



CENTER ON GLOBAL TRANSFORMATION

School of Global Policy & Strategy

2017-18 ANNUAL REPORT



Photo by Teodoro Martinez
MIA 2019 candidate
San Diego, CA

DIRECTOR'S MESSAGE

AUGUST 2018

Greetings from the Center on Global Transformation (CGT) at the UC San Diego School of Global Policy and Strategy (GPS).

I would first like to take a moment to thank Professor Ulrike Schaede for her years of dedicated service to CGT. In 2011, she joined the Center as executive director and during the next seven years worked tirelessly to create a vibrant environment for intellectual exchange and a hub for reflection and action by leaders from the Pacific region. In 2016, she founded GPS's Japan Forum for Innovation and Technology (JFIT) and will now devote her time to supporting its mission and expanding its reach.

Now in our 12th year of operation, our Pacific Leadership Fellows (PLF) program remains a cornerstone of the Center's activities. To date, we are proud to have welcomed 90 distinguished leaders from 22 countries. During their residences, fellows share insights with our community, thereby elevating discourse on campus regarding global business, economics and politics.

During the 2017–18 academic year, we welcomed five fellows, who hail from Costa Rica, South Korea, Thailand, Ukraine, and the United States. They addressed, among other themes, economic developments in ASEAN nations; the domestic and global sources of income inequality in the United States; current challenges confronting global trade; geopolitical conflict in Ukraine; and the future of technology and digital health.

Another key CGT initiative is to grant research awards that launch new academic initiatives at GPS and across campus. These grants support faculty and graduate student research in economics, international relations, global management and public policy, and help GPS strengthen intellectual ties with our colleagues in engineering, earth and environmental sciences and health sciences on campus. This past year, the Center awarded three major grants, which address AI and the future of society, the health costs of localized pollution from coal-fired power plants in India, and the use of big data to analyze the U.S. housing market – as well as seven smaller grants through GPS's Policy Design and Evaluation Lab (PDEL).

The Center also continues to partner with the campus-wide Big Pixel Initiative to apply new methods in machine learning to satellite imagery in order to measure and evaluate urbanization, land use, and economic growth and development at a global scale and in close to real time. This year, Big Pixel developed new research collaborations with the World Bank, the U.K. International Growth Centre and the U.S. Federal Emergency Management Agency to evaluate the economic consequences of transportation infrastructure investment in India and the short and long-run impacts of extreme weather events on communities in the U.S. and Southeast Asia.

We thank all of you for your continued generosity and engagement: our founding supporters Joan and Irwin Jacobs, our dedicated staff and scholars, and our community of friends, collaborators and PLFs. I hope to see you at our many public events this coming year.



Gordon Hanson



ACKNOWLEDGEMENTS

Joan and Irwin Jacobs' philanthropic support has had a significant impact on numerous cultural, medical, educational and civic organizations in San Diego. Since 2006, they have supported the vision of Dean Peter Cowhey and Director Gordon Hanson and faculty to make the creation and continued success of CGT possible. Their support enables our campus and the Greater San Diego region to become a center for reflection and action by leaders from the Pacific region, as well as a catalyst for innovative research.



Rafael Fernández de Castro welcomes guests to a panel event titled "U.S.-Cuba Ties: A Thaw, Revisited."



Eduardo Porter, economic scene columnist at The New York Times, participates in a NAFTA panel for Mexican reporters.

YEAR AT A GLANCE 2017-18 HIGHLIGHTS

WELCOMED FIVE PACIFIC LEADERSHIP FELLOWS from Costa Rica, Korea, Thailand, Ukraine and the United States.

CONTINUED COLLABORATION with UC San Diego's Big Pixel Initiative, which is developing geospatial capacity to address the world's greatest challenges at scale.

HOSTED A RANGE OF PUBLIC TALKS on topics such as ASEAN economies in the current political climate; the global and domestic trends of income inequality; current challenges for trade in America and a course for future economic engagement; domestic and geopolitical challenges facing Ukraine; and forecasting the future of digital health and technology.

PROVIDED 10 RESEARCH GRANTS to fund both ongoing and new, innovative research projects by professors and graduate students.

