developing our collective skills and delay the reaching of our carbon sequestration potential. Our islands are currently a carbon sink but it's capabilities are expected to decline with increased development and the threats of climate change such as drought, wildfire, and sea level rise. Smart land use management is increasingly important in our fight against climate change. We strongly support SB419 and the funding of the Hawai'i Carbon Smart Land Management Assistance Pilot Program.

Mahalo, Cara Oba HECA Carbon Sequestration Task Force

<u>SB-419</u> Submitted on: 2/20/2023 9:38:20 AM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
John Latkiewicz	Testifying for Capture the Carbon	Support	Written Testimony Only

Comments:

The climate crisis is upon us – a warming climate, epic natural disasters, e., fires, floods, heat waves, extinctions. At this point, any and all action to curb greenhouse emissions in particular and gases .

It is in that spirit that offer my (as the facilitator of Capture the Carbon) testimony on SB419. Appropriates funds for the Hawai'i carbon smart land management assistance pilot program. Again, a step in thew right direction.

HAWAI'I FOREST INDUSTRY ASSOCIATION (HFIA)



Date: 02/20/2023

TO: WAM Chair Dela Cruz, WAM Vice Chair Keith-Agaran and WAM Committee Members

FROM: the Hawai'i Forest Industry Association (HFIA)

SUBJECT: In Support of SB419 Relating to Carbon Sequestration

Dear Chair Dela Cruz and Committee Members,

On behalf of the Directors and members of the Hawai'i Forest Industry Association (HFIA), please support SB419 Relating to Carbon Sequestration.

HFIA is made up of individuals, small businesses and corporations throughout the state of Hawai'i with an array of professional expertise. Twenty percent of our membership consists of landowners, land managers, conservationists, field laborers, tree planters, or others in "green" professions. These members regularly participate in restoration/conservation, and therefore carbon sequestration, efforts on their properties or as a part of their employment, on a variety of scales. Residents across the state are engaging in similar work and compensation for such work would not only be appreciated but would also help those residents to continue to do the good work they are doing as well as incentivize others to do the same.

A joint effort of managing our forest and agricultural lands, between public and private parties, is much needed and the Hawaii Carbon Smart Land Management Assistance Pilot Program is movement in the right direction. Please support SB419.

Mahalo for your time and consideration,

Juy Cellier

Guy Cellier, Acting President Hawaii Forest Industry Association

Established in 1989, HFIA's is a nonprofit organization founded by people committed to sustainable forest management. HFIA's mission is to promote healthy and productive forests and a sustainable forest industry through management, education, planning, information exchange, and advocacy. HFIA has over 120 members including woodworkers, landowners, sawyers, foundations, foresters, growers, educators, environmentalists, architects, millers, ranchers, and others interested in HFIA's mission and goals.

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Vincent Kimura Honolulu, Oʻahu

> Ray Maki Kauai



Aloha Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Senate Ways and Means Committee,

The Hawaii Farmers Union United (HFUU) is a 501(c)(5) agricultural advocacy nonprofit representing a network of over 2,500 family farmers and their supporters across the Hawaiian Islands. **HFUU supports SB419.**

HFUU views SB419 as an essential step forward in combating the effects of climate change and creating a cleaner and healthier environment for our state.

This bill would provide much needed financial assistance for Hawaii's farmers to practice carbon smart land management. This resource will be invaluable in helping farmers implement more sustainable farming practices, growing healthier crops and reducing their environmental impact. This partnership between the state and agricultural producers is essential if we wish to improve our sustainability practices and reduce our carbon dioxide emissions. By providing the resources necessary to implement carbon smart land management, we can start to address the climate crisis our state and our planet are facing.

Mahalo for the opportunity to testify.

Kaipo Kekona, President HFUU/HFUF

Kend S.K. Kebine



21 February 2023

To: Chair Dela Cruz, Vice Chair Keith-Agaran, and the Senate Committee on Ways and Means

Re: SB419, RELATING TO CARBON SEQUESTRATION

I, Kahealani Acosta, testify IN SUPPORT of SB419, relating to carbon sequestration.

