

TIME INTERVALS OF ALL RECORDED TALKS (4:00-5:30PM) ON NEXT PAGE

Capstone Symposium

ENVR E 599, Sustainability Program Saturday, December 9, 2017, 2:00 - 5:30pm G-125 Maxwell-Dworkin Building

Live Link https://zoom.us/j/6677121143

Recorded Link: https://zoom.us/recording/play/FCqOiG5LetqsghaXs-

tRDkyIkpAzm67c2ZhO48ojgsEQFWSu3zIlmzHkW0QRMP1U https://tinyurl.com/HESFall2017CapstoneSymposium

2:00 WELCOME & PANEL INTRODUCTIONS

Thomas Gloria, Ph.D. Program Director, Sustainability

Mark Leighton, Ph.D. Associate Director & Senior Research Advisor, Sustainability Rick Wetzler, Ph.D. Research Advisor, Sustainability & Capstone Course Leader

2:05 APPLYING LIFE CYCLE ASSESSMENT (LCA) WITHIN THE CIRCULAR ECONOMY

Manuel Cassas Designing Defense Products for Recovery and Resource Efficiency:

Aircraft Carrier Acquisition by the US Navy

Darcy Williams A Wasteful Courtesy? Rethinking The Superior Court of Pennsylvania's

"Courtesy Copy" Briefing Requirements Using A Comparative LCA

Yehia Khalil Comparative Environmental and Human Health Evaluations of Thermolysis &

Solvolysis Recycling Technologies of Carbon Fiber Reinforced Polymer Waste

Nicole Wilson Improving Development Models In Emerging Textile Markets: Analyzing Key

Social & Environmental Performance Indicators of Ethiopia's Cotton Production

3:05 MARINE SYSTEMS: STRESSORS & RESILIENCE

Perry Dripps Using the Hudson River to Teach Systems Thinking to K-12 Students

Michelle Gardner The Effect of Increased Atmospheric CO₂ Concentrations on

Coccolithophore Abundance and Calcification Rates

3:35	FURTHER	QUESTIONS	FROM '	THE PANEL	& AUDIENCE

3:50 BREAK (Beverages provided)

4:00 LAND USE CHANGE: KEY DRIVERS & RESPONSES

Laura Hanrahan Food System Sustainability: The Role of Production Scale 00:00:02-00:18:30

Fran Blanchard "Paying for Nature" – Possible Transitions to a Self-Funding Model for

Private Land Trusts in Massachusetts 00:19:16-00:34:12

Lael Pascual The Pup Poop Problem: Sustainable Solutions to Dog Waste Management

00:35:47-00:54:27

4:45 RE-THINKING THE FUTURE OF ENERGY

Yaima Roldan Casillas Changing the Rules of the Game: How Energy Storage

Could Change Massachusetts' Electricity Future 00:56:04-01:17:02

Ben Elsener "Flattening the Duck" to Enable a More Efficient, Cleaner Grid:

A Smart Home Algorithm Demonstrating Value in Utility Reform

01:17:55-01:32:50

5:15 FURTHER QUESTIONS FROM THE PANEL & AUDIENCE 01:32:57-01:33:10

5:30 SYMPOSIUM CLOSE

5:30- RECEPTION, Maxwell-Dworkin Lounge, immediately west of auditorium

7:00 (refreshments provided)

Harvard DCE Online Technology Support

In advance Web conference general: https://canvas.harvard.edu/courses/12626

Zoom specific: https://canvas.harvard.edu/courses/12626/pages/zoom

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Program in Sustainability, Harvard Extension School

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