



**21st Annual
Androscoggin River
Watershed Conference**

The River Current
Exploring our Water Resources
Bethel Inn, Bethel, Maine
May 4, 2017



Other Sessions Include

Climate Change and the 2016 Drought
Groundwater and Aquifers
Stormwater Runoff/Erosion Control in our Lakes and
Streams
River Use and Development

Presented by
Androscoggin River Watershed Council
in cooperation with
Androscoggin Valley Council of Governments

8:15 to 8:45 – REGISTRATION and CONTINENTAL BREAKFAST

Pre-register at www.androscogginwatershed.org

8:45 to 9:15 – WELCOME and REVIEW OF PROGRAMS

Source to Sea paddle, Brook Trout Conservation and Water Quality Monitoring

9:20 to 9:50—CONCURRENT SESSIONS A

Roxbury Pond (Ellis Pond) Watershed Improvement
Getting Involved with River and Stream Stewardship

10:00 to 11:00—CONCURRENT SESSIONS B

Stream Table Demonstration – Stormwater and Erosion
Control
Fisheries Management of the Upper Androscoggin River –
Maine Section
Climate Change in Maine and the 2016 Drought Reviewed



11:15 to 12:15—CONCURRENT SESSIONS C

Soak Up the Rain NH – Exploring Stormwater Impacts
Groundwater and Sand and Gravel Aquifers
Stream Table Demonstration and Brook Trout Restoration in NH

12:15 – 1:10 – LUNCH

INTRODUCING THE INTERACTIVE RIVER TRAIL GUIDE

1:10 – 2:30—RIVER USE AND DEVELOPMENT

FULL AGENDA

INTRODUCTION AND PROGRAM REVIEW (8:45-9:15)

Source to Sea paddle: Highlights of the very successful Source to Sea adventure will be reviewed.

Brook Trout Passage: Learn about ARWC efforts to conserve our Native Brook Trout population.

Water Quality Monitoring: In 2015, ARWC instituted a *new continuous water temperature monitoring* program on many tributary streams in the watershed.

CONCURRENT SESSIONS A (9:20-9:50)

1.) **Roxbury Pond (Ellis Pond) Watershed Improvement:** ARWC has been working with the Oxford County Soil and Water Conservation District, the Lake Association, and the Town of Roxbury to protect and improve water quality in Roxbury Pond (Ellis Pond). Learn more about Best Management Practices to address erosion and stormwater runoff problems impacting our lakes and other water resources. *Jeff Stern, Environmental Coordinator, ARWC*

2.) **Getting Involved with River and Stream Stewardship:** Several of the land trusts in the watershed have robust stewardship programs including some river access sites. ARWC is working with them and other access site owners to further develop a stewardship program to ensure access sites are user friendly and well maintained. Find out more about what is happening and possibly volunteer to help with a site or two. *Becky Secrest, Program Coordinator, ARWC*

BREAK (9:50)

CONCURRENT SESSIONS B (10:00-11:00)

1.) **Stream Table Demonstration – Stormwater and Erosion Control:** Half of this session will be a hands-on demonstration of a stream table that simulates conditions in our watersheds. Learn how stormwater runoff causes erosion and impacts our lakes and water resources. *Jessa Kellogg, Shoreland Resource Officer, Kittery, ME & Leslie Hinz, Stormwater Mgr./Assistant Code Enforcement Officer, York, ME*

Fisheries Management of the Upper Androscoggin River – Maine Section: The second half of this session features a talk titled Learn how Maine IFW manages the fishery in the section of the river between Gilead and Rumford area. *Jim Pellerin is Regional Fisheries Biologist* responsible for the Androscoggin River.

- 2.) **Climate Change in Maine and the 2016 Drought Reviewed:** In this session, *Glenn Hodgkins, Research Hydrologist, USGS* will summarize studies on historical climate related changes in hydrology including flood flows, streamflows, and groundwater levels of Maine and New England. *Nick Stasulis, Data Section Chief, Maine Office, USGS* will summarize hydrologic conditions (the drought) from the spring of 2016 into the winter of 2017. Hydrologic conditions from this period will be compared to previous hydrologic droughts.

BREAK (11:00)

CONCURRENT SESSIONS C (11:15-12:15)

- 1.) **Soak Up the Rain NH – Exploring Stormwater Impacts:** Half of this session will present information on best management practices that help mitigate the harmful impacts of stormwater runoff. Presenters will provide examples of cost-effective Do-It-Yourself stormwater treatment practices on residential and small commercial properties. *Lisa Loosigian, Stormwater Management Technician and Barbara McMillan, Outreach Coordinator: NH Department of Environmental Services*
- 2.) **Groundwater and Aquifers:** Sand and gravel aquifers have become the go-to source for water supplies for small public water systems. Presenters will discuss how our groundwater resources, especially sand and gravel aquifers, function – how they are recharged, how water moves through them and how they may be contaminated. *Peter Garrett, Consulting Hydrogeologist; Mark Dubois, C.G. Poland Spring Bottling*
- 3.) **Repeat Stream Table Demonstration**

Brook Trout Restoration in New Hampshire: The second half of this session will present planned work to improve brook trout passage in New Hampshire tributaries. **Jeff Stern, ARWC Environmental Coordinator**

LUNCH (12:15-1:10)

INTRODUCING THE INTERACTIVE ANDROSCOGGIN RIVER TRAIL MAP AND GUIDE

RIVER USE AND DEVELOPMENT (1:10 – 2:30)

As the Androscoggin River has become cleaner and access has improved, more and more people are using the river, especially in certain locations that are attractive due to great fishing, great paddling or aesthetics. In addition, “For Sale” signs are dotting river frontage from Lake Umbagog to Merrymeeting Bay. Join a discussion of important issues emerging along the River and its Communities. The session will help provide the Watershed Council and other groups guidance in developing future programs.

Register on-line at www.androscogginwatershed.org

or

mail registration form to

ARWC, PO Box 1541, Bethel, Maine 04217

Or Call 207-754-8158

Registration: \$45 – Full time students \$30

Includes continental breakfast and lunch

Name: _____

Affiliation if any: _____

Address: _____

E-mail: _____

Registration, includes Tadpole – Friend of the Androscoggin \$ _____
Student: (\$30) Name of School \$ _____
Membership: (see below): \$ _____
Donation to assist ARWC programs (Please be generous) \$ _____
Total enclosed: \$ _____

I would like to join the Androscoggin River Watershed Council at a higher level to help support Brook Trout Work, Water Quality Monitoring, River Trail Stewardship and the Source to the Sea.

- Eagle** - \$500.00
- Osprey** - \$250.00
- Loon** - \$100.00
- Trout (voting member)** - \$50.00
- Turtle (Individual or family)** - \$25.00

Make Checks payable to **ARWC**.

One form for each person, please to ARWC, PO Box 1541, Bethel, ME 04217