

CITY COUNCIL
REFERRAL APPEAL FORM

DATE: September 8, 2022

TO: COUNCIL CHAIR
FROM: Carol Fukunaga
COMMITTEE CHAIR

BILL/RESOLUTION/COMMUNICATION AND SUBJECT:

RESOLUTION 22-210 – Confirming the appointment of Mr. Bradley Romine to serve on the Climate Change Commission of the City and County of Honolulu for a term to expire on June 30, 2025. (Transmitted by Communication MM 142) (Public hearing held 9/7/22)

STATUS (Reading/PH):

Introduced - August 24, 2022 (TW)(br); Public hearing held - September 7, 2022.

**CURRENTLY REFERRED TO
COMMITTEE(S):**

Public Infrastructure and Technology

☒ **DESIRED COMMITTEE(S)
RE-REFERRED TO:**

Transportation, Sustainability and Health

OR

☐ **DIRECT REFERRAL TO COUNCIL
FLOOR**

Reason(s) for Appeal:

By request of TSH Chair.

Carol Fukunaga
Committee Chair (Requestor)

Committee Chair

Tony Waters
Council Chair

9/12/2022
Date

Granted ☒
Denied ☐

cc: Councilmembers
City Clerk
Council Assistance



RESOLUTION

CONFIRMING THE APPOINTMENT OF MR. BRADLEY ROMINE TO SERVE ON THE CLIMATE CHANGE COMMISSION OF THE CITY AND COUNTY OF HONOLULU.

WHEREAS, Section 6-107(h), Revised Charter of the City and County of Honolulu, 1973 ("RCH"), as amended, establishes a Climate Change Commission consisting of five members appointed by the Mayor and confirmed by the Council; and

WHEREAS, Section 6-107(h), RCH, sets forth the duties of the Climate Change Commission; and

WHEREAS, by Mayor's letter, dated August 18, 2022, the Mayor has appointed Mr. Bradley Romine to the Climate Change Commission; and

WHEREAS, if confirmed by the Council, Mr. Romine will replace Dr. Fletcher and serve for a term to expire on June 30, 2025; and

WHEREAS, Section 13-103, RCH, requires an appointee to the Climate Change Commission to be a registered voter of the City; and

WHEREAS, the Council of the City and County of Honolulu has reviewed Mr. Romine's qualifications and character and finds that he qualifies to serve on the Climate Change Commission; now, therefore,

BE IT RESOLVED by the Council of the City and County of Honolulu that it confirms the appointment of Mr. Bradley Romine to the Climate Change Commission for a term to expire on June 30, 2025; and

BE IT FURTHER RESOLVED that the Council expresses its gratitude and appreciation to Mr. Romine for his commitment and willingness to actively participate in city government; and



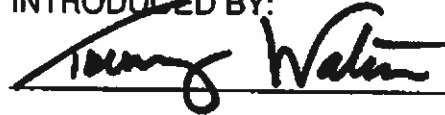
CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII

No. 22-210

RESOLUTION

BE IT FINALLY RESOLVED that copies of this Resolution be transmitted to the Mayor, the Executive Director of the Office of Climate Change Sustainability and Resiliency, the Climate Change Commission and Mr. Bradley Romine.

INTRODUCED BY:



(br)

DATE OF INTRODUCTION:

AUG 24 2022

Honolulu, Hawaii

Councilmembers

OFFICE OF THE MAYOR
CITY AND COUNTY OF HONOLULU

530 SOUTH KING STREET, ROOM 300 • HONOLULU, HAWAII 96813
PHONE: (808) 768-4141 • FAX: (808) 768-4242 • INTERNET: www.honolulu.gov



RICK BLANGIARDI
MAYOR

MICHAEL D. FORMBY
MANAGING DIRECTOR

KRISHNA F. JAYARAM
DEPUTY MANAGING DIRECTOR

August 18, 2022

The Honorable Tommy Waters
Chair and Presiding Officer
and Members
Honolulu City Council
530 South King Street, Room 202
Honolulu, Hawaii 96813

Dear Chair Waters and Councilmembers:

Pursuant to Section 6-107(h) of the Revised Charter of the City and County of Honolulu, I hereby appoint, subject to confirmation by your Honorable Body, Mr. Bradley Romine as a member of the Climate Change Commission. Mr. Romine will replace Dr. Fletcher and serve for a term to expire on June 30, 2025. I would appreciate your favorable consideration of Mr. Romine's appointment in the most expedient manner possible.

