COMMITTEE ON ETHICS

EMPLOYEE POST-TRAVEL DISCLOSURE FORM ☐ *Original* ☐ *Amendment*

This form is for disclosing the receipt of travel expenses from private sources for travel taken in connection with official duties. This form does not eliminate the need to report privately-funded travel on the annual *Financial Disclosure Statements* of those employees required to file them. In accordance with House Rule 25, clause 5, **you must complete this form and *file it with the Clerk of the House by email at gifttravelreports@mail.house.gov*, within 15 days after travel is completed.** Please ***do not*** file this form with the Committee on Ethics.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

1. Name of Traveler: Georgia Davies

2. a. Name of Accompanying Relative: _____ ***OR*** ☒ None
   b. Relationship to Traveler: ☐ Spouse ☐ Child ☐ Other (specify): _____

3. a. Dates: Departure: February 28th, 2025 Return: March 2nd, 2025
   b. Dates at Personal Expense, if any: _____ ***OR*** ☒ None

4. Departure City: Washington DC Destination: Virginia Beach Return City: Washington DC

5. Sponsor(s), Who Paid for the Trip: National Academy of Sciences

6. Describe Meetings and Events Attended: We participated in lectures with researchers and visited sites local to the virginia beach area to learn about energy

7. Attached to this form are ***each*** of the following, *signify that each item is attached by checking the corresponding box*:
   a. ☒ a completed *Sponsor Post-Travel Disclosure Form*;
   b. ☒ the *Primary Trip Sponsor Form* completed by the trip sponsor ***prior*** to the trip, ***including all*** attachments ***and*** the *Additional Sponsor Form(s)*;
   c. ☒ page 2 of the completed *Traveler Form* submitted by the employee; ***and***
   d. ☒ the letter from the Committee on Ethics approving my participation on this trip.

8. a. ☒ I represent that I participated in each of the activities reflected in the attached sponsor's agenda. *Signify statement is true by checking the box.*
   b. If not, explain: _____

I certify that the information contained on this form is true, complete, and correct to the best of my knowledge.

Signature of Traveler: Georgia Davies **Date:** March 13th, 2025

I authorized this travel in advance. I have determined that all of the expenses listed on the attached *Sponsor Post-Travel Disclosure Form* were necessary and that the travel was in connection with the employee's official duties and would not create the appearance that the employee is using public office for private gain.

Name of Supervising Member: Frank D. Lucas **Date:** March 13th, 2025

Signature of Supervising Member: Frank D Lucas

last updated 7/2023

COMMITTEE ON ETHICS

SPONSOR POST-TRAVEL DISCLOSURE FORM

☐ *Original* ☐ *Amendment*

This form must be completed by an officer of any organization that served as the primary trip sponsor in providing travel expenses or reimbursement for travel expenses to House Members, officers, or employees under House Rule 25, clause 5. **A completed copy of the form must be provided to each House Member, officer, or employee who participated in the trip *within 10 days of their return.*** You must answer all questions, and check all boxes, on this form for your submission to comply with House Rules and the Committee's Travel Regulations. Failure to comply with this requirement may result in the denial of future requests to sponsor trips and/or subject the current traveler to disciplinary action or a requirement to repay the trip expenses.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

1. Sponsor(s) who paid or provided in-kind support for the trip: National Academy of Sciences (NAS)
2. Travel Destination(s): Virginia Beach, VA
3. Date of Departure: Friday, February 28, 2025 Date of Return: Sunday, March 2, 2025
4. Name(s) of Traveler(s): Please see the included addendum.

   Note: You may list more than one traveler on a form only if ***all*** information is ***identical*** for each person listed.
5. **Actual amount** of expenses paid on behalf of, or reimbursed to, each individual named in Question 4:

	Total **Transportation** Expenses	Total **Lodging** Expenses	Total **Meal** Expenses	Total **Other** Expenses (dollar amount per item and description)
Traveler	$128 (charter buses to/from Virginia Beach and to/from field visits)	$292 (per diem room rate plus taxes/fees)	$172.5	$292 (Hotel meeting space & A/V equipment rental/support, and PPE supplies)
Accompanying Family Member	N/A	N/A	N/A	N/A

6. ☒ All expenses connected to the trip were for actual costs incurred and not a *per diem* or lump sum payment. *Signify statement is true by checking box.*

I certify that the information contained in this form is true, complete, and correct to the best of my knowledge.

Signature: Ebun Johnson Digitally signed by Ebun Johnson Date: 2025.03.12 14:58:25 -04'00' **Date:**

Name: Ebun Johnson **Title:** Chief Financial Officer

Organization: National Academy of Sciences (NAS)

☒ ***I am an officer of the above-named organization. Signify statement is true by checking box.***

Address: 500 Fifth St. NW, Washington, DC 20001

Telephone: 202-334-1269 **Email:** ejohnson@nas.edu

Committee staff may contact the above-named individual if additional information is required.

If you have questions regarding your completion of this form, please contact the Committee on Ethics at 202-225-7103.

last updated 7/2023

COMMITTEE ON ETHICS

TRAVELER FORM

This form should be completed by House Members, officers, or employees seeking Committee approval of privately-sponsored travel or reimbursement for travel under House Rule 25, clause 5. The completed form should be submitted directly to the Committee by each invited House Member, officer, or employee, together with the completed and signed trip sponsor form(s) and any attachments. A copy of this form, minus this initial page, will be made available for public inspection.

