

NEXUS

SUSTAINABILITY LEADERS SUMMIT

HARLEY-DAVIDSON MUSEUM "THE GARAGE"



ABOUT THE CONFERENCE

The Water Council and Marquette University are teaming up for a conference on corporate sustainability, water and energy resiliency, and stewardship. The Nexus Sustainability Leaders Summit builds on the strong history of The Water Council's Water Leaders Summit and the Marquette Sustainability Lab's Sustainability 2.0 Conference. We are exploring sustainability-related topics across water, energy, finance, manufacturing, agribusiness, artificial intelligence, technology and strategy.



THE WATER COUNCIL



MARQUETTE
UNIVERSITY

College of Business Administration
Sustainability Lab

EVENT MODERATOR



Charles Fishman: Journalist and Author

Charles is an award-winning reporter and New York Times bestselling author, whose storytelling ranges from the busiest maternity ward in the U.S. to America's only bomb factory. Fishman started his career at the Washington Post as a reporter; then at the Orlando Sentinel as a Sunday magazine writer and editor; and eventually the News & Observer in Raleigh, NC, as an assistant managing editor. He was a founding staff member of Fast Company magazine. Fishman is the author of "The Wal-Mart Effect" and of "The Big Thirst," the bestselling book about water in a generation. He is the co-author of the #1 New York Times bestseller "A Curious Mind."

SUMMIT FEATURES

- One-on-One Conversation with Keynote Speaker
- Multiple Panel Discussions with Engaging Sustainability Leaders
- Small Group Roundtables
- Water Warrior of the Year Award

PANEL TOPICS

- **Energy Transition or Energy Expansion?**
Keeping Up With a Changing Society
- **Breaking the Bottlenecks:**
How Can We Overcome Hurdles in Technology, Financing and Permitting to Achieve Solutions More Quickly?
- **The Role of Artificial Intelligence in Modern Energy & Water Infrastructure**
- **Building Climate Resilience**
- **Sustainable Financing & the Need for a New Paradigm**

FEATURED SPEAKERS

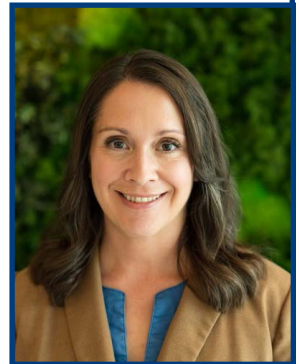


Balamurugan Balakreshnan: Chief AI Officer/Architect - Microsoft

Balamurugan Balakreshnan brings extensive leadership in driving digital transformation initiatives through the strategic application of artificial intelligence (AI) and cloud-based digital solutions. He is a key player in the nation's first manufacturing-focused AI Co-Innovation Lab at the University of Wisconsin-Milwaukee. Previous to his eight years with Microsoft, he served as a solutions architect at Komatsu Mining Corp., working on building next-generation IOT manufacturing solutions.

Karen Dettmer: Director of Water Resources U.S. - Ramboll

Karen Dettmer manages Ramboll's Water Resources Division in the Americas, oversees key client accounts in the Mid-Atlantic region and advises on business development strategies for water infrastructure programs. She recently served as managing director for infrastructure implementation at the U.S. Environmental Protection Agency's (EPA) Office of Water. In this role, she supported implementation of the \$50 billion water infrastructure investment from the bipartisan Infrastructure Investment and Jobs Act. Prior to joining the EPA, Karen spent 15 years serving the City of Milwaukee, most recently as commissioner of public works and superintendent of Milwaukee Water Works.



Katie McGinty: Vice President and Chief Sustainability & External Relations Officer - Johnson Controls Inc.

Katie McGinty has more than 25 years of public and private sector experience - including becoming the first woman to serve as Chair of the White House Council on Environmental Quality - and is a recognized innovator in clean energy and environmental protection. In her role, she champions technology development, sustainability, and creative policies that tackle climate change, encourage smart buildings and energy efficiency, drive impactful net-zero carbon strategies, and bring forward initiatives and partnerships that are needed to solve tough environmental challenges.



