



TUESDAY APRIL 4, 2017
ROOM 10-485, 12:30-6:00PM

CONSCRIPTING CLIMATE

Environmental Risk & Defensive Urbanism

Massachusetts Institute of Technology
School of Architecture & Planning
77 Massachusetts Avenue
Cambridge, MA 02139
Department of Urban Studies & Planning
City Design & Development Group

City Spring '17
Lectures
**Design &
Development**



SCHEDULE

OPENING REMARKS 12:45 PM

Aria Finkelstein and Hannah Teicher
*Doctoral Candidates, MIT Department
of Urban Studies and Planning*

**KEYNOTE: CLIMATE CHANGE AND
THE SECURITIZATION OF NATURE 1:00 PM**

Simin Davoudi
*Professor of Environmental Policy and
Planning, Newcastle University*

PANEL 1: FRAMING CLIMATE SECURITY 2:15 PM

John E. Morton
*Former Senior Director for Energy and Climate Change,
National Security Council*

James Goudreau
*CAPT, SC, USN (Ret) and Former Acting Deputy
Asst Secretary of the Navy for Energy*

James P. Allen
*U.S. Army Engineer Research and Development Center and
University of Illinois, Department of Urban and Regional Planning*

Damian White
Professor of History, Philosophy, and the Social Sciences, RISD

COFFEE BREAK 3:45 PM

INTRO TO PANEL 2 4:15 PM

Aria Finkelstein and Hannah Teicher

PANEL 2: THE PRACTICE OF CLIMATE SECURITY 4:30 PM

Simin Davoudi, Moderator

Paul Holland
Senior Analyst, Marstel-Day

Sarah E. Light
*Assistant Professor of Legal Studies and Business Ethics, The
Wharton School*

Cate Fox-Lent
Research Civil Engineer, U.S. Army Corps of Engineers

Sharon Rooney
Chief Planner, Cape Cod Commission

CLOSING REMARKS 6:00 PM

Aria Finkelstein and Hannah Teicher

RECEPTION 6:15 PM



ABOUT THE SPEAKERS

JAMES (Jim) P. ALLEN

Jim Allen is a Research Civil Engineer and Program Manager with the U.S. Army Engineer Research and Development Center, a Faculty Instructor for the Army War College, and a PhD student in the Department of Urban and Regional Planning at the University of Illinois. He is a licensed professional engineer, certified National Highway Institute instructor, Colonel in the Army Reserves, and recognized technical expert. In his current position he applies a combination of professional engineer knowledge and extensive military and transportation planning to provide innovative solutions to unique problems for the Department of Defense. Jim has previously worked for the Illinois Department of Transportation, the Federal Highway Administration, and as an Assistant County Engineer.

SIMIN DAVOUDI

Simin Davoudi is Professor of Environment Policy & Planning and Director of the Global Urban Research Unit at the School of Architecture, Planning & Landscape, Newcastle University and the Associate Director at Newcastle Institute for Research on Sustainability (NIReS). She is past President of the Association of the European Schools of Planning (AESOP), Fellow of the Academy of Social Sciences (FACSS) and Fellow of the Royal Society of Arts (FRSA). Simin has been expert advisor for national and local government bodies, has chaired and been a member of numerous research assessment panels, and has led and participated in tens of research projects on spatial planning, environmental governance, and climate change and resilience. Simin is co-Editor of the *Journal of Environmental Planning & Management*, founding member of the editorial team of *21st Century Society* (*Journal of the Academy of Social Sciences*) and member of the editorial boards of 9 other international, peer-reviewed journals. She has published dozens of academic articles and ten books on topics including urban resilience, climate governance, and justice in spatial planning. Her recent books include: *The Resilience Machine* (forthcoming, 2018), *Justice and Fairness in the City* (2016), and *Planning for Climate Change* (2009).

ARIA RITZ FINKELSTEIN

Aria Finkelstein is a doctoral candidate in the Department of Urban Studies and Planning at MIT and a guest student at the Marine Policy Center at Woods Hole Oceanographic Institute, where she researches coastal and off-shore urbanization and development processes. Before returning to school at MIT, Aria worked as an urban designer and planner in and around Atlanta. There, she facilitated participatory planning processes, helped Georgia communities create comprehensive, land use, and development plans, and conducted site and facility assessments for private, municipal, and military clients. As a planner at the Georgia Conservancy, she also helped design curricula and hold workshops training government officials, building professionals, and the public on urban design principles and practice. Aria holds an M. Arch and an M.S. Urban Design from Georgia Tech and a B.A. in English from the University of Georgia.