I have enclosed a draft resolution and Mr. Romine's information for your review. For any general inquiries you may have regarding this appointment, please contact my special assistant, Kevan Wong, at 768-4292.

Sincerely,

A handwritten signature in black ink that reads "Rick Blangiardi".

Rick Blangiardi
Mayor

Enclosures

cc: Mr. Bradley Romine
Office of Climate Change, Sustainability and Resiliency
Climate Change Commission
Ethics Commission



CITY COUNCIL

CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII

No. _____

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CITY COUNCIL

CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII

No. _____

RESOLUTION

BE IT FINALLY RESOLVED that copies of this Resolution be transmitted to the Mayor, the Executive Director of the Office of Climate Change Sustainability and Resiliency, the Climate Change Commission and Mr. Bradley Romine.

INTRODUCED BY:

DATE OF INTRODUCTION:

Honolulu, Hawaii

Councilmembers

CITY AND COUNTY OF HONOLULU
NOMINEE/APPOINTEE FORM

1. Position Nominated to: Climate Change Commission
2. Name: Bradley Moore Romine
(First) (Middle) (Last)
3. Are you a citizen of the United States? Yes
Are you a resident of the City and County of Honolulu? Yes If yes, how long 10-20 years
Are you a registered voter in the City and County of Honolulu? Yes
4. Occupation: geologist, university extension faculty
5. Name and address of employer or firm:
University of Hawaii Sea Grant College Program
2525 Correa Road, HIG 238, Honolulu, HI 96822
6. Does your employer do any business with the City and County of Honolulu? Yes
If yes, state the nature of business and approximate dollar amount in the last five years:
The University of Hawaii provides various research and extension services for the City.
7. Do you or does any member of your immediate family hold office or own stock in any firm?
No
8. Does the firm do business with the City and County of Honolulu? No
If yes, provide details including the name(s) of the firm:
9. Do you have any part-time employment, professional activity, or financial interests other than those indicated in the previous question? No
If yes, provide details:
10. Do you foresee any possible conflict between your present work, financial investments, business transactions or any other activity which would be incompatible with the proper discharge of your official duties or hinder you from effectively carrying out the duties for which you have been appointed? No
11. Are any members of your family employed by the City and County of Honolulu or any attached agency? No
If yes, please specify the department and division:
12. Are there any incidents in your past that may jeopardize your nomination? No
13. Have you ever been convicted of a felony? No If yes, provide details:

14. Education:

2013 Ph.D., Geology and Geophysics (coastal geology), University of Hawai'i at Mānoa
2008 M.S., Geology and Geophysics (coastal geology), University of Hawai'i at Mānoa
1998 B.S., Physical Geography, University of California, Santa Barbara

15. Provide a summary of major work experience for the last ten (10) years. Begin with your present job including military (attach additional sheets if necessary or resume):

(see Work Experience in resume, attached)

16. Community activities, etc. (also list any service on any other board or commission Federal, State or County):

(see Professional Appointments in resume, attached)

17. Have you ever been a member of a board or commission with the City and County of Honolulu?

No

If yes, provide name(s) of board/commission:

18. Will you be able to commit to the full term of this appointment? Yes

19. Will you be able to commit to meeting dates and times? Yes


20. Are you regularly away from Honolulu? No If yes, please explain:

21. Are you willing to make a confidential financial disclosure to the city Ethics Commission upon appointment and yearly thereafter? Yes

22. What do you understand to be the prime duties of your county appointment?

As a City Climate Change Commission member, I would be charged with gathering the
latest science and information on climate change impacts to Hawaii, with a focus on
Oahu, and providing advice and recommendations to the Mayor, City Council, and
Executive departments as they look to draft policy and plan for future climate scenarios.

The above statements made by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.



(Signature)

6/26/2022

(Date)

The above statements made by me are true, complete, and correct to the best of my knowledge and
*The completed form and any attachment(s) will be posted by the City Clerk and available on the
City's DocuShare Website.*

Curriculum Vitae for
Bradley M. Romine, Ph.D.
University of Hawai'i Sea Grant College Program

Phone: (

Email: :

EDUCATION

2013	Ph.D., Geology and Geophysics (coastal geology), University of Hawai'i at Mānoa
2008	M.S., Geology and Geophysics (coastal geology), University of Hawai'i at Mānoa
1998	B.S., Physical Geography, University of California, Santa Barbara