This form and any attachments may be submitted at 1015 Longworth House Office Building or travel.requests@mail.house.gov.

Your completed request must be submitted to the Committee no less than 30 days before your proposed departure date. Absent exceptional circumstances, permission will not be granted for requests received less than 30 days before the trip commences. **You must receive explicit approval from the Committee before you depart on this trip.**

Name of Traveler: Georgia Davies

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

I certify that the information contained on both pages of this form is true, complete, and correct to the best of my knowledge.

Signature: Georgia Davies

Name of Signatory (if other than traveler): _____

For Staff (name of employing Member or Committee): Rep. Frank D. Lucas

Office Address: 2405 Rayburn House Office Building

Telephone Number: 202-225-5565

Email Address of Contact Person: Alison.Slagell@mail.house.gov

☐ Check this box if the sponsoring entity is a media outlet, the purpose of the trip is to make a media appearance sponsored by that entity, *and* these forms are being submitted to the Committee less than 30 days before the trip departure date.

NOTE: You must complete all of the contact information fields above, as Committee staff may need to contact you if additional information is required.

KEEP A COPY OF THIS FORM. Page 2 (but not this page) must be submitted to the Clerk as part of the post-travel disclosure required by House Rule 25. Travel Regulation § 404(d) also requires you to keep a copy of all request forms and supporting paperwork for three subsequent Congresses from the date of travel.

If there are any questions regarding this form, please contact the Committee on Ethics at 202-225-7103 or via email: *travel.requests@mail.house.gov*.

COMMITTEE ON ETHICS

TRAVELER FORM

1. Name of Traveler: Georgia Davies

2. Sponsor(s) who will be paying or providing in-kind support for the trip: The National Academies of Sciences Engineering and Medicine

3. City and State **OR** Foreign Country of Travel: Virginia Beach, Virginia

4. a. Date of Departure: February 28th, 2025 Date of Return: March 2nd, 2025

   b. Yes ☐ No ■ Will you be extending the trip at your personal expense?

   If yes, list dates at personal expense: _____

5. a. Yes ☐ No ■ Will you be accompanied by a family member at the sponsor's expense? **If yes:**

   (1) Name of Accompanying Family Member: _____

   (2) Relationship to Traveler: ☐ Spouse ☐ Child ☐ Other (specify): _____

   (3) Yes ☐ No ☐ Accompanying Family Member is at least 18 years of age?

6. a. Yes ☐ No ■ Did the trip sponsor answer "Yes" to Question 8(c) on the *Primary Trip Sponsor Form* (i.e., travel is sponsored by an entity that employs a registered federal lobbyist or a foreign agent)?

   b. **If yes**, and you are requesting lodging for two nights, explain why the second night is warranted:

7. Yes ■ No ☐ *Primary Trip Sponsor Form* is attached, including agenda, invitation, invitee list, and any other attachments and Additional Sponsor Forms.

   NOTE: The agenda should show the traveler's individual schedule, including departure and arrival times and identify the specific events in which the traveler will be participating.

8. Explain why participation in the trip is connected to the traveler's individual official or representational duties. **Staff should include their job title and how the activities on the itinerary relate to their duties.**

   As a legislative assistant handling energy policy for Congressman Lucas, this trip will further my knowledge on decarbonization and transmission which is relevant to my job.

9. **Yes ☐ No ■ Is the traveler aware of any registered federal lobbyists or foreign agents involved in planning, organizing, requesting, or arranging the trip?**

10. For staff travelers, to be completed by your employing Member:

ADVANCED AUTHORIZATION OF EMPLOYEE TRAVEL

I hereby authorize the individual named above, an employee of the U.S. House of Representatives who works under my direct supervision, to accept expenses for the trip described in this request. I have determined that the above-described travel is in connection with my employee's official duties and that acceptance of these expenses will not create the appearance that the employee is using public office for private gain.

Signature of Employing Member: Frank D Lucas **Date:** 1/24/25

COMMITTEE ON ETHICS

PRIMARY TRIP SPONSOR FORM

This form should be completed by private entities offering to provide travel or reimbursement for travel to House Members, officers, or employees under House Rule 25, clause 5. A completed copy of the form (and any attachments) should be provided to each invited House Member, officer, or employee, who will then forward it to the Committee together with a *Traveler Form* **at least 30 days before the start date of the trip**. The trip sponsor should *NOT* submit the form directly to the Committee. The Committee's website (ethics.house.gov) provides detailed instructions for filling out the form. The Committee will notify the House invitees directly of its decision and will not notify the trip sponsors.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001. Failure to comply with the Committee's Travel Regulations may also lead to the denial of permission to sponsor future trips. Signatures must comply with section 104(bb) of the Travel Regulations.

1. Sponsor who will be paying for the trip:

   National Academy of Sciences (NAS)

2. ☒ I represent that the trip will not be financed, in whole or in part, by a registered federal lobbyist or foreign agent. *Signify that the statement is true by checking box.*

3. ***Check only one.*** I represent that:
   a. ☒ The primary trip sponsor has not accepted from any other source, funds intended directly or indirectly to finance any aspect of the trip; **OR**
   b. ☐ The trip is arranged without regard to congressional participation and the primary trip sponsor has accepted funds only from entities that will receive a tangible benefit in exchange for those funds; **OR**
   c. ☐ The primary trip sponsor has accepted funds, services, or in-kind assistance from other source(s) intended directly or indirectly to finance all or part of this trip and has enclosed disclosure forms from each of those entities.

