The Capstone experience is a three-course series (ENVIR 490, 491, 492) centered on a quarter-long project-based internship with a community site partner. Capstone sites range from community-based non-profits and government agencies to faculty research projects and private sector initiatives. With the mentorship of a faculty advisor and the support of the site supervisor, students gain valuable hands-on experience, explore career possibilities, and build a wide spectrum of professional communication skills.

**Share your thoughts on Twitter**
Students will be live-tweeting all sessions so if you miss one, follow the updates. If you tweet, we encourage you to share what you learn and use the hashtag, #POEcap.

*Scan QR code to view capstone abstracts*
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<tr>
<th>Time</th>
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<tr>
<td>4:30 – 4:40 pm</td>
<td>WELCOME &amp; SESSION OVERVIEW</td>
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<td>4:40 – 4:50 pm</td>
<td>Session A Speaker Intros</td>
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<td>4:50 - 5:50 pm</td>
<td>Poster Session A - Education, Outreach &amp; Engagement; Natural Science &amp;</td>
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<td>Restoration; Equity &amp; Justice</td>
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<td>WHAT GOES AROUND, COMES AROUND: EDUCATING CHILDREN ON THE</td>
<td>Katarina Crkonova*, @KCrkonova, Program on the Environment, University of Washington</td>
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<td>COMPOSTING CYCLE</td>
<td>Site Supervisor: Maggie Brown, Cedar Grove</td>
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<td>Faculty Advisor: Leah Rubinsky, Program on the Environment, University of Washington</td>
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<td>AQUATIC COMMUNICATION IN THE WILLAMETTE RIVER BASIN: A CASE STUDY</td>
<td>Divinity Dodge*, @DivinityDodge, Program on the Environment, Political Science, University of Washington</td>
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<td>OF FEDERAL ENVIRONMENTAL OUTREACH</td>
<td>Site Supervisor: Larissa Lee, National Oceanic and Atmospheric Administration Restoration Center</td>
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<td>Faculty Advisor: Yen-Chu Weng, Program on the Environment, University of Washington</td>
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<td>THE SOUND OF CHANGE: HOW CAN PODCASTS BE USED TO INSPIRE</td>
<td>Connor Flynn*, @connor_a_flynn, Program on the Environment, University of Washington</td>
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<td>ENVIRONMENTAL ACTION?</td>
<td>Site Supervisor: Alexa Russo, University of Washington Bothell, Stephan Classen, Cascadia College</td>
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<td>Faculty Advisor: Adrienne Russell, Department of Communication, University of Washington</td>
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<td>HOW CITY PARKS CAN IMPROVE WELL BEING AND PROMOTE SUSTAINABLE</td>
<td>Jessie Gilbert*, @_jessie_gilbert, Program on the Environment, University of Washington</td>
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<td>ACTIONS</td>
<td>Site Supervisor: Garrett Esperum, Friends of Discovery Park</td>
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<td>Faculty Advisor: Kristi Park, Program on Built Environments, University of Washington</td>
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<td>SEDIMENTOLOGY AND CITIZEN SCIENCE: ECOLOGICAL MONITORING IN</td>
<td>Quinn Habedank*, @Qhabedank, Program on the Environment, University of Washington</td>
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<td>CARPENTER CREEK, KINGSTON, WA</td>
<td>Site Supervisor: Melissa Fleming, Stillwaters Environmental Center</td>
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<td>Faculty Advisor: Ben Marwick, Department of Anthropology, University of Washington</td>
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</table>
KING COUNTY’S PATH TO NET ZERO: BUILDING ENERGY EFFICIENCY UPGRADES
Session: A, Breakout Room #6
Henri Hardman*, @henrirows, Program on the Environment, University of Washington
Site Supervisor: John Kennedy, 2050 Project
Faculty Advisor: David Blum, Urban Design and Planning, University of Washington

LET’S TALK TRASH: IMPLEMENTING SUSTAINABILITY IN HIGHER EDUCATION
Session: A, Breakout Room #7
Julie Ira*, @JulieIra4, Program on the Environment, University of Washington
Site Supervisor: Liz Gignilliat, UW Recycling, Building Services Department, University of Washington
Faculty Advisor: Gary Handwerk, Program on the Environment, University of Washington

