



HUDSON RIVER ENVIRONMENTAL SOCIETY

2019 Hudson River Symposium: Ecosystem Response to Climate Change and Sea-Level Rise in the Hudson Estuary

Vassar College - College Center - Villard Room

Wednesday May 8, 2019: 8 am to 5:30 pm

Registration: 8 am. - Talks start at 9 a.m. - Poster session at 4 pm

8:00 Registration

9:00 Introduction – *Lucy Johnson, President, Hudson River Environmental Society*

9:15 Climate Change Session

- Introduction – *Emilie Hauser, Hudson River NERR*
- Assessing the Risk: Climate risk in the Hudson Valley - *Daniel Bader, Program Manager, Consortium for Climate Risk in the Urban Northeast at Columbia University Earth Institute*
- Adapting to New York's wetter climate - *Mark Lowery, Assistant Director Office of Climate Change NYSDEC*

10:35 Break

11:00 Fisheries Session

- Introduction - *David Yozzo, HDR, Inc.*
- Processes underlying climate driven shifts in mid-Atlantic Bight fish: Distributions inferred from sustained collaborative research within two winter fisheries- *John P Manderson, NOAA/NEFSC Oceans & Climate and Cooperative Research Branches*
- Adaptation to climate change: Can we better equip Hudson River fishes to succeed? - *David H. Secor, Professor, Chesapeake Biological Laboratory University of Maryland*
- Historical and projected changes in spawning phenologies of American shad and striped bass in the Hudson River Estuary - *Christopher C. Nack, SUNY ESF and O'Brien and Gere, a part of Ramboll*

12:50 Lunch (provided)



HUDSON RIVER FOUNDATION
for Science & Environmental Research, Inc.





HUDSON RIVER ENVIRONMENTAL SOCIETY

1:50 Tidal Wetlands

- Introduction – *Stuart Findlay, Cary Institute of Ecosystem Studies*
- Monitoring Hudson River tidal wetlands for climate change resilience - *Sarah Fernald, Hudson River National Estuarine Research Reserve*
- Sediment depositional history at three 3 Hudson River tidal wetlands - *Jon Woodruff and Brian Yellen UMASS, Dept. of Geosciences*
- Conserving Hudson River tidal wetlands in an age of sea-level rise - *Nava Tabak, Director of Science, Climate, & Stewardship, Scenic Hudson, Inc.*
- Using dredged material to enhance New Jersey salt marshes - *Joel A. Pecchioli, Research Scientist, Environmental Toxicology and Risk Assessment New Jersey Dept. of Environmental Protection (remote attendance)*

3:40 Concluding Remarks: *Karin Limburg SUNY ESF*

4:00 – 5:300 *Poster Session, Reception and Student Travel fund Raffle*





HUDSON RIVER ENVIRONMENTAL SOCIETY

Call for Poster Abstracts

2019 Hudson River Symposium:

Ecosystem Response to Climate Change and Sea-Level Rise in the Hudson Estuary

Wednesday May 8th, 2019 9:00 -5:30

College Center, Villard Room, Vassar College

The [Hudson River Environmental Society](#) is soliciting abstracts from graduate and undergraduate students, environmental monitoring groups, resource managers, and scientists for a poster session to be held during its May Hudson River Symposium. This year's symposium will focus climate change and sea-level rise impacts to the Hudson River ecosystem. HRES is soliciting poster abstract submissions related to this year's symposium topic but also seeks posters on the following topic areas:

Academic, government and volunteer environmental & monitoring programs, climate change impacts & programs, biogeochemistry, land use impacts, ecosystem function & dynamics, ecology & natural science, fisheries & wildlife biology, aquatic habitat restoration, non-indigenous species, water quality, society & environmental history.

Note that poster board dimensions are 48" x 36" (landscape or portrait, your choice). Though you may submit more than one poster abstract, HRES may need to limit the total number of posters presented due to available space. *We strongly encourage students to present posters!*

All abstract submissions must include the following (in M.S. Word format):

1. **Principal investigator (PI):** name, mailing address, phone, and email address;
2. **Names and affiliations of all Co-PIs;**
3. **Poster Title;**
4. **Abstract of 250 words or less;**
5. **Poster type:** undergraduate student, graduate student, or other
6. **If PI is a student,** include any requested travel funds and expense types (see below).
7. **Please provide submissions in a MS Word file.**