CATE FOX-LENT

Cate Fox-Lent works for the R&D arm of the US Army Corps of Engineers in Risk and Decision Sciences. As an engineer in decision science, she uses methods such as life-cycle assessment and multi-criteria decision analysis to help the Corps assess and evaluate alternative courses of action for adaptive management, dredged sediment management, asset management, resilience management and disaster response. Cate holds a bachelor's degree in Geological Sciences from Brown University and a master's degree in Civil and Environmental Engineering from Carnegie Mellon University.

JIM GOUDREAU

Jim Goudreau is currently serving as the Head of Climate at Novartis, and is focused on global corporate strategy and policy to increase climate and energy resilience through investments in mitigation and adaptation actions. These efforts include efficiency through technology and behavior change as well as business process changes focused on an internal price of carbon and external energy procurement strategies. Jim recently joined Novartis having retired from the U.S. Navy, culminating his career in the U.S. Pentagon working on energy and climate resilience issues. While attached to the Secretary of the Navy's staff (including serving as the Acting Deputy Assistant Secretary of the Navy for Energy) and the Chief of Naval Operations' staff he focused on a holistic application of technology, partnerships and behavior change to improve capabilities and reduce vulnerabilities globally across the Navy and Marines Corps. Jim holds a Bachelor of Science degree from Norwich University, a Masters in Management degree from Troy University and has completed the Tuck Executive Program at the Dartmouth College Tuck School of Business.

PAUL HOLLAND

Paul Holland is a Senior Analyst for Marstel-Day, where he advises federal clients on policy challenges at the nexus of land use planning, climate change, conservation, and environmental security. Since joining Marstel-Day, he has served as an expert advisor and consultant to senior leaders within the Department of the Navy, Department of the Air Force, and U.S. Fish and Wildlife Service. Mr. Holland previously worked as a Legislative Fellow in the office of Representative Bobby Scott, advising the Congressman on energy and environmental policy. Mr. Holland received his AB in History from Princeton University and his MSc in Nature, Society, and Environmental Policy from Oxford University. He is a former Fellow of the Royal Geographical Society. In 2014, he was a candidate for the Virginia House of Delegates and was appointed by Governor Terry McAuliffe to represent the Commonwealth of Virginia on the Interstate Commission on the Potomac River Basin.

SARAH E. LIGHT

Sarah Light is an Assistant Professor of Legal Studies and Business Ethics at the Wharton School of Business at the University of Pennsylvania, where she teaches Environmental Management, Law, and Policy. She has also taught at Penn Law School and Columbia University. Light's research examines issues at the intersection of environmental law and business and technological innovation. Her articles have addressed the regulatory implications of the rise of transportation platforms like Uber and Lyft, as well as autonomous vehicles;

and the U.S. military's role in stimulating private technological innovation to reduce fossil fuel use in what Light has called The Military-Environmental Complex. Previously, Light served for ten years as an Assistant United States Attorney for the Southern District of New York, Civil Division, and for four years as the Chief of the Office's Environmental Protection Unit. Light earned her J.D. from Yale Law School, an M. Phil in Politics from Oxford University where she was a Rhodes Scholar, and an A.B. in Social Studies magna cum laude from Harvard College.

JOHN E. MORTON

John Morton is the former White House Senior Director for Energy and Climate Change at the National Security Council. He brings more than twenty years of experience in emerging markets, investment finance, and economic and environmental policy. Mr. Morton had overall responsibility for coordinating the Obama Administration's policies and strategies on international energy and climate change issues. Earlier in the Administration, Mr. Morton was the Chief of Staff and Chief Operating Officer of the Overseas Private Investment Corporation. At OPIC, Mr. Morton managed the Agency's day-to-day operations, including its 250 employees and \$20 billion investment portfolio in over 100 countries. Prior to joining OPIC, Mr. Morton was Managing Director of Economic Policy at The Pew Charitable Trusts. Before Pew, he served as director of National Security Policy for the John Kerry presidential campaign. Previously, Mr. Morton was an investment officer with Global Environment Fund, where he oversaw global investments in environmental infrastructure projects. Mr. Morton began his career as a strategy consultant with Mercer and managing World Bank projects in the former Soviet Union. Mr. Morton received an MBA from Wharton an MA from Johns Hopkins SAIS and a BA from Harvard.