ENVIRONMENTAL DNA: A CRAB-TIVATING CASE STUDY OF SCIENCE COMMUNICATION
Session: A, Breakout Room #8
Justine Jadallah*, @JadallahJustine, Program on the Environment, Marine Biology, University of Washington
Site Supervisor: Sean McDonald, Emily Grason and Abigail Keller, Washington Sea Grant
Faculty Advisor: Ryan Kelly, School of Marine and Environmental Affairs, University of Washington

FOUNDATION FOR THE FUTURE: TOOLS FOR TEACHING ENVIRONMENTAL JUSTICE IN URBAN ENVIRONMENTS
Session: A, Breakout Room #9
Isabella Koch*, @bellak211, Program on the Environment, University of Washington
Site Supervisor: Elise Lasky, Seattle Global Shapers
Faculty Advisor: Kristina Straus, Program on the Environment, University of Washington

HIDDEN HISTORIES, CURRENT REALITIES: HISTORICAL CONTEXT IN ENVIRONMENTAL ORGANIZING
Session: A, Breakout Room #10
Ellie MacLean*, @elliemaclean, Program on the Environment, University of Washington
Site Supervisor: KL Shannon and Susan Gleason, Seattle Neighborhood Greenways
Faculty Advisor: Madison Heslop, Department of History, University of Washington

FOSTERING COMMUNITY KNOWLEDGE PRODUCTION AS THE KEY TO A JUST AND SUSTAINABLE SEATTLE
Session: A, Breakout Room #11
Sydney Porter*, @SydneyLPorter, Program on the Environment, University of Washington
Site Supervisor: Jessica Hernandez and Em Piro, Sustainable Seattle
Faculty Advisor: Branden Born, Urban Design and Planning, University of Washington
VULNERABILITY: CAN WE DEFINE IT BEFORE IT IS TOO LATE FOR FISH?
Session: A, Breakout Room #12
Madison Weise*, @MaddyWeise, Program on the Environment, University of Washington
Site Supervisor: Bridget Ferriss, National Oceanic and Atmospheric Administration, Alaska Fisheries Science Center
Faculty Advisor: Tim Essington, School of Aquatic and Fishery Sciences, University of Washington

CLIMATE JUSTICE: THE ROLE OF HUMAN VALUES IN EFFECTIVE COMMUNICATION AND INSPIRING ACTION
Session: A, Breakout Room #13
Naeemah Zakarya*, @Naeemahzakarya, Program on the Environment, University of Washington
Site Supervisor: Elise Lasky, Global Shapers Seattle Hub
Faculty Advisor: Adrienne Russell, Department of Communication, University of Washington

5:50 – 6:00 pm BREAK
6:00 – 6:05 pm Session Overview
6:05 – 6:15 pm Session B Speaker Intros
6:15 – 7:15 pm Poster Session B – Agriculture & Food Systems; Business & Sustainability; Policy & Regulation

CAN’T TAKE THE HEAT? CREATE DEFENSIBLE SPACE: DELIVERING DEFENSIBLE SPACE TO WILDFIRE VULNERABLE POPULATIONS
Session: B, Breakout Room #1
Annabelle Acosta*, @AnnabelleAcos16, Program on the Environment, University of Washington
Site Supervisor: Kathryn J. Heim, Fire Adapted Methow Valley
Faculty Advisor: Lubna Alzaroo, Department of English, University of Washington

AWARENESS IS KEY: GAUGING THE AWARENESS OF FOOD INSECURITY ISSUES
Session: B, Breakout Room #2
Matt Condrin*, @condrinmatt, Program on the Environment, University of Washington
Site Supervisor: Julian Garcia, City Fruit
Faculty Advisor: Ann Anagnost, Department of Anthropology, University of Washington

EMBRACING THE POWER OF FRIENDSHIP: THE INFLUENCE OF COLLABORATION ON INCREASING SUSTAINABILITY ENGAGEMENT
Session: B, Breakout Room #3
Trish Deignan*, @trishdeignan, Program on the Environment, University of Washington
Site Supervisor: Toren Elste, UW Sustainability Office, University of Washington
Faculty Advisor: Kristina Straus, Program on the Environment, University of Washington
NEVER NEUTRAL: SUBJECTIVITY & ACCOUNTABILITY IN ENVIRONMENTAL REPORTING
Session: B, Breakout Room #4
Sage Dewdney*, @Sage_Dewd, Program on the Environment, University of Washington
Site Supervisor: Jenny Cooper, The Northwest School
Faculty Advisor: Meg Chadsey, Washington Sea Grant, University of Washington

