

The purpose of this survey is to better understand the energy perceptions and characteristics of the Columbia University community (students/faculty/staff) who live, work, and study on the Columbia campus.

Your participation in this survey is voluntary. You may choose not to participate. If you decide to participate in this survey, you may withdraw at any time. Whether or not you choose to participate in this project will have no effect on your relationship with Columbia now or in the future.

We do not ask for your name and your responses will remain confidential. The survey will take approximately 10 minutes. All survey responses will be tabulated in group format and the feedback/results will be made available.

By clicking "Next" below, you are consenting to participate.

**Please indicate your level of agreement with each of the following statements.**

|  | Strongly Disagree     | Disagree              | Neutral               | Agree                 | Strongly Agree        |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Energy conservation is considered a priority here at Columbia.   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Columbia should conserve energy.   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I should help Columbia conserve energy.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| It is my right to use as much energy as I want.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Columbia should be a nationally recognized leader in energy conservation.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| My personal actions, in combination with others, have a significant impact on the environment.                     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Recycling is important here at Columbia.   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Participation in sustainability initiatives is embedded into the campus culture at Columbia University.            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| There is more that I/my office/my residence hall could do to participate in Columbia's sustainability initiatives. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**Did you know...?**

|  | Yes                   | No                    |
|--|-----------------------|-----------------------|
| Screen savers use more energy, not save it.  | <input type="radio"/> | <input type="radio"/> |
| Many electronics consume energy while plugged in, even when not in use.  | <input type="radio"/> | <input type="radio"/> |
| It takes more energy to leave the lights on, rather than turn them off, even for a short while.                      | <input type="radio"/> | <input type="radio"/> |
| Washing clothes in hot water uses more energy than washing them in cold water.                                       | <input type="radio"/> | <input type="radio"/> |
| Leaving a fan on in an unoccupied room does not make the room cooler because the fan just recirculates the same air. | <input type="radio"/> | <input type="radio"/> |
| On average, a vehicle left idling for two minutes could have used that wasted fuel to drive 1 mile.                  | <input type="radio"/> | <input type="radio"/> |
| Over 80% of the waste stream is recyclable.  | <input type="radio"/> | <input type="radio"/> |
| Your level of consumption impacts budgets and the Columbia community.  | <input type="radio"/> | <input type="radio"/> |

**Please indicate the frequency of the following.**

|   | Never                 | Seldom                | Half the time         | Often                 | Always                |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| I encourage others to conserve energy.                                    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I practice energy conservation at Columbia.                               | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I feel a sense of responsibility for <b>Columbia's</b> carbon footprint.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I practice energy conservation at home.                                   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I feel a sense of responsibility for <b>my</b> personal carbon footprint. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**List three ways you see others wasting energy on campus.**

1.
2.
3.

**Tell us about these behaviors while on campus. (Skip items that do not apply to you)**

|   | Never                 | Seldom                | Half the time         | Often                 | Always                |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| I turn off the TV when I am done watching.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I turn off the water faucet while I am brushing my teeth.   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I currently recycle by segregating my paper, plastic, and metal waste into the appropriate bins.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| If I need to print, I print double-sided copies.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I support the concept of e-meetings by displaying meeting materials on projector and emailing materials to participants to reduce printing. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I keep electronic copies of important documents instead of printouts.   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| When I leave my unoccupied room/work space, I turn off my fan/AC.   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| When I leave my room/work space, I turn off the light(s).   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| When I leave the bathroom, I turn off the light(s).   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| When I am finished using my printer/speakers, I turn them off.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I use the stairs instead of the elevator/escalator.   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I open exterior doors/windows to compensate for excessively hot/cold rooms.   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**Some desirable behaviors require help. Would you...**

|  | Yes                   | No                    |
|--|-----------------------|-----------------------|
| Give up your desktop printer to use a faster, central, energy-efficient office printer?  | <input type="radio"/> | <input type="radio"/> |
| Be more likely to conserve energy if you were able to see the results of your efforts with real time usage data as feedback for your building? | <input type="radio"/> | <input type="radio"/> |
| Give up your personal, mini-refrigerator if a central, shared, and larger refrigerator was available?  | <input type="radio"/> | <input type="radio"/> |
| Refrain from opening windows/doors to compensate for heat/AC if a thermostat was available to regulate room temperatures?                      | <input type="radio"/> | <input type="radio"/> |