GORDON HANSON'S CO-AUTHORED PAPER titled "The China Shock" (chinashock.info) continues to generate innumerable headlines since it was released in 2016. He remains a faculty expert for journalists in the areas of immigration, trade and NAFTA and appears in leading news outlets such as The Economist, The New York Times and The Washington Post.

LAUNCHING A NEW RESEARCH FELLOW PROGRAM

As CGT's first-ever research fellow, Terra Lawson-Remer is bridging research and the real world in the classroom and creating new connections outside of it.

Lawson-Remer, previously served as a fellow at the Council on Foreign Relations and a senior adviser at the U.S. Department of the Treasury during the first Obama administration. In addition, she has served as scholar at the U.N. World Institute for Development Economics Research and a nonresident fellow in the Global Economy and Development program at Brookings Institution.

As a CGT's research fellow, Lawson-Remer shared "I hope the work I bring is a bit of a bridge between research and the real world."

In teaching a 2017 GPS course titled *Managing Mission-Driven Organizations*, Lawson-Remer pulled into the classroom her practical experience as the founder and managing partner of Catalyst, a global research, strategy and legal firm focusing on evidence-based approaches to social and environmental justice.

Beyond teaching and collaborating with students, Lawson-Remer noted enjoyed learning from and forging new connections with other members of CGT and researchers around UC San Diego.

She noted that "There are a lot of people here with similar work. I'm hopeful this will unlock collaborations with them. That's what I think is exciting about CGT. It creates possibilities for collaboration."



Terra Lawson-Remer is CGT's first-ever research fellow.

PACIFIC LEADERSHIP FELLOWS

CGT's Pacific Leadership Fellows program brings leaders to UC San Diego from around the globe to engage in dialogue, research and instruction with students, alumni, faculty and the San Diego community. Fellows comprise remarkable scholars and policymakers who shape strategy in their own countries through government, private sector and academia, and provide valuable insight into how economic and political systems are evolving. Having completed its 12th year, CGT now has hosted 90 fellows from 22 different countries.

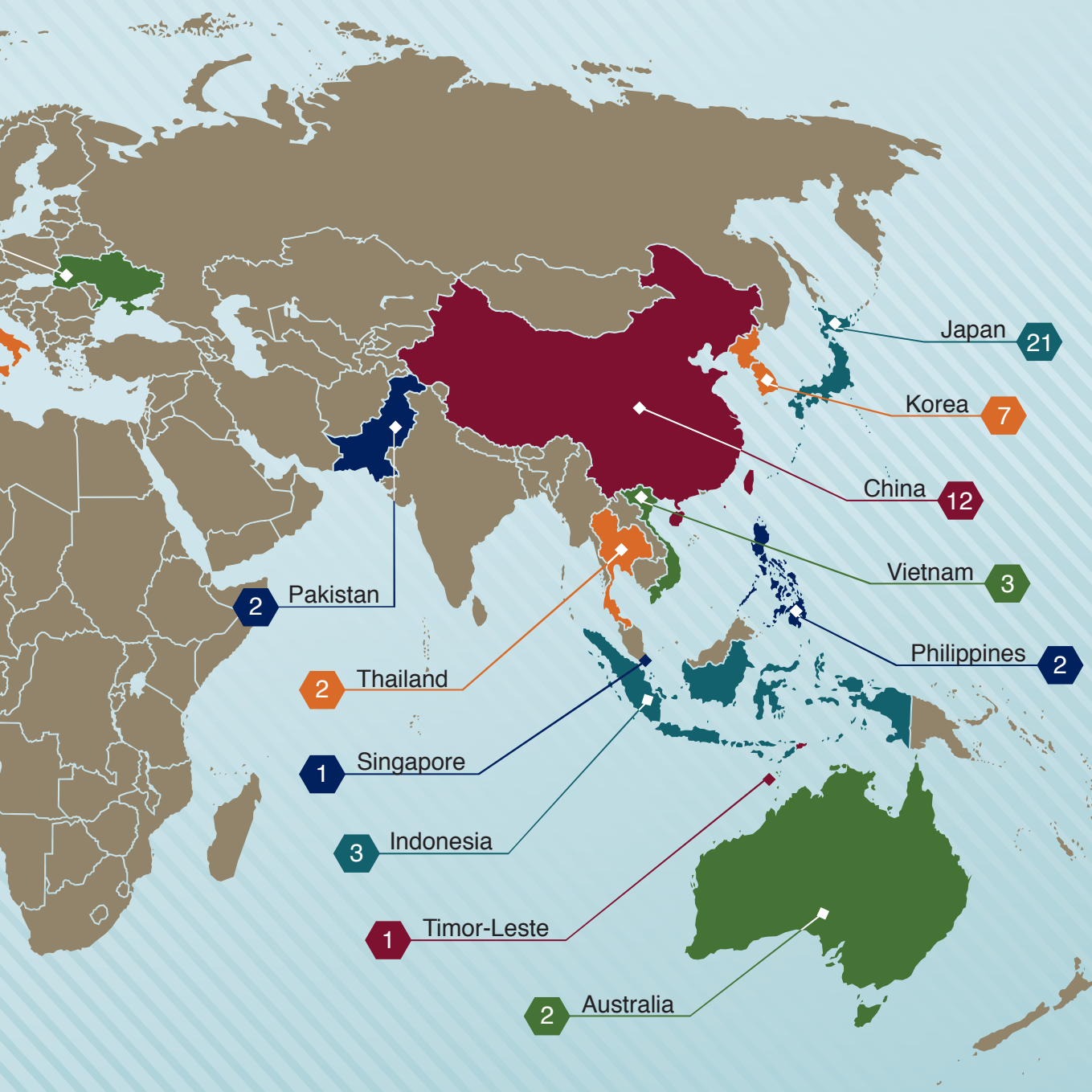
◆ Denotes number of past fellows from that country