   If "c" is checked, list the names of the additional sponsors: _____

4. Provide names and titles of **ALL** House Members *and* employees you are inviting. **For each House invitee, provide an explanation of why the individual was invited** (include additional pages if necessary): _____

   Please see the included addendum.

5. Yes ☐ No ☒ Is travel being offered to an accompanying family member of the House invitee(s)?
6. Date of Departure: Friday, February 28, 2025 Date of Return: Sunday, March 2, 2025
7. a. City of departure: Washington, DC
   b. Destination(s): Virginia Beach, VA
   c. City of return: Washington, DC
8. ***Check only one.*** I represent that
   a. ☐ The sponsor of the trip is an institution of higher education within the meaning of section 101 of the Higher Education Act of 1965; **OR**
   b. ☒ The sponsor of the trip does not retain or employ a registered federal lobbyist or foreign agent; **OR**
   c. ☐ The sponsor employs or retains a registered federal lobbyist or foreign agent, but the trip is for attendance at a one-day event *and* lobbyist / foreign agent involvement in planning, organizing, requesting, or arranging the trip was *de minimis* under the Committee's travel regulations.

9. ***Check only one of the following.***
   a. ☒ I checked 8(a) or (b) above; **OR**
   b. ☐ I checked 8(c) above but am not offering any lodging; **OR**
   c. ☐ I checked 8(c) above and am offering lodging and meals for one night; **OR**
   d. ☐ I checked 8(c) above and am offering lodging and meals for two nights. If you checked this box, explain why the second night of lodging is warranted. _____

10. ☒ Attached is a detailed agenda of the activities House invitees will be participating in during the travel (i.e., an hourly description of planned activities for trip invitees). *Indicate agenda is attached by checking box.*
11. ***Check only one of the following.***
   a. ☒ I represent that a registered federal lobbyist or foreign agent will not accompany House Members or employees on any segment of the trip. *Signify the statement is true by clicking the box;* **OR**
   b. ☐ *Not Applicable.* Trip sponsor is a U.S. institution of higher education.
12. For ***each*** sponsor required to submit a sponsor form, describe the sponsor's interest in the subject matter of the trip ***and*** its role in organizing and/or conducting the trip:
   Please see the included addendum.
13. ***Answer parts a and b. Answer part c if necessary***:
   a. Mode of travel: Air ☐ Rail ☐ Bus ☒ Car ☐ Other ☐ (specify:_____)
   b. Class of travel: Coach ☐ Business ☐ First ☐ Charter ☒ Other ☐ (specify:_____)
   c. If travel will be first class, or by chartered or private aircraft, explain why such travel is warranted:
14. ☒ I represent that the expenditures related to local area travel during the trip will be unrelated to personal or recreational activities of the invitee(s). *Signify that the statement is true by checking box.*
15. ***Check only one.*** I represent that either:
   a. ☐ The trip involves an event that is arranged or organized *without regard* to congressional participation and that meals provided to congressional participants are similar to those provided to or purchased by other event attendees; **OR**
   b. ☒ The trip involves events that are arranged specifically *with regard* to congressional participation. If "b" is checked:
      1) Detail the cost *per day* of meals (approximate cost may be provided): Friday - $55.5 Saturday - $74, Sunday - $43
      2) Provide the reason for selecting the location of the event or trip: The Hampton Roads area of Virgina was selected as the region has direct economic and societal impacts/opportunities related to climate change and the topical focus areas of the Weekend Seminar.
16. Name, nightly cost, and reasons for selecting each hotel or other lodging facility:
   Hotel Name: Marriott Virginia Beach Oceanfront City: Virginia Beach, VA Cost Per Night: $136 (per diem room rate plus taxes/fees)
   Reason(s) for Selecting: Lodging/meals available at per diem rates, and proximity to potential field site visit locations.
   Hotel Name: _____ City: _____ Cost Per Night: _____
   Reason(s) for Selecting: _____
   Hotel Name: _____ City: _____ Cost Per Night: _____
   Reason(s) for Selecting: _____

17. ☒ I represent that all expenses connected to the trip will be for actual costs incurred and not a per diem or lump sum payment. *Signify that the statement is true by checking the box.*

18. **Total Expenses for each Participant:**

☐ Actual Amounts ☒ Good Faith Estimates	Total **Transportation** Expenses per Participant	Total **Lodging** Expenses per Participant	Total **Meal** Expenses per Participant
For each Member, Officer, or Employee	$118 (charter buses to/from Virginia Beach and to/from field visits)	$272 (per diem room rate plus taxes/fees)	$172.5
For each Accompanying Family Member	N/A	N/A	N/A

	Other Expenses (dollar amount per item)	Identify Specific Nature of "Other" Expenses (e.g., taxi, parking, registration fee, etc.)
For each Member, Officer, or Employee	$192	Hotel meeting space & A/V equipment rental and support
For each Accompanying Family Member	N/A	N/A

19. ***Check only one:***
    a. ☒ I certify that I am an officer of the organization listed below; **OR**
    b. ☐ *Not Applicable.* Trip sponsor is an individual or a U.S. institution of higher education.

20. **I certify by my signature that**
    a. **I read and understand the Committee's Travel Regulations;**
    b. **I am not a registered federal lobbyist or registered foreign agent; and**
    c. **The information on this form is true, complete, and correct to the best of my knowledge.**

Signature: Ebun Johnson Digitally signed by Ebun Johnson Date: 2025.01.15 18:12:14 -05'00' Date: _____

Name: Ebun Johnson Title: Chief Financial Officer

Organization: National Academy of Sciences (NAS)

Address: 500 Fifth St. NW, Washington, DC 20001

Email: ejohnson@nas.edu Telephone: 202-334-1269

If there are questions regarding this form, please contact the Committee on Ethics at 202-225-7103 or travel.requests@mail.house.gov.

