

YALE

PLANETARY SOLUTIONS



## YPS News

### Announcing the Yale Planetary Solutions 5-Year Report, 2020-2025



The YPS 5-Year Report is now available on our website! This report celebrates and elevates the work being done by the Yale community to imagine, catalyze, and propel solutions to climate and sustainability challenges. By chronicling current and past work and highlighting a few of the innumerable efforts of students, faculty, staff, alumni, and friends over the past five years, the report demonstrates Yale's positive contributions toward a healthier planet and thriving communities. [Read the report](#).

### Faculty & Staff: Join Us for the Upcoming YPS Grant Program Symposium!



We invite faculty and staff interested in the YPS Grant Program and the new Planetary Solutions Impact Accelerator to join us for a symposium on Friday, December 5! Hear from past grant recipients via lightning talks and posters, connect with potential collaborators for your next project, and enjoy a networking reception. [Register on Yale Connect!](#)

### Watch: Yale Blue Green London's Panel on Sustainable Development and Urban Adaptation



In October, YBG-London hosted a panel discussion featuring four alumni working on key aspects of



sustainable development and urban adaptation. These perspectives wove together in a rich conversation on how to change behavior in cities, re-imagine city life, and creatively and adequately meet people's basic needs while protecting the planet. [Read more](#) and [watch the recording](#).

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## Community News

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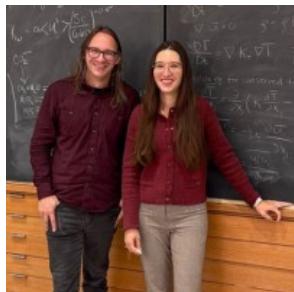
### Turning to Trees for Sustainable Photoluminescence



Photoluminescent materials can absorb and re-emit light, like a glow-in-the-dark sticker. These materials are essential for many modern technologies. A team of Yale researchers has developed photoluminescent materials solely based on a waste product: lignin from the pulp-and-paper industry and the amino acid histidine. Safe and renewable, lignin may prove to have a glowing future in photoluminescent technology. [Read more](#).

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### Pushing Boundaries: Yale-Affiliated Projects are Winners in Climate Solutions/AI Challenge



A pair of projects that are leveraging Yale research to address the global climate threat — a game-changing forecasting system for marine carbon dioxide removal strategies and a new approach to reducing methane emissions from livestock systems — are among the winners of a worldwide competition for climate change solutions that harness the power of AI. [Read more](#).

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## Opportunities

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[Clean and Equitable Energy Development Certificate Program: Apply by November 10](#)

[Sobotka Seed Prize for Sustainable Ventures: Apply for Up to \\$20K by November 16](#)

[Apply by November 17: Yale GIS Accelerator January 2026!](#)

[Want to Take Your Club to the Next Level? Apply for Tsai CITY Student Club Affiliation by November 21](#)

[Apply by November 24: FORGE Connecticut Product Development Funding Program](#)

[Apply Now for the Yale Center for Natural Carbon Capture's \(YCNCC\) Postdoctoral Fellowship Program](#)

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## Upcoming Events

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Climate Innovation Intensive Showcase  
November 5, 2025, Tsai CITY

Edward P. Bass Distinguished Lecture: "To Know Our Trees" with W. John Kress  
November 5, 2025, Yale Science Building

The Arrogant Ape: The Myth of Human Exceptionalism and Why It Matters with Christine Webb

November 6, 2025, Sterling Law Building

"Water Cosmology, Water Crisis, Water Power: Hydrometaphysics Beyond Metaphor" (Institute of Sacred Music)

November 6-7, 2025, Miller Hall

Yale Clean Energy Conference

November 6-8, 2025, Yale School of Management

Beyond LEED Certification: Bill Reed's Lecture on Regenerative Design for a Sustainable Built Environmental

November 11, 2025, Sage Hall

YIBS Friday Seminar with Matthew Huber: "What Is Paleoclimate Research Good For? Pasteur's Quadrant and the Usefulness of Studying the Past"

November 14, 2025, Environmental Science Center

BIOMES: Sparkle Malone Presents, "Decoding Resilience: Context-Specific Ecosystem Responses to the Climate Crisis"

November 19, 2025, Kroon Hall

"Representing Climate Wreckers" with Camila Bustos '21

November 19, 2025, Sterling Law Building

YPS Fall 2025 Grant Program Symposium

December 5, 2025, Sterling Memorial Library

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