**\*Do you live in Columbia housing?**

Yes

No

**Tell us about your showers.**

**On average, my showers take \_\_\_\_ minutes per shower.**

Minutes

**On average, I take \_\_\_\_ showers per week (7 days).**

Showers

**Tell us about your laundry behavior.**

**On average, how many loads of laundry do you do in a week?**

Loads

**What percent of the time are those loads full?**

%

**What percent of the time do you use each of these wash settings? Note: Your responses must total 100%**

Hot

Water%

Warm

Water%

Cold

Water%

**Would you use a drying rack for your laundry, if provided, instead of a laundry room dryer?**

- Yes
- No
- Maybe

**For the list below of possible personal devices, check the box next to any of the items that you own.**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Laptop Computer         | <input type="checkbox"/> Toaster   | <input type="checkbox"/> Air (de)humidifier/purifier |
| <input type="checkbox"/> Desktop Computer        | <input type="checkbox"/> Personal (mini) refrigerator (under 2.5 cubic feet) | <input type="checkbox"/> Free-standing fan           |
| <input type="checkbox"/> Tablet                  | <input type="checkbox"/> Radio/iPod docking station                          | <input type="checkbox"/> Desktop fan                 |
| <input type="checkbox"/> Printer/scanner         | <input type="checkbox"/> Television  | <input type="checkbox"/> Hair dryer                  |
| <input type="checkbox"/> Computer speakers       | <input type="checkbox"/> DVD/Blu-Ray player                                  | <input type="checkbox"/> Hair straightener           |
| <input type="checkbox"/> Fax machine             | <input type="checkbox"/> Gaming console                                      | <input type="checkbox"/> Hair curler                 |
| <input type="checkbox"/> Paper shredder          | <input type="checkbox"/> Surround sound system                               | <input type="checkbox"/> Electric razor              |
| <input type="checkbox"/> Calculator (plugged in) | <input type="checkbox"/> Electronic musical instrument                       | <input type="checkbox"/> Two-way radios              |
| <input type="checkbox"/> Microwave               | <input type="checkbox"/> Chargers (cell phone, etc.)                         |  |
| <input type="checkbox"/> Coffee pot              | <input type="checkbox"/> Electric blanket                                    |  |

Other (please specify)

**Tell us about your behavior regarding the following statements.**

|  | Never                 | Seldom                | Half the Time         | Often                 | Always                |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| I unplug devices when not in use.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I turn off a power strip with these devices plugged into it when not in use. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**\*Do you have additional lights (non-novelty, not supplied by Columbia)?**

- Yes
- No



**You answered having additional lights on a previous question. Tell us more...**

Number of additional lights

Total bulbs for these lights

Hours "ON" per day

|                   |                      |                      |                      |
|-------------------|----------------------|----------------------|----------------------|
| Additional Lights | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|-------------------|----------------------|----------------------|----------------------|

**What percent of these additional lights use energy saving bulbs? (CFLs or LEDs)**

%

### Tell us more about recycling.

|   | Never                 | Seldom                | Half the time         | Often                 | Always                |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| I recycle in my residence hall/work space.                                | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I recycle around campus (classrooms, dining areas, library, etc.).        | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I am mindful to place recyclable material in the appropriate bin.         | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Bin placement and capacity is sufficient in my residence hall/work space. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Bin placement and capacity is sufficient around campus.                   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| University staff properly process the recycling bins.                     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

### With regards to sorting...

|  | Yes                   | No                    |
|--|-----------------------|-----------------------|
| Are you familiar with the New York City recycling rules that apply on Columbia's campus (separation of paper, plastics, and metal from regular trash)? | <input type="radio"/> | <input type="radio"/> |
| Do you have the tools necessary to segregate waste and participate in the campus recycling program?  | <input type="radio"/> | <input type="radio"/> |

### What would be the most effective way to education you about recycling programs available to you on campus?

**Tell us about your computing at Columbia.**

**While at Columbia, which of the following computer options do you use the most?**

- Laptop
- Desktop
- Computer Lab

**Tell us more about this computer...**

|               |                            |                      |   |
|---------------|----------------------------|----------------------|---|
|               | Hours "plugged-in" per day | Hours"ON" per day    | Set to sleep/hibernate after brief period of inactivity |
| This computer | <input type="text"/>       | <input type="text"/> | <input type="text"/>                                    |

**When I am finished using my computer,**

|                          | Never                 | Seldom                | Half the time         | Often                 | Always                |
|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| I turn the computer off. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| I turn the monitor off.  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**Are you aware of a "green" or sustainability group or organization on campus?**

- Yes
- No

If yes, please name the group(s).

**Are you a member of a "green" or sustainability group or organization on campus?**

- Yes
- No

**Are you interested in hearing more from Columbia about sustainability initiatives?**

- Yes
- No

**What are your preferred means of communication?**

- Email
- Events
- Department Meetings/Town Hall
- Smart Phone App
- Website
- Social Media (Facebook, Twitter, Instagram, etc.)