U.S. House of Representatives

COMMITTEE ON ETHICS

Washington, DC 20515

February 24, 2025

Ms. Georgia Davies
Office of the Honorable Frank D. Lucas
2405 Rayburn House Office Building
Washington, DC 20515

Dear Ms. Davies:

Pursuant to House Rule 25, clause 5(d)(2), the Committee on Ethics hereby approves your proposed trip to Virginia Beach, Virginia, scheduled for February 28 to March 2, 2025, sponsored by National Academies of Sciences, Engineering, and Medicine.

You must complete an Employee Post-Travel Disclosure Form (which your employing Member must also sign) and file it, together with a Sponsor Post-Travel Disclosure Form completed by the trip sponsor, with the Clerk of the House within 15 days after your return from travel. As part of that filing, you are also required to attach a copy of this letter and both the Traveler and Primary Trip Sponsor Forms (including attachments) you previously submitted to the Committee in seeking pre-approval for this trip. If you are required to file an annual Financial Disclosure Statement, you must also report all travel expenses totaling more than $480 from a single source on the "Travel" schedule of your annual Financial Disclosure Statement covering this calendar year. Finally, Travel Regulation § 404(d) also requires you to keep a copy of all request forms and supporting information provided to the Committee for three subsequent Congresses from the date of travel.

If you have any further questions, please contact the Committee's Office of Advice and Education at extension 5-7103.

Sincerely,

Michael Guest
Chairman

Mark DeSaulnier
Ranking Member

MG/MD:mc

NATIONAL ACADEMIES *Sciences Engineering Medicine*

National Academies Climate Crossroads Congressional Fellowship:

2025 Weekend Seminar – House Ethics Post-Travel Disclosure Form Addendum

Question 4 – House Employee Traveler List:

- Mike Burnside - Senior Policy Advisor, Representative Marc Veasey
- Elizabeth Cooper - Legislative Correspondent, Representative Suhas Subramanyam
- Georgia Davies - Legislative Assistant, Representative Frank Lucas
- Andrew Deshler - Legislative Assistant, Representative Andrea Salinas
- Eric Dunay - Senior Legislative Assistant, Representative Sharice Davids
- Noelle Gasper - Senior Legislative Assistant, Representative Rick Larsen
- Mitchell Heidenreich - Legislative Director, Representative Dave Min
- Willie Lyles III - Chief of Staff, Representative Troy Carter
- Morgan McCue - Legislative Director, Representative Jared Huffman
- Philip McLaughlin - Member Services Director, New Democrat Coalition
- Jessica Merritt - Legislative Director, Representative George Latimer
- Ari Perlmutter - Senior Policy Analyst, House Agriculture Committee
- Zane Tolchinsky - Legislative Assistant, House Committee on Transportation and Infrastructure
- J.R. Walker III - Senior Advisor and Environmental Policy Liaison, Representative H. Morgan Griffith
- Zoe Wong - Legislative Assistant, Representative Tom Suozzi

* Melody Tan (Senior Policy Advisor, Representative Jennifer McClellan) also attended and is a House employee but has a separate post-travel disclosure form due to a change in her travel plans.

Summary of Cost and Itinerary Updates:

Costs:

Lodging – Total lodging costs per traveler increased from $272 to $292 due to higher than anticipated hotel fees.

Transportation – Total transportation costs per traveler increased from $118 to $128 due to charter bus parking costs and driver tip.

Other Expenses – Total "other expenses" per traveler increased from $192 to $292 due to the addition of in-room A/V support for hotel meeting space sessions, tables for the Regional Resilience Networking Showcase, and the purchase of Personal Protective Equipment to support the site visit to Dominion Energy's Off-Shore Wind project staging area at the Port of Virginia.

Itinerary:

Friday Working Lunch and Facility Overview – The Friday Working Lunch and Facility Overview began at noon ahead of the scheduled 12:30pm start time.

Friday Learning Module and Working Dinner: Future-Proofing Infrastructure –

- Invited Speakers Unable to Attend/Declined Invitation:
  - Matt Lott (Emergency Manager, Virginia Department of Transportation)
  - John Scrivani (Director, Virginia Department of Transportation)
- Speaker Added:
  - Dale Stith (Principal Transportation Planner, Hampton Roads Transportation Planning Organization)

Saturday Working Breakfast and Daily Overview – The Saturday Working Breakfast and Daily Overview shifted to 8am-9am to account for the updated site visit (noted below).

Saturday Site Visit – The originally submitted itinerary included a site visit to the Norfolk Naval Station. Unfortunately, they were no longer able to support our visit and the Saturday Site Visit shifted to the Elizabeth River Project's Ryan Resilience Lab: https://elizabethriver.org/ryan-resilience-lab/

The Elizabeth River Project's mission to restore the environmental quality of the Elizabeth River through residential, government and business partnerships. The Ryan Resilience Lab is a global model for coastal resilience, designed to teach the world's coastal residents and businesses how to respond as sea levels rise. Stops on the tour highlighted cutting edge green building practices and systems such as floating docks, green roofs, solar arrays, and rainwater capture projects in addition to time for Q&A. Staff from the Elizabeth River Project (listed below) served as tour guides and experts:

- Luísa Black Ellis (Director of Resilience & Community Engagement, Elizabeth River Project
- Pam Northam (Education and Public Relations Associate, Elizabeth River Project)
- Lacy Shirey (Executive Director, Elizabeth River Project)

Saturday Learning Module: Decarbonization and Energy – The start time of the Saturday Learning Module was updated from 2:30pm to 3:00pm. The panel discussion on workforce issues was updated to a lecture. Lastly, the speaker for the Dominion Energy Site Visit Presentation was ill and unable to attend (the time allocated for this presentation was used instead for small group discussions).