PROFESSIONAL APPOINTMENTS

2012-present	<i>Extension Faculty</i> (Coastal Management and Resilience Specialist, Full Rank (5)), University of Hawai'i Sea Grant College Program (Hawai'i Sea Grant), including coastal and climate science extension services to the Hawai'i Department of Land and Natural Resources – Office of Conservation and Coastal Lands (DLNR-OCCL), and Science Program Coordinator for the Hawai'i Sea Grant Center of Excellence for Coastal and Climate Science and Resilience
2018-present	<i>University Consortium Deputy Director</i> , Pacific Islands Climate Adaptation Science Center (PI-CASC) through a cooperative agreement between the U.S. Geological Survey, University of Hawai'i at Mānoa, University of Hawai'i at Hilo, and University of Guam

GRANTS, CONTRACTS, AND FUNDING

2021-2022	Research and extension support for sea level rise impacts modeling and partnership building for the <i>Climate Resilience Initiative</i> . \$54,487 from the Office for Naval Research (PI: Charles Fletcher).
2020-2022	Principal Investigator: <i>Climate Change and Sea Level Rise Guidance for the North Shore Sustainable Communities Plan</i> . \$22,896 under subcontract for the City & County of Honolulu.
2020-2021	Co-Investigator: <i>Maui Island Coastal Dune Restoration for Improved Community Resilience and Habitat Enhancement</i> . \$199,506 from the National Fish and Wildlife Foundation National Coastal Resilience Fund 2019 (PI: Tara Owens).
2019-2024	Co-Investigator: <i>Pacific Islands Climate Adaptation Science Center Cooperative Agreement</i> . \$1.8 mil. 5-year university consortium funding from the U.S. Geological Survey (PI: Darren Lerner).
2018-2019	Co-Investigator: <i>Sea Level Rise and Climate Change White Paper and Guidance for the City and County of Honolulu Primary Urban Center Development Plan Update</i> . \$39,992 under subcontract for the City & County of Honolulu (PI: Katy Hintzen).
2016-2021	Principal Investigator: <i>Building Resilience to Coastal Hazards and Climate Change in Hawai'i</i> . \$845,000 from the NOAA FY16 Regional Coastal Resilience Grants Program and \$100,000 from the DLNR-OCCL.
2016-2017	Principal Investigator: Technical Review of the <i>National Shoreline Management Study</i> . \$17,000 under subcontract for the U.S. Army Corps of Engineers.
2012-2022	Co-Investigator: <i>DLNR-OCCL Coastal Lands Program Memorandums of Agreement for science and technical support</i> . 2021-2024: \$178,751; 2019-2021: \$155,774; 2017-2019: \$156,390; 2015-2017: \$188,000; 2013-2015: \$165,000 (PI: Darren Lerner).

PEER-REVIEWED PUBLICATIONS

Summers, A., Fletcher, C.H., Spirandelli, D., McDonald, K., Over, J.-S., Anderson, T., Barbee, M., and Romine, B. (2018) *Failure to protect beaches under slowly rising sea level*, Climatic Change, 151.

Anderson, T.R.; Fletcher, C.H.; Barbee, M.M.; Romine, B.M.; Lemmo, S.; and Delevaux, J. (2018) *Modeling multiple sea level rise stresses reveals up to twice the land at risk compared to strictly passive flooding methods*. Nature Scientific Reports, 8.

Romine, B.M.; Fletcher, C.H.; Frazer, L.N.; Anderson, T.R. (2016) *Beach erosion under rising sea level modulated by coastal geomorphology and sediment availability on carbonate reef-fringed island coasts*. Sedimentology 63(5).

- Anderson, T.R.; Fletcher, C.H.; Barbee, M.M.; Frazer, L.N.; Romine, B.M. (2015) *Doubling of coastal erosion under rising sea level by mid-century in Hawaii*. *Natural Hazards* 78(1).
- Romine, B.M.; Fletcher, C.H.; Barbee, M.M.; Anderson, T.R.; and Frazer, L.N. (2013) *Are beach erosion rates and sea-level rise related in Hawai'i?* *Global and Planetary Change*, 108.
- Romine, B.M. and Fletcher, C.H. (2013) *A summary of historical shoreline changes along the islands of Kaua'i, O'ahu, and Maui; Hawai'i*. *Journal of Coastal Research*, 29(3).
- Romine, B.M. and Fletcher, C.H. (2012). *Armoring on eroding coasts leads to beach narrowing and loss on O'ahu, Hawai'i*, in *Pitfalls of Shoreline Stabilization: Selected Case Studies*, J.A.G. Cooper and O.H. Pilkey (eds.), *Coastal Research Library Vol. 3*, pp 141-164, Springer Science and Media, Dordrecht, Netherlands.
- Kane, H.; Fletcher, C.H.; Romine, B.M.; Anderson, T.R.; Frazer, L.N.; and Barbee, M.M. (2012). *Threats to cultural assets identified with shoreline trend analysis*. *Journal of Coastal Research*, 28(3).
- Romine, B.M.; Fletcher, C.H.; Genz, A.S.; Frazer, L.N.; Barbee, M.M.; Lim, S.C.; Smith, T., (2009). *Historical shoreline change, southeast O'ahu, Hawai'i; applying polynomial models to calculate shoreline change rates*. *Journal of Coastal Research*, 25(6).
- Norcross, Z.; Fletcher, C.H.; Barbee, M.M.; Genz, A.S.; and Romine, B.M. (2008) *Bringing sea-level rise into long range planning considerations on Maui, Hawai'i*. *Proceedings: Solution to Coastal Disasters 2008*.