FELLOWS ACTIVITIES

While in residence, each fellow fulfills a number of responsibilities. Though their events and interactions vary based on interests and length of stay, each fellow will:

- **COLLABORATE** with a faculty partner on a project or initiative
- **MENTOR** students informally and in a classroom setting
- **SPEAK** at a public program or guest lecture at community events
- **ENGAGE** with other UC San Diego departments
- **CONNECT** with the broader San Diego regional community, and business, government or nonprofit leaders
- **INTERACT** with supporters and the local community





SOMKIAT TANGKITVANICH

OCT. 30 – NOV. 6, 2017

Faculty Host: Krislert Samphantharak

MANAGING RISK TO ACCELERATE ECONOMIC GROWTH

Somkiat Tangkitvanich is the president of the Thailand Development Research Institute, a well-recognized think tank in Thailand. He has been recognized as a leading Thai expert in the areas of trade and investment policies, innovation policy, education policy and ICT policy. He is an Eisenhower Fellow and a member of the Trilateral Commission. Tangkitvanich is a weekly commentator for Thai PBS, Thailand’s public television.

During his residency, Tangkitvanich delivered a presentation to UC San Diego students, faculty and community members about ASEAN economies in the current political climate,

ultimately suggesting the U.S. should increase trade and investment. In addition to his public talk, he connected with faculty and guest lectured in the GPS course titled “Politics of Southeast Asia”, and met with many students including hosting an event for the Southeast Asia Link student group. Tangkitvanich also visited the Qualcomm Institute and Border X Brewery in San Diego to explore business technology and entrepreneurship. He further took his interests over the border to explore the BIT Center and MindHub in Tijuana.



DISCUSSING THE TRENDS OF INCOME INEQUALITY



EDUARDO PORTER

JAN. 22–26, 2018

Faculty Host: Gordon Hanson

Eduardo Porter writes the Economic Scene column for The New York Times. Formerly he was a member of their editorial board, where he wrote about business, economics and various other topics. He began his career in journalism over two decades ago as a financial reporter for Notimex, a Mexican news agency in Mexico City. He was deployed as a correspondent to Tokyo and London and has served as editor of the business magazine América Economía. In 2000, he worked for The Wall Street Journal in Los Angeles covering the growing Hispanic population. He is author of the book “The Price of Everything”.