- Invited Speakers Unable to Attend/Declined Invitation:
  - Jessie Jenkins (Assistant Professor, Princeton University)
  - Eric Larson (Senior Research Engineer, Princeton University)
  - Chris Grieg (Research Scientist, Princeton University)
  - Rachel Golden (Senior Principal, RMI)
  - Kelly Fleming (Associate Director, Federation of American Scientists)
  - Stephanie Searle (Chief Program Officer, International Council on Clean Transportation)
  - Bobby Perkins (Director, Virginia Peninsula Community College)
  - Shawn Avery (President and CEO, Hampton Roads Workforce Council)

- Aurelia Williams (Vice Provost, Norfolk State University)
- Cynthia Finley (Vice President, Interstate Renewable Energy Council)
- Jonathan Dowds (Deputy Director, Renewable Energy Vermont)
- Ethan Heil (Energy & Sustainability Engineer, University of Virginia)
- Emily Schapira (President and CEO, Philadelphia Energy Authority)
- John Larson (Director, Public Policy and Economic Development, Dominion Energy)

Saturday Regional Resilience Networking Showcase –

- Invited Participants Unable to Attend/Declined Invitation:
  - Trina Marsh Dyal (Deputy Director, NASA Langley Research Center)
  - Kyle Spencer (Chief Resilience Officer, City of Norfolk)
  - John Vennekate (Accelerator Scientist, Thomas Jefferson National Accelerator Facility)
  - Shawn Avery (President & CEO, Hampton Roads Workforce Council)
- Participants Added:
  - CJ Bodnar (Civil Engineer, City of Virginia Beach)
  - Michael Tippin (Senior Project Manager, City of Virginia Beach)
  - Jo Katchinoff (Co-Founder and CEO, CREW Carbon)
  - Noah Planavsky (Co-Founder and Scientific Advisor, CREW Carbon)
  - Jay Bernas (General Manager/CEO, HRSD)
  - Dan Holloway (Hydrogeologist, HRSD)
  - Lauren Zuravnsky (Director of Design and Construction – SWIFT, HRSD)

Sunday Site Visit – John Larson (Director, Public Policy and Economic Development, Dominion Energy) and Brittany Woodson (External Affairs Representative, Dominion Energy) were both ill and unable to join the site visit as presenters.

Sunday Lunch – The location was shifted to Cove Tavern due to space constraints at the original lunch location (Indulge Bakery & Bistro). The departure time was updated to 2pm instead of 1:30pm due to a delay at the restaurant, and the group arrived back in DC at 5pm instead of 4:30pm due to this delay.

NATIONAL ACADEMIES Sciences Engineering Medicine

Climate Crossroads Congressional Fellowship: Weekend Seminar

With financial support from the National Academies of Sciences, Engineering, and Medicine

Background

Location: Virginia Beach, Virginia

Dates: February 28th – March 2nd, 2025

Mission Goals: The National Academies of Sciences, Engineering, and Medicine (NASEM) Climate Crossroads (CCX) Congressional Fellowship provides current Congressional staff with a solid grounding in the science, engineering, and health dimensions of climate change, as well as opportunities to engage in dialogue with colleagues from diverse policy backgrounds. The weekend seminar is planned as a key component of a series of training modules fellows engage with over the course of their fellowship. Most training modules are three hours once monthly, but the weekend seminar will enable an extended period of deep engagement for program participants with National Academies' resources and experts as well as time for community building. Field visits to off-site locations will also provide the opportunity to connect information gained in the classroom to communities on the ground. The weekend seminar will also serve as a sustained opportunity for fellows to engage with their peers and the larger scientific community on a range of climate-related topics.

Relevance to Official Duties: CCX Congressional Fellows participate in the National Academies' Climate Crossroads Congressional Fellowship as part of their official duty to (1) build their capacity for science informed policy making, (2) engage in dialogue with peers, and (3) enhance access to leading science, engineering, and medicine for both themselves and their offices.

Location: Virginia Beach, Virginia was selected as the weekend retreat destination due to its central location in the Virginia Beach-Chesapeake-Norfolk metropolitan area. In addition to on-site learning modules, Fellows will participate in off-site field visits at the HRSD SWIFT Research Center in Suffolk, VA, the Ryan Resilience Lab in Norfolk, VA, and the Port of Virginia in Portsmouth, VA, all of which highlight innovative ways different industries are adapting to climate impacts.

NATIONAL ACADEMIES Sciences Engineering Medicine

Itinerary

Itinerary below is tentative; times and speakers are subject to change.