SUMMIT AGENDA: DAY ONE

Tuesday, October 29, 2024

- 10:00 am Registration Begins
- 11:15 am Welcome & Opening Remarks
- 11:30 am **One-on-One Conversation:** Keynote Speaker Katie McGinty
Vice President and Chief Sustainability and External Relations Officer - Johnson Controls Inc
Moderated by Charles Fishman
- 12:00 pm Lunch
- 12:45 pm **Panel Discussion:**
Energy Transition or Energy Expansion? Keeping Up With a Changing Society
Charles Hua: Founder & Executive Director - PowerLines
Brent Ridge: President & CEO - Dairyland Power
Paul Wilson: Department Chair & Grainger Professor of Nuclear Engineering -
University of Wisconsin-Madison
- 2:00 pm Break
- 2:15 pm **Keynote Panel Discussion:**
Breaking the Bottlenecks: How Can We Overcome Hurdles in Technology,
Financing and Permitting to Achieve Solutions More Quickly?
Karen Dettmer: Director of Water Resources U.S. - Ramboll
Megan Gibson: Senior Attorney - Southern Environmental Law Center
Adam Cernea Clark: Director of Permitting & Policy Strategy - Pattern Energy
- 3:30 pm Break
- 3:45 pm **Small Group Roundtable Discussion:** Ways to Speed Up Innovation
- 5:00 pm Reception

SUMMIT AGENDA: DAY TWO

Wednesday, October 30, 2024

8:00 am	Breakfast
8:30 am	Welcome Water Warrior of the Year Award
8:45 am	Panel Discussion: The Role of Artificial Intelligence in Modern Energy & Water Infrastructure Balamurugan Balakreshnan: Chief Artificial Intelligence Officer/ Architect - Microsoft Chad Steighner: Chief Digital & Information Officer - Clarios
10:00 am	Break
10:30 am	Panel Discussion: Building Climate Resilience Jenny Oorbeck: Co-Founder & Managing Partner - Fresh Coast Climate Solutions Karine Rougé: CEO Municipal Water - Veolia North America Sanjiv Sinha: CEO - CIS (formerly Corvias Infrastructure Solutions)
11:45 am	Break
12:00 pm	Lunch
1:00 pm	Panel Discussion: Sustainable Financing & the Need for a New Paradigm Stephen Brown: Chief Network Officer - Coalition for Green Capital Andrew Greeley: Managing Director, Finance & Operations - Triangle Digital Jay McEntire: CEO & Co-Founder - Arva Intelligence Corp
2:15 pm	Closing Remarks

PANELIST SPEAKERS



Stephen Brown: Chief Network Officer - Coalition for Green Capital

Stephen's career spans over 20 years of government relations, public affairs, and green finance experience with a focus on building a national network of community lenders capable of deploying billions in capital for clean energy projects in low income, disadvantaged communities. Stephen built Capital Assets Energy LLC, a successful clean energy development consulting firm that specialized in financing retrofits of commercial, non-profit, and multi-family properties with energy efficient and renewable energy improvements. He also founded the Clean Energy Fund of Texas Inc (TxCEF) which focused on making the green economy affordable and just for all Texans.

Adam Cernea Clark: Director of Permitting & Policy Strategy - Pattern Energy

Adam has been with Pattern since 2015 and has extensive experience working on diverse natural resource issues related to permitting and environmental policy. He has worked on major infrastructure projects including inter-state transmission facilities and the largest single-phase wind generation project in the history of North America. He has experience working with the conservation community to address environmental concerns and develop appropriate mitigation related to large-scale renewable and transmission projects in a collaborative and open fashion.



Megan Gibson: Senior Attorney - Southern Environmental Law Center

Megan's career has focused on energy at the federal level and across the region. She skillfully navigates interactions with governmental bodies at all levels, utilizing filings, discussions, and legal actions to advocate effectively—all with an eye toward decarbonizing and modernizing our grid. Renowned for her expertise in siting and permitting, linear infrastructure projects, and meaningful engagement with affected communities and landowners, born from many years of representing impacted parties against captured regulatory agencies. Prior to joining SELC, she was Chief Counsel at the Niskanen Center, where she led the Center's legal strategy.



