

2nd
Annual

Johnson Creek

SCIENCE SYMPOSIUM



May 26th, 2016

Reed College, Performing Arts Building, Room 320

Organized by Johnson Creek Watershed Council

Agenda:

1:00 – Emma Eichhorn & Katie Songer, JCWC; Noelwah Netusil, Reed College – **Welcome**

1:10 to 2:10 – Restoration

1:10	Katie Holzer City of Gresham	Can green stormwater infrastructure protect the creek from suburbia?
1:23	Zachariah Perry Reed College	Reed College Canyon restoration
1:36	Mart Hughes Portland Parks and Recreation	Global warming and restoration in the Portland metropolitan area, tactical and strategic responses
1:49	Dave Stewart Oregon Department of Fish & Wildlife	Thinking outside the box (culvert): Making difficult decisions for fish passage
2:02	<i>Questions</i>	

2:10 to 3:10 – Restoration

2:10	Adam Stonewall US Geological Survey	Developing flood inundation maps for Johnson Creek, Portland, Oregon
2:23	Jesse Schwartz Portland Community College	Portland Community College's student led monitoring in Johnson Creek, Portland, Oregon
2:36	Heejun Chang Portland State University	Impacts of climate variability and change in stream temperatures in Johnson Creek
2:49	Marie Walkiewicz, Maggie Skenderian Portland BES	The impact of restoration efforts on Johnson Creek flooding
3:02	<i>Questions</i>	

30 MINUTE BREAK – Refreshments served on the Eco-roof Mezzanine

3:40 to 4:53 – Wildlife

3:40	Celeste Mazzacano CASM Environmental	Hilton or Hotel California? Migratory dragonfly species' use of Crystal Springs Creek in Westmoreland Park
3:53	David Helzer Portland BES	Avian indicators from watershed monitoring in Portland
4:06	Hanna Dornhofer Reed College	Beavers in Reed College Canyon: A study of genetic diversity and basic activity patterns
4:19	Michele Blackburn Xerces Society	Volunteer-based freshwater mussel relocation as a viable conservation strategy
4:32	Rose High Bear, Ciarra Greene Wisdom of the Elders	Wisdom Workforce Development Initiative
4:45	<i>Questions</i>	

4:53 – Katie Songer, Johnson Creek Watershed Council – **Closing comments**

5:00 to 6:00 – Poster presentations (located in Kaul Auditorium)

Adam Nayak Cleveland High School	Riparian disturbance & remote sensing technology: A novel method to identify vulnerabilities within urban areas of the Willamette River Basin
Norman Bucolla, Adam Stonewall US Geological Survey	Simulating temperature in Crystal Springs Lake and Pond, Portland, Oregon
Eric Watson Portland State University	Examining landscape: Stream temperature relationships using spatially explicit indicators
John Gala Department of Environmental Quality	Johnson Creek <i>E.coli</i> TMDL implementation and trend analysis study
Katerina Mon Belle Northwest Academy	An analysis of microscopic biological indicators (bacteria and diatoms) in the Johnson Creek Watershed
Marissa Matsler Portland State University	Delivering green streets: An exploration of changing perceptions and behaviours over time around bioswales in Portland, Oregon
Peter Guillozet Metro	The Ambleside Project: Restoring processes, honoring the past
Susan Hawes Portland Parks and Recreation	Community science at Powell Butte Nature Park
Kimberly Koller, Jesse Seals, Ivy Watson City of Gresham	10 year trends in Gresham's riparian vegetation