This bill would appropriate funds for the Hawai'i carbon smart land management assistance pilot program, becoming a primary step in addressing climate related concerns through encouraging better land management practices which help to reduce carbon emissions. This would promote keeping forests and farmlands intact, through incentivizing those actions that help to improve soil quality and those that help to sequester carbon and allow small farmers, ranchers, foresters, and landowners to be compensated for the valuable role they play in helping us reach our climate readiness goals.

Additionally, developing a program such as the one supported by this bill could lead to innovation in carbon capture and developing carbon products composed of graphene. <u>Graphene</u> is a one-atom-thick sheet of carbon atoms arranged in a honeycomb-like pattern. Graphene is considered to be the world's thinnest, strongest and most conductive material - of both electricity and heat. All of these properties are exciting researchers and businesses around the world - as graphene has the potential to revolutionize entire industries - in the fields of electricity, conductivity, energy generation, batteries, sensors and more.

I urge the senate committee on Ways and Means to SUPPORT SB419.

Mahalo, Kahealani Acosta & the Food+Policy Team #fixourfoodsystem

The Food+ Policy internship develops student advocates who learn work skills while increasing civic engagement to become emerging leaders. We focus on good food systems policy because we see the importance and potential of the food system in combating climate change and increasing the health, equity, and resiliency of Hawai'i communities.

In 2023, the cohort of interns are undergraduate and graduate students from throughout the UH System. They are a mix of traditional and nontraditional students, including parents and veterans, who have backgrounds in education, farming, public health, nutrition, and Hawaiian culture.



COMMITTEE ON WAYS AND MEANS Senator Donovan M. Dela Cruz, Chair Senator Gilbert S.C. Keith-Agaran, Vice Chair

<u>SB419</u>

RELATING TO CARBON SEQUESTRATION

Wednesday, February 22, 2023, 10:00 AM Conference Room 415 & Videoconference

Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee,

The Hawaii Cattlemen's Council (HCC) is the Statewide umbrella organization comprised of the four countylevel Cattlemen's Associations. Our member ranchers represent over 60,000 head of beef cows; more than 75% of all the beef cows in the State. Ranchers are the stewards of over 750 thousand acres of land in Hawaii, or 20% of the State's total land mass. We represent the interests of Hawaii's cattle producers.

The Hawaii Cattlemen's Council **supports SB419** which appropriates funds for the Hawaii carbon smart land management assistance pilot program.

We appreciate the legislature's acknowledgement that both forestry and regenerative agriculture can contribute to carbon sequestration and be a solution to curbing the detrimental impacts of climate change. These impacts, such as extreme weather, drought, sea level rise, are already affecting the state.. We are learning more about the positive outcomes that well-managed rangelands can provide, including carbon sequestration and increased soil health, among others. Ranchers have the capacity, knowledge, and proven track record to maintain large land areas, thereby managing the rangelands and deriving ecosystem benefits. The Hawaii Cattlemen's Council is part of the Partnership for Climate Smart Commodities grant project, which aims at learning more about the outcomes that come from climate smart practices and provide technical support and funding to help producers implement practices.

We do comment that these incentives would apply to both private land owners as well as those who lease State owned lands. Therefore, in order to apply these practices, long term leases are necessary. The investment in the practices and monitoring do not happen over a short time period, but instead are realized over the years. This is one of the key reasons the Hawaii Cattlemen's Council advocates for agricultural leases to be transferred from the Department of Land and Natural Resources (where leases are often on revocable permits) to the Department of Agriculture where appropriate lease are given for long-term planning of agricultural operations, and aid in encouraging investment into other climate smart practices.

We appreciate the opportunity to testify on this measure.

Nicole Galase Hawaii Cattlemen's Council



P.O. Box 934 • Hilo, HI 96721 • (808) 333-6755 • www.hicattle.org • office@hicattle.org

<u>SB-419</u> Submitted on: 2/16/2023 4:03:17 PM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Caroline Azelski	Individual	Support	Written Testimony Only

Comments:

In support. Thank you.

<u>SB-419</u> Submitted on: 2/16/2023 5:56:14 PM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Douglas Perrine	Individual	Support	Written Testimony Only

Comments:

Our smart land management program can't work without the funding that SB419 provides.