WASTE NOT WANT NOT, ASSESSING BEST FOOD AND PLASTIC WASTE PREVENTION APPROACHES
Session: B, Breakout Room #5
Jonathan Frias*, @frias4921, Program on the Environment, University of Washington
Site Supervisor: Veronica Fincher, Seattle Public Utilities
Faculty Advisor: Kristina Straus, Program on the Environment, University of Washington

CODE GREEN: AN EXAMINATION OF THE RESILIENCE OF HOSPITAL SUSTAINABILITY IN PANDEMIC TIMES
Session: B, Breakout Room #6
Matt Goldman*, @migoldman7, Program on the Environment, Chemical Engineering, University of Washington
Site Supervisor: Beth Schmidt, Nalco Water, an Ecolab Company
Faculty Advisor: David Bergsman, Chemical Engineering, University of Washington

SUSTAINABLE CONSTRUCTION: THE ADVANTAGES AND DISADVANTAGES OF MODERN CONSTRUCTION TECHNOLOGIES
Session: B, Breakout Room #7
Mattijs Holler*, @mattijs_holler, Program on the Environment, Construction Management, University of Washington
Site Supervisor: Christian Holler, Herbert Bau GmbH
Faculty Advisor: Alexa Schreier, Program on the Environment, University of Washington

HOW COLLEGE CAMPUSES IN NORTH AMERICA CAN IMPROVE SUSTAINABLE TRANSPORTATIONS
Session: B, Breakout Room #8
Feiyang Ji*, @FeiyangJi, Program on the Environment, University of Washington
Site Supervisor: Stephen Classen, Common Caws for Sustainability, Cascadia College
Alexa Russo, Common Caws for Sustainability, University of Washington Bothell
Faculty Advisor: Kristina Straus, Program on the Environment, University of Washington

TOILET TALK: HOW REPLACING TOILETS CAN INCREASE SUSTAINABILITY, EQUITY, AND QUALITY OF LIFE
Session: B, Breakout Room #9
Hanna Maya Lester*, @hannamlester, Program on the Environment, Economics, University of Washington
Site Supervisor: Melissa Levo and Mialee Jose, Seattle Public Utilities
Faculty Advisor: David Layton, Evans School of Public Policy and Governance, University of Washington
HOME ENERGY USE MATTERS; RESIDENTIAL ENERGY DISCLOSURE IN SEATTLE
Session: B, Breakout Room #10
Logan Pulsifer*, @Logan-Pulsifer, Program on the Environment, University of Washington
Site Supervisor: Rachel Brombaugh, King County Executive's Office
Faculty Advisor: Marilyn Ostergren, Program on the Environment, University of Washington

HOW RE-CONNECTING WITH NATURE BEGINS IN THE BACKYARD: WHAT MOTIVATES PEOPLE TO ENGAGE IN SMALL-SCALE ECOLOGICAL DESIGN PROJECTS
Session: B, Breakout Room #11
Madeleine Schroeder*, @madeleineschro, Program on the Environment, University of Washington
Site Supervisor: John Coghlan and Jenna Duncan, HomeGrown Organics
Faculty Advisor: Eli Wheat, Program on the Environment, University of Washington

CORPORATE SUSTAINABILITY: UNLOCKING THE POTENTIAL OF CARBON OFFSETS TO HELP BUSINESSES REACH CARBON NEUTRALITY
Session: B, Breakout Room #12
Grace Zamzow*, @GraceZamzow, Program on the Environment, University of Washington
Site Supervisor: Neil O’Brien, Puget Sound Beverage
Faculty Advisor: Alexa Schreier, Program on the Environment, University of Washington

7:15 – 7:30 pm  Closing

WE THANK YOU
To all faculty advisors, site supervisors, Program on the Environment staff and to the audience for your support. We could not have done any of this without you!