As a fellow, Porter engaged closely with UC San Diego’s Center for U.S.-Mexican Studies and met with several GPS faculty members. He gave a guest lecture in the GPS course titled “Economic Policy in Latin America” followed by an event with students. In addition to presenting a public talk on “Curbing Inequality,” where he discussed the global and domestic trends of income inequality, he also presented in the Good Government Speaking Series at the San Diego Regional Chamber of Commerce. During his time with CGT, he also visited Tijuana to meet with local businesses and professionals from the private and government sectors.





ALBERTO TREJOS

FEB. 10–18, 2018

Faculty Host: Gordon Hanson

CHARTING A COURSE FOR ECONOMIC ENGAGEMENT

Alberto Trejos is a professor and dean at INCAE Business School and served as Costa Rica’s Minister of Foreign Trade from 2002 to 2004. Additionally, he is the director of South Africa’s Brenthurst Foundation, chairman of the Presidential Advisory Committee on Economics to the President of Malawi and is a member of the International Advisory Board to Mozambique’s President. He is a board member for several Costa Rican corporations, including BAC San Jose bank, Cuestamoras and El Financiero. He has been a consultant for a variety of governments,

international organizations and companies across 50 countries in Latin America, Europe and Africa.

During his residency, Trejos delivered a public talk on “Trade in the Americas: Its Importance, Challenges and Future” to the campus and local community. Analyzing today’s political climate, he described current challenges and proposed a course for future economic engagement. In addition, he gave a guest lecture in a GPS Spanish class and attended a lunch with students. He also appeared as a speaker in a podcast with the Institute of the Americas discussing sustainability issues in Costa Rica. He met with several faculty members from both GPS and the Rady School of Management and concluded his visit with time in Tijuana, visiting local businesses and the border wall.



SVIATOSLAV (SLAVA) VAKARCHUK

FEB. 20–22, 2018

Faculty Host: Jesse Driscoll

DOMESTIC AND GEOPOLITICAL CHALLENGES FACING UKRAINE

Sviatoslav (Slava) Vakarchuk is a Ukrainian civic activist, musician and the lead vocalist and founder of the band Okean Elzy. He is a co-founder of Center for Economic Strategy, an independent policy think tank aimed at supporting reforms in Ukraine in order to achieve sustainable economic growth, and founder of a charity fund called “Lyudi Maybutnyogo” (People of the Future). Vakarchuk was a member of the Ukrainian Parliament in 2007-08 and a member of the Parliamentary Committee on Freedom of Expression and Information. In 2003, he became an Honorary Ambassador of Culture in Ukraine and in 2005, he became a Goodwill

Ambassador for the United Nations Development Program.

As a fellow, Varachuk delivered a presentation to UC San Diego students, faculty and community members on the state of the Ukraine and Russian relationship and welcomed a lively question and answer session. He met with GPS faculty and several community members in La Jolla as well as attended several meetings in Los Angeles.





GREGORY LEE
 APRIL 30 – MAY 18, 2018
 Faculty Host: Ulrike Schaede

FORECASTING THE FUTURE OF DIGITAL HEALTH AND TECHNOLOGY

Gregory Lee is the global president of Nokia Technologies. Most recently, he served as president and CEO of Samsung Electronics, North America with a focus on driving fast growth and operational excellence. Lee is a proven consumer technology leader with a wealth of experience in transforming organizations and driving innovation. At Samsung, he managed a portfolio of products including mobile phones and consumer electronics, as well as those in new market segments such as digital health and digital

content. During his 13-year career at Samsung, he also served as Samsung’s Global CMO, president of Samsung Asia and president and CEO of Samsung Telecommunications America.

During his residency, Lee explored the topic of technology and communication and gave a public talk on “The Future of Digital Health,” in which he discussed critical issues of adaptation, accelerators of technological advancement and success stories of the digital age. In addition, he met with faculty at GPS and from a variety of departments, including bioengineering, robotics and business. Having served as a panelist at the recent JFIT “AI and the Future of Society” conference, Lee noted schools like GPS can be really helpful at preparing our workforce and creating policies that are friendlier to technology changes.



UPCOMING PACIFIC LEADERSHIP FELLOWS

The following are the confirmed 2018–19 Pacific Leadership Fellows. Visit cgt.ucsd.edu for an updated list.