Day 1 - Friday, February 28th: Travel

9:00 AM – 12:00 PM **Transportation from Washington, DC to Suffolk, VA (HRSD SWIFT Research Center)** – 9:00 AM Departure Time

CCX Congressional Fellows and National Academies CCX Program Staff will depart from the National Academies Keck Center by bus at 9:00 AM

Locations:

- Keck Center, 500 5th St NW, Washington, DC, 20001
- HRSD (Hampton Roads Sanitation District) SWIFT (Sustainable Water Initiative for Tomorrow) Research Center, 6909 Armstead Road, Suffolk, VA 23435

12:00 PM – 1:00 PM **Working Lunch and Facility Overview**

CCX Congressional Fellows will be served lunch while HRSD SWIFT staff facilitate introductions and present an overview of the organization and research facilities.

Attendees:

- **Presenter:** Jay Bernas (General Manager/CEO, HRSD)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Stephanie Johnson (Water Science and Technology Board, NASEM), HRSD Staff (listed under site visit)

Location: HRSD SWIFT Research Center

1:00 PM – 4:00 PM **Site Visit: HRSD (Hampton Roads Sanitation District) SWIFT (Sustainable Water Initiative for Tomorrow) Research Center**

1:00 PM – 2:45 PM Tour: SWIFT Facilities

The SWIFT Tour provides an overview of the project benefits and drivers, Chesapeake Bay restoration, multi-barrier advanced water treatment technologies, replenishment wells.

2:45 PM – 3:15 PM Presentation and Discussion: Sea-Level Rise and Land Subsidence

HRSD staff will present research on the region's hydrogeology and how SWIFT facilities are combatting land subsidence while treating water. A facilitated discussion will follow the presentation.

3:15 PM – 4:00 PM Discussion: Water Management and Climate Change

Fellows will have the opportunity to participate in small table discussions on a range of topics with HRSD staff. Topics include:

- *PFAS in drinking water/wastewater/biosolids: water and wastewater sector management opportunities and challenges*
- *Decarbonization and Intensification of Wastewater Treatment and Water Reuse*
- *Resource Recovery Opportunities to Support Sustainable Communities*
- *Advances in potable reuse and wastewater treatment*

4:00 PM *Depart*

Attendees:

- **Presenters:** Jay Bernas (General Manager/CEO, HRSD), Charles Bott (Chief Technology Officer, HRSD), Jamie Heisig-Mitchell (Chief of Water Quality, HRSD), Leila Rice (Chief Communications Officer, HRSD), Chris Wilson (Director of Process Engineering, HRSD), Dan Holloway (Hydrogeologist, HRSD), Lauren Zuravnsky (Director of Design and Construction – SWIFT, HRSD), Lisa Bolen (Public Information Specialist, HRSD) Brantley Bissette (Community Education Outreach Specialist, HRSD)

Participants: CCX Congressional Fellows, Fellowship Program Staff (NASEM), Anne Strauss-Wieder (Lecturer, Rutgers

University), Stephanie Johnson (Water Science and Technology Board, NASEM), K. John Holmes (Board on Energy and Environmental Systems, NASEM)
Location: HRSD SWIFT Research Center

4:00 PM – 5:00 PM **Transportation to Marriott Virginia Beach Oceanfront Resort**

CCX Congressional Fellows and NASEM Fellowship Program Staff will depart the HRSD SWIFT Research Center for the Marriott Virginia Beach Oceanfront Resort by 4:00 PM.

Location: Marriott Virginia Beach Oceanfront Resort, 4201 Atlantic Avenue, Virginia Beach, VA 23451

5:00 PM – 6:00 PM **Hotel Check-in** – 5:00 PM Arrival Time

6:00 PM – 6:30 PM **Scheduled Break**

6:30 PM – 8:30 PM **Learning Module and Working Dinner: Future-Proofing Infrastructure**

6:30 PM – 6:32 PM	*Welcome and introduction.*
6:32 PM – 7:00 PM	*Facilitated table-level discussion connecting HRSD SWIFT site visit to evening's lecture series.*
7:00 PM – 7:20 PM	Lecture: Road Infrastructure Resilience *This lecture will explore current challenges in road infrastructure and how practitioners are adapting to climate change and developing more resilient infrastructure.*
7:20 PM – 7:40 PM	Lecture: Port Infrastructure Resilience *This lecture will explore current challenges in port infrastructure and how practitioners are adapting to climate change and developing more resilient infrastructure.*

7:40 PM – 8:00 PM	Lecture: Built Infrastructure Resilience *This lecture will explore current challenges in built infrastructure and how practitioners are adapting to climate change and developing more resilient infrastructure.*
8:00 PM – 8:27 PM	*Panel discussion/Q&A on future-proofing infrastructure with invited speakers.*
8:27 PM – 8:30 PM	*Learning module wrap-up*

Attendees:

- **Invited Speakers:** Anne Strauss-Wieder (Lecturer, Rutgers University), Mikhail Chester (Professor, Arizona State University), and Dale Stith (Principal Transportation Planner, Hampton Roads Transportation Planning Organization)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Cameron Oskvig (Board on Infrastructure and the Constructed Environment, NASEM), Stephanie Johnson (Water Science and Technology Board, NASEM), K. John Holmes (Board on Energy and Environmental Systems, NASEM), Whitney Katchmark (Principal Water Resources Engineer, Hampton Roads Planning District Commission), Greg Grootendorst (Deputy Executive Director, Hampton Roads Planning District Commission), and Benjamin McFarlane (Chief Resilience Officer, Hampton Roads Planning District Commission)

Location: Salon A-B - Marriott Virginia Beach Oceanfront Resort

Day 2 - Saturday, March 1st

8:00 AM – 9:00 AM **Working Breakfast and Daily Overview**

CCX Congressional Fellows will be served breakfast while National Academies staff present an itinerary of the day and basic background information relevant to the site visit (Ryan Resilience Lab).