TECHNICAL REPORTS

- Romine, B.M.; Eversole, D.; Hintzen, K.D. (2021). *Climate Change & Sea Level Rise, A Technical Resource Paper for the North Shore Sustainable Communities Plan*. For the City & County of Honolulu Department of Planning and Permitting, North Shore Sustainable Communities Plan update.
- Romine, B.M.; Habel, S.; Lemmo, S.J.; Pap, R.A.; Owens, T.M.; Lander, M.; Anderson, T.R. (2020). *Guidance for Using the Sea Level Rise Exposure Area in Local Planning and Permitting Decisions*. Prepared by the University of Hawaii Sea Grant College Program with the Hawai'i Department of Land and Natural Resources - Office of Conservation and Coastal Lands for the Hawai'i Climate Change Mitigation and Adaptation Commission - Climate Ready Hawai'i Initiative. (Sea Grant Publication TT-20-01).
- Courtney, C.A; Romine, B.M.; Lander, M.; Hintzen, K.D.; Owens, T.M.; Pap, R.A. (2020). *Guidance for Addressing Sea Level Rise in Community Planning in Hawai'i*. Prepared by Tetra Tech, Inc. for the University of Hawai'i Sea Grant College Program and State of Hawai'i Department of Land and Natural Resources and Office of Planning, with funding from National Oceanic and Atmospheric Administration Office for Coastal Management Award No. NA16NOS4730016.
- Courtney, C.A; Gelino, K; Romine, B.M.; Hintzen, K.D.; Addonizio-Bianco, C.; Owens, T.M.; Lander, M.; and Buika, J. (2019). *Guidance for Disaster Recovery Preparedness in Hawai'i*. Prepared by Tetra Tech, Inc. for the University of Hawai'i Sea Grant College Program and State of Hawai'i Department of Land and Natural Resources and Office of Planning, with funding from National Oceanic and Atmospheric Administration Office for Coastal Management award no. NA16NOS4730016.
- Hintzen, K. and Romine, B. (2019). *Sea Level Rise and Climate Change White Paper*. For the City & County of Honolulu Department of Planning and Permitting, Primary Urban Center Development Plan update.
- Romine, B.M., Guannel, G., Eversole, D. (2015) *Beach Restoration in Hawaii: Challenges and Opportunities*. White paper for the Hawaii Shore and Beach Preservation Association 2014 Beach Restoration Workshop, November 24, 2014; Honolulu, Hawaii.
- Hawai'i Climate Change Mitigation and Adaptation Commission (I served as project lead). (2017). *State of Hawai'i Sea Level Rise Viewer*. Prepared by the Pacific Islands Ocean Observing System (PaciOOS) for the University of Hawai'i Sea Grant College Program and the State of Hawai'i Department of Land and Natural Resources, Office of Conservation and Coastal Lands, with funding from National Oceanic and Atmospheric Administration Office for Coastal Management Award No. NA16NOS4730016 and under the State of Hawai'i Department of Land and Natural Resources Contract No. 64064.
- Hawai'i Climate Change Mitigation and Adaptation Commission (I provided extensive technical input and guidance). (2017). *Hawai'i Sea Level Rise Vulnerability and Adaptation Report*. Prepared by Tetra Tech, Inc. and

the State of Hawai'i Department of Land and Natural Resources, Office of Conservation and Coastal Lands, under the State of Hawai'i Department of Land and Natural Resources Contract No: 64064.

Eversole, D.; Andrews, A.; et al. (2014) *Climate Change Impacts in Hawai'i - A summary of climate change and its impacts to Hawai'i's ecosystems and communities*. University of Hawaii Sea Grant College Program.