Andrew Greeley: Managing Director, Finance & Operations - Triangle Digital

Andrew is a highly accomplished portfolio manager with a natural entrepreneurial spirit. With over 30 years of experience in the industry, Andrew has held senior positions at Acorn Derivatives Management Corp. and Additive Advisory and Capital LLC where he has led and developed unique and successful investment strategies, built and managed high-performing teams, and established customized risk controls to meet the unique needs of clients.



PANELIST SPEAKERS



Charles Hua: Founder & Executive Director - PowerLines

Charles is the Founder and Executive Director of PowerLines, a new nonprofit organization aiming to modernize utility regulation to accelerate affordable, reliable, and clean energy for American consumers. Previously, he served as a Senior Policy Advisor at the U.S. Department of Energy, helping develop strategies around grid modernization and clean energy, and as a Policy Analyst at Rewiring America, working to advance building electrification. Additionally, he has consulted for Fortune 500 companies, government labs, and international NGOs on climate and energy issues, including Airbus, Lawrence Berkeley National Laboratory, and the Environmental Defense Fund.

Jay McEntire: CEO & Co-Founder - Arva Intelligence Corp

Jay has a successful track record of fintech and executive leadership in financial services software and energy. Jay has directed his keen eye for finance and technology to found Arva Intelligence. Arva Intelligence provides technology powered by AI to optimize agronomic decisions at the farm level to create a more profitable and sustainable future for producers. Arva helps these producers generate environmental impacts for downstream commodity buyers and industrial companies looking to decarbonize. In addition, Jay is an operating manager of Glennoe Farms, and managing partner of M2 Capital Partners. Jay previously served as CEO of Cogency Software Inc.



Jenny Oorbeck: Co-Founder & Managing Partner - Fresh Coast Climate Solutions

Jenny is Co-founder and Managing Partner of Fresh Coast Climate Solutions. Prior to launching this start-up with business partner Joshua Brugeman, Jenny successfully launched and established sustainability business lines for global businesses while serving as Sustainability General Manager at NSF International and Executive Director at SCS Consulting Services. Jenny's 20+ year environmental career has encompassed creating cutting-edge sustainability programs for a wide range of clients including startups to fortune 500 companies, governmental agencies, and non-profit organizations.



Brent Ridge: President & CEO - Dairyland Power

Brent is a people-focused leader committed to sustainability, safety and providing reliable, cost-effective electricity for Dairyland's members and customers. With over 20 years in the utility industry, Brent has diverse experience including finance, treasury, enterprise risk management, asset management, human resources, supply chain, information services and energy services and development. Prior to Dairyland, Brent served as Vice President, Corporate Services, and Chief Financial Officer and Treasurer at Energy Northwest (Richland, Wash.).



PANELIST SPEAKERS



Karine Rougé: Chief Executive Officer Municipal Water - Veolia North America

Karine Rougé has served as the Chief Executive Officer of Veolia North America's Municipal Water services since 2022. Karine worked for Suez for 11 years and has extensive experience in the water industry both in North America and Europe, where she led various strategic and people-led transformations in the digital, municipal and industrial water sectors. She achieved double digit growth in the smart monitoring of water and energy consumption in commercial and residential buildings. Additionally, she led a profound strategic and cultural transformation, achieving double digit growth globally as well as a significant expansion of offerings and market positioning.

Sanjiv Sinha: Chief Executive Officer and Board Member - CIS

Sanjiv is a national leader in urban infrastructure/greening programs, overseeing the implementation of hundreds of green stormwater infrastructure projects totaling nearly \$450 million across the Mid-Atlantic, Great Lakes and West Coast regions. In April 2023, Dr. Sinha took over CIS, spun-off from the Corvias Group LLC, to enable focused branding to better leverage its pioneer status in water-sector, community-based partnerships centered on equity, innovation, and collaboration. At the end of year one, under his leadership, CIS has rebranded, number of staff quintupled, number of clients more than tripled, and new offices were opened in Milwaukee, Seattle, Ann Arbor, Sacramento, and near Philadelphia.