Abstracts must be submitted by Friday April 5, 2019 to: chuck.nieder@dec.ny.gov

Questions? Contact Chuck Nieder at 518-402-9216

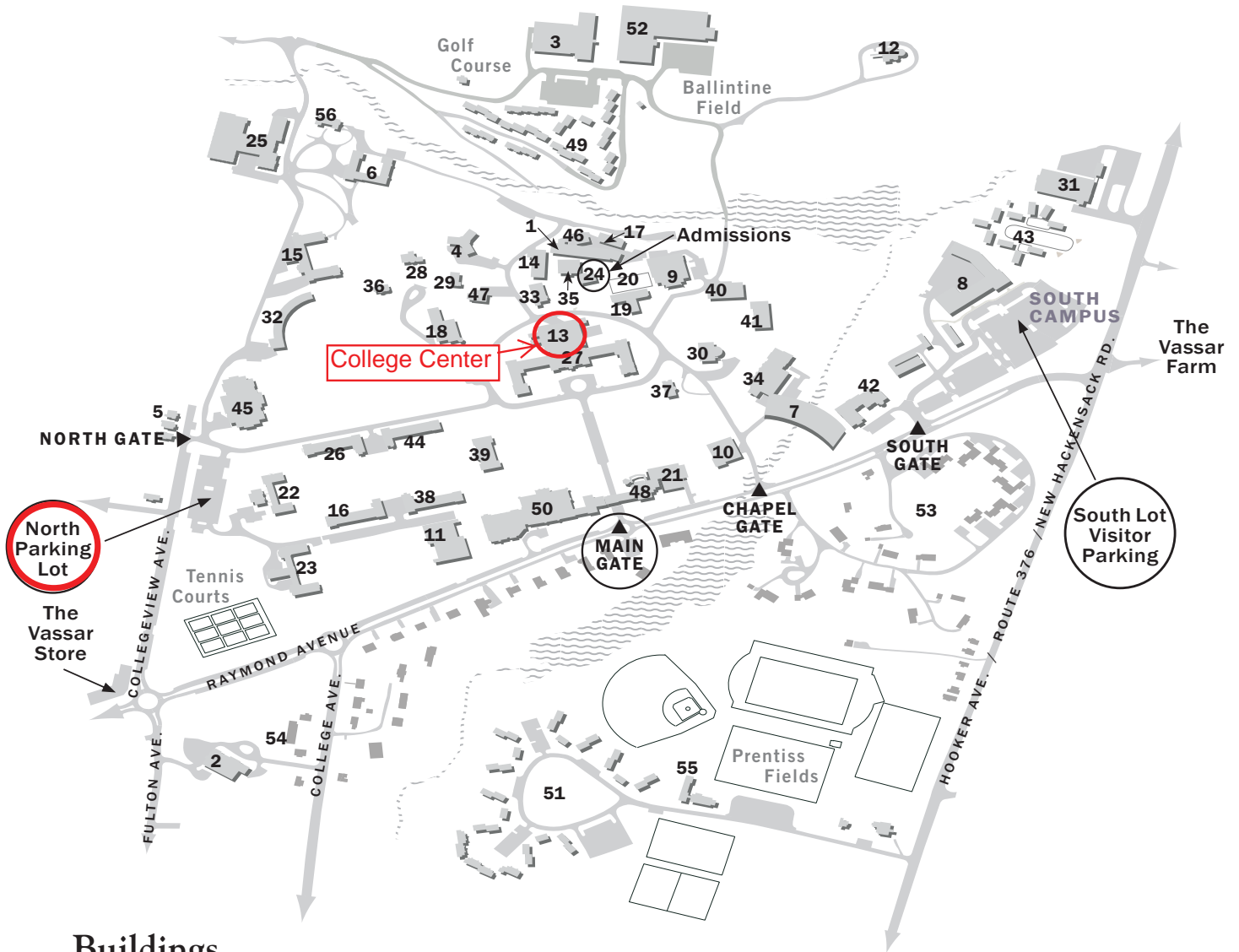
Student Travel Funds: Travel funds will be available for students whose posters are accepted. Travel funds are limited to only those expenses related to travel to and from the conference including lodging if necessary. All students who wish to receive travel reimbursement must estimate the amount requested and the expense type (e.g., train fare, taxi, subway, mileage) when submitting their abstract. The student registration fee will also be waived for *one* student presenter per poster. All student attendees will receive a discount on registration fees. Student travel and attendance is supported by the Grady Moore Fund.

Poster Presenters are expected to set up their posters in the morning and attend their poster during the Reception from 4:00 to 5:30 PM. HRES will provide poster boards and easels. Please bring fasteners (pins or clips) to attach your poster to the boards.

Conference Collaborators and Sponsors



Vassar College



Buildings

- | | | | |
|--|--------------------------------------|-------------------------------|-----------------------------------|
| 1 ALANA Intercultural Center | 14 Computer Center | 28 Maria Mitchell Observatory | 44 Strong House |
| 2 Alumnae House | 15 Cushing House | 29 Metcalf House | 45 Students' Building (ACDC) |
| 3 Athletic and Fitness Center | 16 Davison House | 30 New England | 46 Susan Stein Shiva Theater |
| 4 Baldwin House | 17 Doubleday Studio Art | 31 New Hackensack | 47 Swift Hall |
| 5 Bayit (Jewish Student Center) | 18 Ely Hall/Aula | 32 Noyes House | 48 Taylor Hall |
| 6 Blodgett Hall | 19 Ferry House | 33 Old Laundry Building | 49 Terrace Apartments |
| 7 Bridge for Laboratory Sciences | 20 Frances Daly Fergusson Quadrangle | 34 Olmsted Hall | 50 (Main) Thompson Library |
| 8 Buildings and Grounds Services Center | 21 Frances Lehman Loeb Art Center | 35 Powerhouse Theater | 51 Town Houses |
| 9 (Vogelstein) Center for Drama and Film | 22 Jewett House | 36 Pratt House | 52 Walker Field House |
| 10 Chapel | 23 Josselyn House | 37 President's House | 53 Watson Houses |
| 11 Chicago Hall | 24 Kautz Admission House | 38 Raymond House | 54 Williams House |
| 12 Class of 1951 Observatory | 25 Kenyon Hall | 40 Sanders Classroom | 55 Weinberg Field Sports Pavilion |
| 13 College Center | 26 Lathrop House | 41 Sanders Physics | 56 Wimpfheimer Nursery School |
| | 27 Main Building | 42 Skinner Hall of Music | |
| | | 43 South Commons | |