Attendees:

- **Presenter:** Ryan Gallasch (Congressional Affairs Officer, NASEM)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Anne Strauss-Wieder (Lecturer, Rutgers University), Steve Comello (Senior Vice President, Energy Futures Initiative), Cameron Oskvig (Board on Infrastructure and the Constructed Environment, NASEM), Stephanie Johnson (Water Science and Technology Board, NASEM), K. John Holmes (Board on Energy and Environmental Systems, NASEM)

Location: Salon A-B - Marriott Virginia Beach Oceanfront Resort

9:00 AM – 10:00 AM **Transportation to the Ryan Resilience Lab**

10:00 AM – 12:00 PM **Site Visit: Ryan Resilience Lab**

10:00 AM – 10:10 AM	*Arrival and Check-in*
10:10 AM – 10:30 AM	Presentation: Ryan Resilience Lab Overview *Fellows will receive an overview of the Elizabeth River Project's Ryan Resilience Lab and their work.*
10:30 AM – 11:45 AM	Ryan Resilience Lab Walking Tour *Fellows will go on a walking tour of the Ryan Resilience Lab. Stops on the tour will highlight cutting edge green building*

practices and systems such as floating docks, green roofs, solar arrays, and rainwater capture projects.

11:45 AM – 12:00 PM Q&A and Depart

Attendees:

- **Presenters:** Luísa Black Ellis (Director of Resilience & Community Engagement, Elizabeth River Project), Pam Northam (Education and Public Relations Associate, Elizabeth River Project), Lacy Shirey (Executive Director, Elizabeth River Project)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Anne Strauss-Wieder (Lecturer, Rutgers University), Steve Comello (Senior Vice President, Energy Futures Initiative), Cameron Oskvig (Board on Infrastructure and the Constructed Environment, NASEM), Stephanie Johnson (Water Science and Technology Board, NASEM), K. John Holmes (Board on Energy and Environmental Systems, NASEM)

Location: Ryan Resilience Lab, 4610 Colley Ave, Norfolk, VA 23508

12:00 PM – 1:00 PM **Transportation to Marriott Virginia Beach Oceanfront Resort**

1:00 PM – 2:30 PM **Lunch and Site Visit Debrief**

CCX Congressional Fellows will have the opportunity to reflect on the Ryan Resilience Lab *site visit and explore cross-cutting themes from the two site visits of the weekend. Prompts and questions will be provided to the group to facilitate discussion during the meal.*

Attendees:

- **Presenter:** Ryan Gallasch (Congressional Affairs Officer, NASEM)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Anne Strauss-Wieder (Lecturer, Rutgers University), Steve Comello (Senior Vice

President, Energy Futures Initiative), Cameron Oskvig (Board on Infrastructure and the Constructed Environment, NASEM), Stephanie Johnson (Water Science and Technology Board, NASEM), K. John Holmes (Board on Energy and Environmental Systems, NASEM)

Location: Salon A-B - Marriott Virginia Beach Oceanfront Resort

2:30 PM – 3:00 PM	**Scheduled Break**
3:00 PM – 6:30 PM	**Learning Module: Decarbonization and Energy**

3:00 PM – 3:02 PM	*Welcome and introduction.*
3:02 PM – 3:10 PM	*Facilitated table-level group discussion to open the decarbonization topic*
3:10 PM – 3:30 PM	Lecture: Overview of Decarbonization *This lecture will provide an overview of decarbonization, including challenges and opportunities.*
3:30 PM – 3:50 PM	Lecture: Electricity System Decarbonization and Transmission *This lecture will provide an overview of energy infrastructure, transmission, and opportunities to decarbonize the electricity system. It will also provide background context for Sunday's site visit with Dominion Energy.*
3:50 PM – 4:10 PM	Lecture: Transportation Electrification *This lecture will provide an overview of transportation electrification, including challenges and opportunities*
4:10 PM – 4:30 PM	Lecture: Buildings, Energy Efficiency, and Electrification *This lecture will cover current challenges in building energy efficiency and opportunities in electrification.*
4:30 PM – 5:00 PM	*Facilitated table-level discussion on decarbonization, energy systems, energy efficiency, and transportation electrification.*
5:00 PM – 5:10 PM	*Break*
5:10 PM – 5:30 PM	Lecture: Microeconomic Financial Levers for Decarbonization *This lecture will cover the different economic aspects of decarbonization, including tax credits, market development, and scaling new technologies.*

5:30 PM – 5:50 PM	Lecture: Workforce *This lecture will cover workforce needs, challenges, and opportunities around decarbonization.*
5:50 PM – 6:10 PM	*Facilitated table-level discussion on finance and labor considerations for decarbonization*
6:10 PM – 6:15 PM	*Learning module wrap-up*

Attendees:

- **Invited Speakers:** K. John Holmes (Board on Energy and Environmental Systems, NASEM), Varun Rai (Professor, University of Texas at Austin), Jeremy Michalek (Professor, Carnegie Mellon University), Amanda Webb (Associate Professor, University of Cincinnati), Steve Comello (Senior Vice President, Energy Futures Initiative), Erin Mayfield (Assistant Professor, Dartmouth College)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Anne Strauss-Wieder (Lecturer, Rutgers University), Cameron Oskvig (Board on Infrastructure and the Constructed Environment, NASEM), Stephanie Johnson (Water Science and Technology Board, NASEM)

Location: Salon A-B - Marriott Virginia Beach Oceanfront Resort

6:30 PM – 7:00 PM **Scheduled Break**

7:00 PM – 8:30 PM **Working Dinner and Regional Resilience Networking Showcase**

Dinner will be made available for CCX Congressional Fellows, invited experts, and NASEM staff adjacent to the Regional Resilience Networking Showcase.