<u>SB-419</u> Submitted on: 2/16/2023 8:31:45 PM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Victor K. Ramos	Individual	Oppose	Written Testimony Only

Comments:

OPPOSE: Why should tax payers fund this?

<u>SB-419</u> Submitted on: 2/17/2023 6:05:26 PM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Gerard Silva	Individual	Oppose	Written Testimony Only

Comments:

This is all Bull Shit!!!!

<u>SB-419</u> Submitted on: 2/18/2023 4:01:50 PM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Noel Morin	Individual	Support	Written Testimony Only

Comments:

Dear Chair Dela Cruz, Vice Chair Keith-Agaran, and Committee members,

I SUPPORT SB 419.

Sincerely,

Noel Morin Climate, Sustainability, and Resilience Advocate

Hilo

<u>SB-419</u> Submitted on: 2/18/2023 5:32:36 PM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Jennifer Sonneborn	Individual	Support	Written Testimony Only

Comments:

Dear Chair, Vice-Chair and Committee:

Please fund this helpful pilot program. We need to build momentum for a better future now. I would love to help the planet from my small holding in lower Puna, but I'm not sure exactly how to do it. Carbon sequestering, for example, seems complicated and difficult to monitor. Encouraging small farmers like myself to look at creative sustainable land management practices will build resiliency and perhaps even help Hawaii surpass it's climate readiness goals.

Thank you,

Jennifer Sonneborn

<u>SB-419</u> Submitted on: 2/19/2023 11:58:23 AM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Melissa Barker	Individual	Support	Written Testimony Only

Comments:

Honorable Members,

I respectfully ask that you support SB149, the Carbon Smart Land Management Assistance Pilot Program.

Thank you for your attention and consideration.

Melissa Barker

Kapaa, HI

<u>SB-419</u> Submitted on: 2/20/2023 3:45:39 PM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Dylan Ramos	Individual	Support	Written Testimony Only

Comments:

Aloha,

I am testifying in support of SB419. While I am usually more wary of programs that give out taxpayer money to some of this program's potential beneficiaries, I understand that we need all hands on deck when it comes to addressing the climate crisis and Hawai'i's sustainability needs.

Mahalo,

Dylan Ramos

96816

<u>SB-419</u> Submitted on: 2/21/2023 7:56:02 AM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
robert brower	Individual	Support	Written Testimony Only

Comments:

strong support

<u>SB-419</u> Submitted on: 2/21/2023 9:06:08 AM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Virginia Tincher	Individual	Support	Written Testimony Only

Comments:

Members of the Ways and Means Committee,

Mahalo for this opportunity to testify.

SB419 supports a win-win opportunity for Hawaii. It's a win for farmers who, according to studies, will benefit from improved land management. A win for the climate through greater and longer lasting absorption of carbon.

At this point in the history of land over and inappropriate use and climate change we are at a point where change is necessary. I've watched farm webinars and read enough to know that farmers want better land management but it takes time, training and money and they have little of those. This pilot program is an opportunity to help land owners be part of the future of a healthy environment in Hawaii - legacy they can pass on to the next generation.

I urge you to pass SB419.

Mahalo,

Virginia Tincher

Aina Haina, Oahu

<u>SB-419</u> Submitted on: 2/21/2023 9:32:13 AM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Paul Bernstein	Individual	Support	Written Testimony Only

Comments:

Aloha Chair Dela Cruz and Members of WAM:

I'm writing in strong support of SB419. Carbon sequestration is critical to both local and global efforts to bring down net greenhouse gas emissions. We need to do our part and manage our land responsibly. Please pass this bill out of your committee.

Respectfully,

Paul Bernstein



<u>SB-419</u> Submitted on: 2/22/2023 7:07:10 AM Testimony for WAM on 2/22/2023 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Nancy Romaine	Individual	Support	Written Testimony Only

Comments:

Aloha,

A pilot program to assist with land management decisions seems essential moving forward with enhancing/mobilizing carbon sequestration.

Please support this bill.

Mahalo,

Nancy Romaine