FELLOW	RESIDENCY DATE
JUHONG CHEN Vice President, Tencent, China	Fall 2018
HIROKO KUNIYA Journalist and Newscaster, Japan	Fall 2018
LUCIANO REZENDE Mayor, City of Vitória, Brazil	Fall 2018
ARUNA SUNDARARAJAN Secretary of the Indian Department of Telecommunications, India	Fall 2018
ARINDAM BHATTACHARYA Senior Partner and Director, BCG Henderson Institute, The Boston Consulting Group, India	Spring 2019

2017 SUMMER FELLOWSHIPS

CGT's summer fellowship program was established to assist GPS students in conducting high-caliber summer internships related to research on economic growth, equality and market change in the Pacific region.



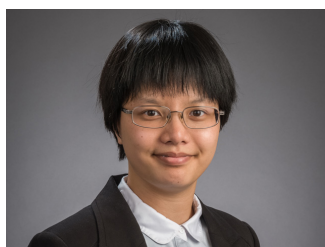
MEGHNA JAIN, MIA '18, interned in Washington, D.C. at Technoserve, a leader in harnessing the power of the private sector to help people lift themselves out of poverty. She worked on formalizing the approach to aggregating

impact data from Technoserve's Small Growing Business projects, and analyze data from across its portfolio to identify opportunities to systematize measurement and tracking of key metrics. At GPS she studied international economics and international management, with a regional focus on Southeast Asia.



NATHAN SCHMITT, MIA '18, worked at the Mexico Desk for the International Trade Administration at the United States Department of Commerce in Washington, D.C. His team researched the

outcomes of economic integration and trade with Mexico to determine qualitatively and quantitatively how trade policy has influenced U.S. businesses and citizens, and prepared work for the first round of negotiations to reform NAFTA. At GPS he studied international economics, with a regional focus on Latin America.



YINGTAO XIE, BA/MIA '18, worked at the Brazilian Confederation of Agriculture and Livestock (CNA) in Brazil. She interned with CNA's International Relations Office that works diligently to strengthen the international

presence of the Brazilian agribusiness and to expand the access of Brazilian goods in foreign markets. She collected, processed and analyzed data on international trade and related topics as well as execute CNA's strategic plan for China. In addition, she analyzed the impact of various trade policies on Brazilian agriculture and researching about agricultural regulations in major agricultural producers, especially China. At GPS she studied international economics, with a regional focus on both Latin America and China.



VENUS TANG, MIA '18, interned in Atlanta, Georgia at the International Rescue Committee (IRC), which responds to the world's worst humanitarian crises and helps people whose lives and livelihoods are shattered by

conflict and disaster to survive, recover and gain control of their future. She worked at the economic empowerment unit that works with Atlanta's employment specialists to find employment for every eligible adult client. At GPS she studied international politics, with a regional focus on Japan.



ADAM ROSENBERG, MIA '18, interned in Washington, D.C. at the Office of the United States Trade Representative (USTR) and assisted with translation and interpretation as well as preparing briefing docs and

memos for the Interagency Trade Enforcement Center at the USTR. At GPS he studied international politics and international management, with a regional focus on China.

ACADEMIC EVENTS

CGT engages with other research centers, universities, corporations and government agencies to provide a focus for dialogue.

ASEAN: OPPORTUNITY AND RISK

OCT. 30, 2017

Somkiat Tangkitvanich, president of the Thailand Development Research Institute, shared his views on how Southeast Asian countries will continue to accelerate economic growth in the current global economic and political climate. He discussed how countries in the region are working to accomplish the goals laid out in ASEAN Vision 2020.

U.S.-CUBA TIES: A THAW, REVISITED

JAN. 17, 2018

In 2014, the U.S. announced that it would end its policy of hostility and look to engage Cuba. With the change in U.S. administrations, this optimism turned to pessimism as President Trump threatened to roll back the Obama administration rapprochement. Ultimately, the Trump administration's policies reinstate restrictions on Americans traveling to Cuba and U.S. business dealings with the military-run conglomerate. This panel discussion looked at the recent developments and new constraints for the future relationship between the two countries. This event was co-sponsored by the GPS Center for U.S.-Mexican Studies.