Other (please specify)

**What campus sustainability initiatives interest you the most?**

- University-wide initiatives and accomplishments
- Recognition of people/teams
- Academic research
- Student initiatives
- Best practices/tips for individuals
- Best practices/tips for departments and offices
- University events
- Photos/videos
- Local community resources and events

Other (please specify)

**What sustainability issues are you most interested in learning more about/getting involved with?**

- Resource conservation
- Re-use program
- Water
- Purchasing
- Greenhouse Gas Emissions
- Energy conservation
- Recycling/waste minimization

Other (please specify)

**\*Which of the following best describes you?**

- Resident Advisor
- Student
- Faculty
- Staff

## Gender

- Male
- Female

## Year in school

- First-Year
- Sophomore
- Junior
- Senior
- Graduate
- Other

## In which residence do you currently live?

- |  |                                   |                                  |
|--|-----------------------------------|----------------------------------|
| <input type="radio"/> I live off-campus (non-Columbia housing) | <input type="radio"/> East Campus | <input type="radio"/> Ruggles    |
| <input type="radio"/> University Apartments                    | <input type="radio"/> Furnald     | <input type="radio"/> Schapiro   |
| <input type="radio"/> 47 Claremont                             | <input type="radio"/> Harmony     | <input type="radio"/> Wallach    |
| <input type="radio"/> 548 West 113th                           | <input type="radio"/> Hartley     | <input type="radio"/> Watt       |
| <input type="radio"/> 600 West 113th                           | <input type="radio"/> Hogan       | <input type="radio"/> Wien       |
| <input type="radio"/> Broadway                                 | <input type="radio"/> John Jay    | <input type="radio"/> Woodbridge |
| <input type="radio"/> Brownstones                              | <input type="radio"/> McBain      |                                  |
| <input type="radio"/> Carman                                   | <input type="radio"/> River       |                                  |
| <input type="radio"/> Other (please specify)                   |                                   |                                  |

## How many roommates do you have?

Number of roommates, not including you:

## Tell us anything else here.

**Regarding a green office program, would you...**

Yes

No

Participate in a green office program if guidelines and resources were made available at Columbia?

Be more likely to adopt new behaviors to support sustainability at Columbia if you office was recognized as part of a green workspace program for its efforts?



## Gender

- Male
- Female

## In which department do you currently work?

- A&S Core General
- A&S EVP Admin
- Alumni & Development
- Anthropology
- Appl Physics & Appl Math
- Architecture
- Art History & Archaeology
- Astronomy
- Athletics
- Biological Sciences
- Biomedical Engineering
- Blinken European Inst (BEI)
- Business School
- CAME
- Campus Services
- CC Alumni & Development
- CEES
- Center for Iranian Studies
- Chemical Engineering
- Chemistry
- CISE
- Civil Engr & Engr Mecha
- Classics
- Clinical Trials Office
- Columbia Astrophysics Lab
- Columbia College
- Columbia Investment Mgt
- Columbia Technology Ventures
- Economics
- Electrical Engineering
- ENG Centers
- Engineering - Admin
- English & Comparative Lit
- Environ Hlth & Safety Ofc
- Environmental Stewardship
- Facilities
- Finance
- Finance Human Resources
- French & Romance Philology
- General Counsel
- General Studies
- Germanic Languages
- GEU Exc Academic Morningside
- Global Commons
- Gov't & Community Affairs
- Grad School Arts & Sciences
- Harriman Institute
- Heyman Center
- History
- Human Resources
- ICLS Research
- IIJS
- INCITE
- Industrial Engr & OR
- Information Technology
- Inst Animal Care & Use Comm
- Mechanical Engineering
- Medieval & Renaiass Prgm
- MESAAS
- Middle East Institute (MEI)
- Miller Theatre
- Music
- Nevis Laboratories
- Office Global Initiatives
- Office of Management and Budget
- Office of the President
- Office of the Secretary
- Office of the SEVP
- Ombuds Office
- Philosophy
- Physics
- Political Science
- Postdoctoral Affairs
- President Emeritus
- Procurement Services
- Provost Office
- Psychology
- Radiation Safety Office
- Registrar Admin
- Religion
- Research Training & Compliance
- School of Continuing Education
- School of Law
- School of Social Work

- Committee Global Thought
- Community & Public Affairs
- Computer Science
- Controller
- Core Operations
- Council European Studies
- CSER
- Ctr Capitalism & Society
- Ctr for American Studies
- E3B
- Earth & Environ Sci
- Earth & Environmental Engr
- Earth Institute Lamont
- Earth Institute Morningside
- East Asian Lang & Culture
- Institute of African Studies
- Institutional Review Board
- Internal Audit
- IRAAS
- IRWAG
- ISERP
- ISHR
- Italian
- Italian
- Jazz Studies
- Journalism
- Language Resource Center
- Latin American Studies
- Library Admin Servcs
- Mathematics
- School of the Arts
- SIPA
- Slavic Languages
- Society of Fellows
- Sociology
- South Asian Institute (SAI)
- Sponsored Projects Administration
- Statistics
- Student Admin Services
- Treasury
- University Programs & Events
- University Seminars
- Wallach Art Gallery
- Weatherhead East Asian Inst