SHARON J. ROONEY

Sharon Rooney is Chief Planner for the Cape Cod Commission, a regional planning and regulatory agency serving 15 towns in Barnstable County, MA. With professional training in both planning and landscape architecture, her work focuses on improving the function and character of communities, managing growth, and restoring ecological functions in a sensitive coastal environment. Ms. Rooney manages the Planning and Community Development Department that provides direct local planning and design services to Cape communities and is responsible for the five-year update and implementation of the Cape Cod Regional Policy Plan, which guides the Commission's planning activities and regional regulatory review. She has been actively engaged in land use planning efforts with Joint Base Cape Cod and the surrounding communities for over 15 years. Ms. Rooney holds a Master's Degree in Landscape Architecture from Harvard University Graduate School of Design and a Bachelor of Science in Regional Analysis/Environmental Design from the University of Wisconsin. She is currently 1st Vice-Chair of the Regional and Intergovernmental Planning Division of the American Planning Association. She is a Registered Landscape Architect in the Commonwealth of Massachusetts and a Member of the American Institute of Certified Planners (AICP) since 2007.

HANNAH M. TEICHER

Hannah M. Teicher is a doctoral candidate in the Department of Urban Studies and Planning at MIT working on the urban politics of adaptation to climate change. She is currently researching how urban/military collaborations shape adaptation in governance and built form. In a previous project, she examined the role of large real estate firms in developing autonomous adaptation strategies. Before coming to MIT, she taught courses on design history and sustainable design at Emily Carr University of Art and Design and conducted applied research on electric vehicle infrastructure with the UBC Transportation Infrastructure and Public Space lab. Previously, she practiced architecture in Vancouver, BC, taking a leading role on green residential and community buildings including the award-winning Ecoheritage multi-family residential project with Shape Architecture. As an urban design critic, she wrote for Canadian Architect, Tangential Vancouverism and Vancouver Matters considering the outcomes of large-scale sustainable development projects.

DAMIAN WHITE

Damian White is a sociologist and political theorist with teaching and research interests in the sociology of design, architecture and adaptive reuse; urban and environmental sociology with a particular interest in urban political ecology; historical and political sociology; critical theory, urban studies and photography. He earned a BA (First Class) in Political Science and American Studies from the University of Keele, an MSc in Political Sociology and Political Theory from Birkbeck College, University of London and a PhD in Sociology from the University of Essex. White has published four books to date: *Bookchin: A Critical Appraisal* (Pluto Press, UK/University of Michigan Press USA, 2008), *Technonatures: Environments, Technologies, Spaces and Places in the Twenty-First Century* (Wilfred Laurier Press, 2009), *Autonomy, Solidarity, Possibility: The Colin Ward Reader* (AK Press, 2011) and *The Environment, Nature and Social Theory: Hybrid Approaches* (Palgrave Macmillan, 2015) with Alan Rudy and Brian Gareau. He is presently working on *The Future by Design: A History and Sociology of Design Utopianism and Design Futurism*, which is under contract with Berg. White is on the editorial board of *Design Philosophy Papers* and has been a guest editor of *Science as Culture* and *InTAR: Journal of Adaptive Reuse*. He has lectured widely on these topics in North and South America, Europe and South East Asia. He is the winner of the Edna Schaffer Humanist Award (2008) and the John R Frazier Award for Excellence in Teaching (2012).

UPCOMING SPRING '17 LECTURES CITY DESIGN & DEVELOPMENT GROUP

WED 4.5

Clare Lyster

Learning From Logistics: Research, Write, Index, Design

Wednesday Designing Practice Series

Long Lounge, 7-429, 6:30-8PM

THURS 4.6

Bernd Pannenstein

Land use planning in Mexico and Urban Challenges of the Metropolitan Area of Guadalajara

City Arena, 9-255, 12:30-2PM

TUES 4.18

Gentrification Beyond Displacement

City Arena 9-255, 5:30-7PM

MON 5.1

Kim Dovey

City as Assemblage

City Arena, 9-255, 12:30-2PM

WED 5.3

Vishaan Chakrabarti

Mobilism: Architecture And The Public Metropolis

Wednesday Designing Practice Series

Room 10-485, 12:30-2PM

WED 5.10

Claire Weisz

Wednesday Designing Practice Series

Room 10-485, 12:30-2PM

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