The showcase will feature local organizations (City of Virginia Beach, CREW Carbon, Chesapeake Bay Foundation, Norfolk State University, Hampton Roads Planning District Commission, RISE Resilience, presenters from field visits (representing HRSD SWIFT and Dominion Energy), and NASEM staff representing different internal Boards (Water Science and Technology Board,

Board on Energy and Environmental Systems, Board on Infrastructure and the Constructed Environment).

Fellows will have the opportunity to connect with organizational representatives, listen to short presentations, and learn more about resilience initiatives in the Virginia Beach-Chesapeake-Norfolk area.

Attendees:

- **Presenters:** Chris Moore and Christy Everett (Chesapeake Bay Foundation), CJ Bodnar and Michael Tippin (City of Virginia Beach), Jo Katchinoff and Noah Planavsky (CREW Carbon), Greg Grootendorst, Whitney Katchmark, and Benjamin McFarlane (Hampton Roads Planning District Commission), Paul Robinson (RISE Resilience), Jay Bernas, Lauren Zuravnsky, and Dan Holloway (HRSD SWIFT), Stephanie Johnson (Water Science and Technology Board, NASEM), Cameron Oskvig (Board on Infrastructure and the Constructed Environment, NASEM), K. John Holmes (Board on Energy and Environmental Systems, NASEM)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Anne Strauss-Wieder (Lecturer, Rutgers University), Varun Rai (Professor, University of Texas at Austin), Jeremy Michalek (Professor, Carnegie Mellon University), Amanda Webb (Associate Professor, University of Cincinnati), Steve Comello (Senior Vice President, Energy Futures Initiative), Erin Mayfield (Assistant Professor, Dartmouth College).

Location: Executive Hospitality Room - Marriott Virginia Beach Oceanfront Resort

Day 3 – Sunday, March 2nd: Travel

8:00 AM – 9:00 AM **Check-out, Working Breakfast, and Daily Overview**

CCX Congressional Fellows will be served breakfast while National Academies staff present basic background information relevant to the site visit (Dominion Energy Offshore Wind Staging Area in Port of Virginia), an itinerary for the day, and travel logistics information for returning to Washington DC.

Attendees:

- **Presenter:** Ryan Gallasch (Congressional Affairs Officer, NASEM)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Cameron Oskvig (Board on Infrastructure and the Constructed Environment, NASEM), K. John Holmes (Board on Energy and Environmental Systems, NASEM), Stephanie Johnson (Water Science and Technology Board, NASEM), Varun Rai (Professor, University of Texas at Austin), Amanda Webb (Associate Professor, University of Cincinnati), Steve Comello (Senior Vice President, Energy Futures Initiative)

Location: Salon A-B - Marriott Virginia Beach Oceanfront Resort

9:00 AM – 10:00 AM **Transportation to the Port of Virginia**

10:00 AM – 12:00 PM **Site Visit: Dominion Energy Offshore Wind Staging Area in Port of Virginia**

10:00 AM – 11:00 AM Check-in, Welcome, and Site Overview
Fellows will hear from staff at Dominion Energy and learn about their offshore wind project. They will be briefed on safety procedures, the site layout, and walking tour route.

11:00 AM – 11:50 AM Offshore Wind Facilities Walking Tour

Fellows will go on a walking tour of Dominion Energy's offshore wind marshalling and staging facility at the Port of Virginia's Portsmouth Marine Terminal.

11:50 AM – 12:00 PM *Check-out and Depart*

Attendees:

- **Presenters:** G.T. Hollett (Director, Offshore Wind, Dominion Energy), Karl Humberson (VP Offshore Wind, Construction, Dominion Energy), Joshua Bennett (VP Offshore Wind, Operations, Dominion Energy), Samuel Rodriguez (Construction, Operations and Logistics Project Manager, Dominion Energy)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Varun Rai (Professor, University of Texas at Austin), Amanda Webb (Associate Professor, University of Cincinnati), Steve Comello (Senior Vice President, Energy Futures Initiative)

Location: Port of Virginia, Portsmouth Marine Terminal, 2000 Seaboard Avenue, Portsmouth, VA 23707

12:00 PM – 12:30 PM **Transportation to Cove Tavern**

12:30 PM – 2:00 PM **Lunch and Weekend Debrief**

CCX Congressional Fellows will have the opportunity to discuss cross-cutting themes from the weekend's learning modules and site visits. Prompts will be provided to facilitate discussion during the meal. National Academies staff will provide closing remarks.

Attendees:

- **Presenter:** Ryan Gallasch (Congressional Affairs Officer, NASEM)
- **Participants:** CCX Congressional Fellows, Fellowship Program Staff (NASEM), Varun Rai (Professor, University

of Texas at Austin), Amanda Webb (Associate Professor, University of Cincinnati)

Location: Cove Tavern, 711 Town Center Dr, Newport News, VA 23606

2:00 PM – 5:00 PM **Transportation back to Washington, DC** – 2:00 PM Departure Time

CCX Congressional Fellows and CCX Program Staff were dropped off at the National Academies Keck Center at 5:00 PM