## In which building do you currently work the most?

- 1244 Amsterdam Avenue
- 180 Varick Street
- 21 Claremont
- 2852 Broadway
- 2875 Broadway
- 2929 Broadway
- 3 Claremont Avenue
- 3180 Broadway
- 3280 Broadway
- 33 West 60th Street
- 330 Fifth Avenue
- 400 West 119th Street
- 404 West 116th Street
- 405 Lexington Avenue
- 419 West 119th Street
- 420 West 119th Street
- 423 West 118th Street
- 424 West 116th Street
- 430 West 116th Street
- 434 West 120th Street
- 450 Riverside Drive
- 47 Claremont
- 514 West 113th Street
- 516 West 112th Street
- 600 West 113th Street
- 605 West 113th Street
- 61 West 62nd Street
- 615 West 131st Street
- 635 West 115th Street
- 80 Claremont
- 90 Morningside Drive
- Alpha Delta Phi (526 West 114th Street)
- Casa Italiana
- CEPSR
- Chandler
- Columbia Alumni Center
- Computer Center
- Computer Science
- Delta Gamma (552 West 113th Street)
- Deutches Haus
- Dodge Hall
- Dodge Physical Fitness Center
- Earl Hall
- East Campus
- Engineering Terrace
- Faculty House
- Fairchild
- Fayerweather
- Furnald
- Greene Annex
- Greenhouse Nursery
- Hamilton
- Hartley
- Havemeyer Extension
- Havemeyer Hall
- Heyman Center
- Hogan
- Horace Mann
- Interchurch Center
- Intercultural Resource Center (552 West 114th Street)
- International Affairs
- International Affairs Extension
- International House
- Lerner Hall
- Lewisohn
- Low Library
- Mathematics
- McBain
- McVickar Hall
- Mudd
- Northwest Corner Building
- Phi Epsilon Pi (536 West 114th Street)
- Philosophy
- Prentis Hall
- President's House
- Psi Upsilon (542 West 114th Street)
- Pupin
- River
- Ruggles
- Schapiro
- Schapiro CEPSR
- Schermerhorn
- Schermerhorn Extension
- School of Social Work
- Service Building
- Shapiro Theater
- Sigma Chi (523 West 113th Street)
- Sigma Delta Tau (540 West 114th Street)
- Sigma Nu (556 West 113th Street)
- Sigma Phi Epsilon (550 West 113th Street)
- St. Paul's Chapel
- The School at Columbia
- University Hall
- Uris

- Alpha Epsilon Pi (546 West 113th Street)
- Armstrong Hall
- Avery Hall
- Baker Field
- Broadway Residence Hall
- Buell Hall
- Butler Library
- Carman Hall
- Casa Hispanica
- Jerome Greene
- Jerome Greene Annex (Law School)
- Jerome Greene Hall (Law School)
- John Jay
- Journalism
- Kappa Alpha Theta (534 West 114th Street)
- Kappa Delta Rho (548 West 114th Street)
- Kent
- Knox Hall
- Kraft Center
- Wallach
- Watson
- Watt
- Wien
- William & June Warren (Business Law)
- William C. Warren Hall
- Woodbridge
- Zeta Psi (531 West 113th Street)

**In which residence do you currently live?**

- I live off-campus (non-Columbia housing)
- University Apartments
- 47 Claremont
- 548 West 113th
- 600 West 113th
- Broadway
- Brownstones
- Carman
- Other (please specify)
- East Campus
- Furnald
- Harmony
- Hartley
- Hogan
- John Jay
- McBain
- River
- Ruggles
- Schapiro
- Wallach
- Watt
- Wien
- Woodbridge

**Please tell us anything else here.**

Thank you for completing this survey!

The purpose of this survey is to better understand the energy perceptions and characteristics of the Columbia University community members who live, work, and study on the Columbia campus.

The survey responses will only be tabulated in group format.

## **SURVEY INCENTIVES**

**Your responses and contact information will remain confidential, but if you would like to be eligible for the survey incentive drawing, please provide your active Columbia email address. (Providing your email address below serves as consent to contact you.)**

Email  
Address

*Thank You for Your Time!!!*

If you have any questions or are interested in discussing this research further, please contact Columbia Facilities:

>> **Person X, Columbia Facilities Department ~ (555) 555-5555 or [person.x@columbia.edu](mailto:person.x@columbia.edu)**

>> **Samantha Bowkley, NORESO ~ (412) 443.5850 or [sbowkley@noresco.com](mailto:sbowkley@noresco.com)**

*Statistics on energy consumption and recycling rates found on [www.epa.gov](http://www.epa.gov) and [www.energy.gov](http://www.energy.gov)*