Chad Steighner: Chief Digital & Information Officer - Clarios

In his current role Chad serves as Chief Digital and Information Officer with key priorities of operating and securing the IT landscape, overseeing IT project delivery, leading advanced manufacturing, and acting as a digital catalyst to the company. Chad directs IT investments and leads employees located around the world along with support of contract staff and managed service firms. Chad has more than 22 years of experience designing, building, and deploying systems in various manufacturing environments. Prior to joining Clarios in 2007, Chad managed the systems group for a private electrical engineering firm where he designed and deployed industrial automation, batching and traceability solutions worldwide for clients.



Paul P.H. Wilson: Grainger Professor of Nuclear Engineering - University of Wisconsin-Madison

Paul is currently the department chair of the University of Wisconsin-Madison's Department of Nuclear Engineering & Engineering Physics. Paul's research uses computer models to improve the designs of complex nuclear energy systems and to shed light on important policy aspects of the nuclear fuel cycle, including nuclear waste management and non-proliferation. Paul joined the University of Wisconsin-Madison as an assistant professor in August 2001 as part of the Energy Systems and Policy Hiring Initiative.



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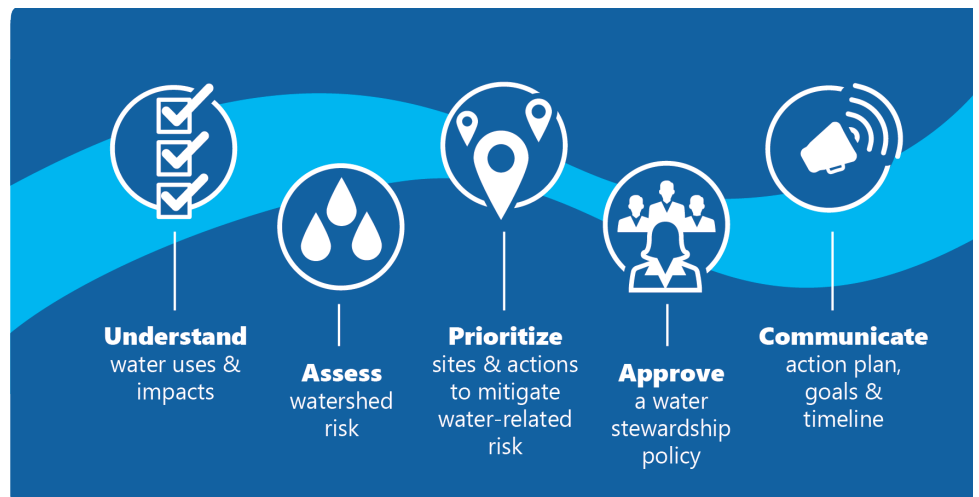
<https://www.marquette.edu/business/executive-education/esg-sustainable-finance.php>

THE WATER COUNCIL STEWARDSHIP PROGRAM

“Nearly 90% of climate impacts are related to water. That’s why the WAVE program is so important. It helps businesses understand their water risks, create a plan of action and, most important, verify through an independent third-party that they are taking the right actions in the right place at the right time.”

-Emilio Tenuta, Chief Sustainability Officer, Ecolab

WAVE: Water Stewardship Verified accelerates strategic water stewardship actions within organizations of all sizes and industries. WAVE’s proven step-wise approach provides a methodology to help organizations assess water use, impact and risk across the enterprise. It is the only verification program of its kind helping to better define and recognize “good” enterprise-wide water stewardship.



WAVE verified organizations credibly demonstrate that they are prioritizing water-related action where it matters most, ultimately mitigating water-related risk and addressing shared water challenges and opportunities while building a more water-resilient operation.