Pap, R.; Owens, T.M.; Gonser, M.; Romine, B.; Bohlander, A.; Eversole, D.; and Hwang, D., (2014). *Kaua'i Climate Change and Coastal Hazard Assessment*. University of Hawai'i Sea Grant College Program for the County of Kaua'i.

Fletcher, C.H.; Romine, B.M.; Genz, A.S.; Barbee, M.M.; Dyer, M.; Anderson, T.R.; Lim, S.C.; Vitousek, S.; Boicchio, C.; and Richmond, B.M., (2012). *National assessment of shoreline change: Historical shoreline changes in the Hawaiian Islands*. U.S. Geological Survey Open-File Report no. 2011-1051.

Romine, B.M.; Fletcher, C.H.; Genz, A.S.; Barbee, M.M.; Dyer, M.; Anderson, T.R.; Lim, S.C.; Vitousek, S.; Boicchio, C.; and Richmond, B.M. (2012). *National assessment of shoreline change: a GIS compilation of vector shorelines and associated shoreline change data for the sandy shorelines of Kaua'i, O'ahu, and Maui, Hawai'i*. U.S. Geological Survey Open-File Report no. 2011-1009.

Fletcher, C.H.; Romine, B.M.; Barbee, M.M.; Lim, S.C., and Dyer, M. (2012). *O'ahu shoreline study erosion maps (1:3000) and GIS layers*.

ADDITIONAL EXAMPLES OF PROJECT EXPERIENCE

Ongoing	Conduct invited presentations, workshops, and other outreach events and cited in over 50 media pieces related to coastal hazards, climate change, sea level rise since 2012.
Ongoing	Providing science and technical guidance to DLNR-OCCL for beach restoration at Waikiki, O'ahu and Ka'anapali, Maui.
Ongoing	Coordinating an update to the DLNR-OCCL's small-scale beach restoration permitting program.
Ongoing	Conducting a North Shore (O'ahu) Coastal Resilience Working Group in cooperation with Surfrider Foundation.
2020	Coordinated a University of Hawai'i team guiding the City & County of Honolulu Department of Planning and Permitting in the update of the City's shoreline setback ordinance.
2018	Provided technical guidance on climate change and sea level rise hazards to the Hawai'i Emergency Management Agency for the update of the <i>State Hazard Mitigation Plan</i> (October 2018) as a member of the State Hazard Mitigation Forum.
2017	Provided writing, scientific guidance, and statewide outreach for the <i>State of Hawai'i Sea Level Rise Vulnerability and Adaptation Report</i> .
2017	Led the development of the <i>Hawai'i Sea Level Rise Viewer</i> , an online interactive mapping tool as a companion to the <i>State of Hawai'i Sea Level Rise Vulnerability and Adaptation Report</i> .
2016	Provided technical review and input for the development of the Hawaiian Islands instalment of the <i>National Shoreline Management Study</i> (published 2018) for the U.S. Army Corps of Engineers.

PROFESSIONAL APPOINTMENTS

2022-present	Kaua'i County Climate Adaptation Plan Technical Assistance Group
2018-2019	Member, Community Response to Flooding Visioning Team, NOAA Sea Grant Program
2017-2020	Member, Hazard Mitigation Forum, Hawai'i Department of Emergency Management, State of Hawai'i Hazard Mitigation Plan update
2017-2018	Ola O'ahu Resilience Strategy – Climate Security (Adaptation) Working Group Member
2014-present	Hawai'i Shore and Beach Preservation Association Board of Directors
2012-present	Member, Ocean Resources Management Plan coordinated working group, Hawai'i Office of Planning - Coastal Zone Management Program

Office of the City Clerk
CITY AND COUNTY OF HONOLULU
STATE OF HAWAII

Voter Certificate

I, Glen I. Takahashi, City Clerk of the City & County of Honolulu, State of Hawaii do hereby certify that,

BRADLEY M. ROMINE

A resident of the City and County of Honolulu, State of Hawaii is a duly registered elector (voter) of

Precinct: 05, Representative District: 22, State of Hawaii

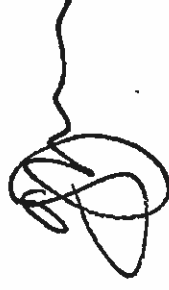
Voter ID No: 1498340 Registration Date: 02/08/2007

Date of Birth:

In Witness Whereof, I have hereunto set my hand and caused the Seal of the City and County of

Honolulu to be affixed on August 18, 2022.

Signature Block



Signature of Elector

*Glen I. Takahashi, City Clerk
City and County of Honolulu
/ State of Hawaii*