CURBING INEQUALITY

JAN. 24, 2018

What is the case for curbing income inequality in the U.S. and other nations? How would doing so affect economic growth around the world? Do we have the policy and business tools to address inequality? Eduardo Porter, economic scene columnist at The New York Times, discussed the power and limits of redistribution and assess other tools to mitigate inequality in market incomes.

TRADE IN THE AMERICAS: ITS IMPORTANCE, CHALLENGES AND FUTURE

FEB. 13, 2018

Alberto Trejos, dean of INCAE Business School of Costa Rica, presented a public talk discussing the value of trade among partners in the Western Hemisphere. Analyzing today's political climate, he described current challenges and proposed a course for future economic engagement.



VISIONS OF UKRAINE WITH SVIATOSLAV (SLAVA) VAKARCHUK

FEB. 20, 2018

Sviatoslav (Slava) Vakarchuk is a Ukrainian civic activist, musician and the lead vocalist and founder of the band Okean Elzy. He spoke candidly on the domestic and geopolitical challenges facing Ukraine and welcomed a lively question and answer session.

THE FUTURE OF DIGITAL HEALTH

MAY 9, 2018

Gregory Lee, global president of Nokia Technologies, discussed the business opportunities and challenges for healthcare and related technologies. How do we bring the doctor's office into the home? The digital disruption may soon make this possible. Digital health promises faster diagnosis, improved monitoring, higher rates of adherence, better preventative care, overall higher efficacy and lower costs in healthcare. But how will we get there, and what will it take to make the system safe and sound?



JFIT welcomed a group of 50 scholars and practitioners from the U.S., Germany and Japan to explore digital disruptions including proposing practical solutions for practitioners and policymakers.

RESEARCH GRANTS

CGT fosters academic inquiry at GPS and departments across UC San Diego by offering grants for innovative research, as well as supporting seven grants for faculty and doctoral students through PDEL. CGT grants also funded the following major projects.

AI AND THE FUTURE OF SOCIETY: A GLOBAL APPROACH TO UNDERSTANDING THE DIGITAL DISRUPTION

ULRIKE SCHAEDE, PROFESSOR, GPS

The Japan Forum for Innovation and Technology (JFIT) held a critical two-day conference to launch a new, multi-year research program aimed to explore digital disruptions including proposing practical solutions for practitioners and policymakers. The goal was to analyze the ongoing changes associated with AI, IOT, industry 4.0 and society 5.0, with a focus on the social science perspective and the global comparison. The conference brought together an international group of 50 scholars and practitioners from the U.S., Germany and Japan to discuss the role of global social science research in the ongoing discourse on the future of production, business, work and regulation.

LOCALIZED POLLUTION AND HEALTH COST FROM COAL-FIRED POWER PLANTS IN INDIA

TEEV RAT GARG, ASSISTANT PROFESSOR, GPS

The objective of the research project is to document the localized pollution and health costs from coal-fired power plants as well as to test to what extent the economic benefits from electrification are local versus national. Teevret Garg is working with colleagues at Ecole Polytechnique and Carnegie Mellon University and is turning to high-resolution satellite imagery to find out. The initial results proved very promising when the research was presented at environmental meetings in Pittsburgh in 2017. With the help of GPS alumnus William Honaker '16, they are now working on a number of different geographic information system (GIS) related tasks including creating semi-circular buffers with changing wind speeds.



U.S. HOUSING BIG DATA

JOSHUA GRAFF ZIVIN, PROFESSOR, GPS

With big data top of mind, Joshua Graff Zivin is using Zillow's housing data for the U.S. that includes all transaction over the past 20 years along with a rich set of covariates. Because the dataset is vast, Zivin is turning to the UC San Diego Supercomputer Center to host and analyze it. Once analyzed, he and team of four graduate students will parse the data and run detailed analyses. Pending permission from Zillow, the team will also explore the opportunity to pursue the spectral analysis of this important U.S. housing data.

cgt.ucsd.edu

STAY CONNECTED

The center wants to keep you informed. Follow us on social media to explore new ways to connect with members of our global community and keep up to date with the latest events and news.

Information and updates can be found on Facebook, Twitter, Instagram and YouTube.



UC San Diego

SCHOOL OF GLOBAL POLICY AND STRATEGY

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