WAVE

Water Stewardship
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MARQUETTE UNIVERSITY

GRADUATE SCHOOL OF MANAGEMENT PROGRAMS

BUSINESS WITH PURPOSE: Develop the knowledge to succeed, the principles to lead and the confidence to connect what's good for business with what's good for people. Graduate School of Management (GSM) students learn from expert and caring faculty, engage with high-quality classmates and join a community of more than 20,000 business alumni.

MASTER OF BUSINESS ADMINISTRATION (MBA)

The Marquette MBA industry-aligned curriculum advances students' knowledge of core business disciplines, strategy, leadership and ethics. The Marquette MBA supports the needs of working professionals through classroom, hybrid and online class formats. Students may pursue a STEM-designated MBA by pursuing the Business and Managerial Analytics specialization.

31.5 – 42 credits

EXECUTIVE MBA (EMBA)

Fast-track your career without interrupting it. EMBA students expand their professional impact with an ethically focused, globally conscious management approach. The Marquette EMBA offers a 17-month cohort-based format with top instructors, small classes, practical and theoretical learning, and a close-knit community of leaders.

17 months

ONLINE MBA

The Marquette online MBA provides the MBA curriculum with the guarantee of online courses. Through the online MBA, students access the challenge, support and care of the Marquette community with the flexibility of online learning. The online MBA is a great fit for students who prefer the flexibility and learning experiences from asynchronous online courses.

31.5 – 42 credits

MASTER OF SCIENCE IN ACCOUNTING

The M.S. in Accounting provides the technical expertise to become a Certified Public Accountant and experiences to obtain a position with a professional services firm or well-recognized corporation.

30 credits

MASTER OF SCIENCE IN ACCOUNTING ANALYTICS

The M.S. in Accounting Analytics (MSAA) offers an enhanced focus on the technology skills and business analytics software vital for today's data-rich environment while maintaining a central focus on the accounting, auditing and financial reporting background necessary to sit for the CPA Exam. The MSAA is a STEM-designated program.

30 – 31 credits

MASTER OF SCIENCE IN APPLIED ECONOMICS

Marquette's STEM-designated M.S. in Applied Economics (MSAE) curriculum is designed to produce practitioners who can design, develop and interpret economic models with courses that emphasize the application of economic theory and the use of quantitative techniques. Students conclude their MSAE studies with a professional project supported through faculty mentorship.

30 credits

MASTER OF ARTS IN CORPORATE COMMUNICATION

This interdisciplinary program combines public relations fundamentals and communication theory with an advanced business education to prepare professionals for executive-level communication roles in an increasingly complex communication landscape.

30 credits

MASTER OF SCIENCE IN FINANCE

The MSF curriculum or the Master of Science in Finance curriculum combines finance, economics and programming skills courses to align with the needs of finance careers. Students work with a faculty mentor on a yearlong, in-depth professional capstone project.

30 credits

MASTER IN MANAGEMENT

Leading the people of an organization requires specialized knowledge and skills. The Marquette Master in Management combines practical expertise from disciplines including human resources, organizational development, leadership and change management within an online program designed to optimize connectivity and flexibility.

30 credits

MASTER OF SCIENCE IN SUPPLY CHAIN MANAGEMENT

The Master of Science in Supply Chain Management equips students with the competencies and tools essential to leading the transition from physical to digital supply chains. The industry-driven curriculum offers a strategic focus on creating business advantages across markets and industries.

30 – 31 credits

CERTIFICATE OFFERINGS

Graduate School of Management certificates are available in Accounting Analytics, Business and Managerial Analytics, Leadership and Sports Leadership.

Certificates range from 12 – 15 credits

JOINT & ACCELERATED DEGREE PROGRAMS

Students may combine degree pursuits through joint programs including the JD-MBA. Students may also accelerate their master's studies through Accelerated Degree Programs (ADP) in Accounting, Accounting Analytics, Business Administration (MBA), Corporate Communication, Applied Economics, Finance, Management and Supply Chain.



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Graduate School of Management

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