



2012 ABSTRACT SUBMISSION FORM

To be considered for inclusion in the 19th Annual Conference on the Adirondacks, May 16-17, 2012, abstracts must be submitted for all oral and poster presentations. The deadline for abstract submission is **April 16, 2012**. The Consortium encourages electronic submission of abstracts sent to info@adkresearch.org.

Name of Presenter* _____

Organizational Affiliation: _____

Address: _____

City/State/Zip: _____

E-mail: _____ Phone: _____

** Additional authors should be listed in your submitted abstract as you would like them to appear in the abstract volume. All correspondence will be made with the presenting author.*

Type of Presentation: ORAL POSTER

STUDENTS: Please identify your faculty sponsor for the presentation.

My faculty sponsor is: _____

Laptops and PowerPoint projectors will be available in all meeting rooms. List any additional equipment needs here: _____

The ARC invites oral presentations and posters.

Oral Presentations:

Talks must be limited to 20 minutes total for the presentation and question/answer period. Your audience may have lay persons who, although they might have a keen interest in your research and results, may not be fully conversant with the jargon of your science. **We encourage you to use plain language.** Slide, overhead, and digital projectors will be available in all meeting rooms. PowerPoint projectors will be available with laptops loaded with the Microsoft Windows and Microsoft PowerPoint. The laptops will have DVD/CD-RW drives.

Poster Presentations:

The Consortium will begin accepting posters on May 16, 2012 beginning at 7:00 am. Special arrangements will be accommodated by the Consortium. **Posters must be mounted on a rigid backing.** Conference staff will aid in affixing and removing the poster in the display area. An opportunity for conference attendees to meet the poster presenters will be formally scheduled during the conference.

Guidelines for Preparing

- ▶ Abstracts should informatively summarize the contents of the oral or poster presentation and give important conclusions.
- ▶ Titles must not exceed **twelve** words. Capitalize only the first letter of each word (as in example).
- ▶ Text of abstracts must be **no more than 250 words** in length. Abstracts over 250 words will be returned to the author for editing.
- ▶ Use **Times New Roman** (12 point) for text and include only one space after periods. If different fonts are needed (i.e., for symbol characters) please note this on the abstract submission form. Italicize all scientific names.
- ▶ List senior author first and indicate the presenting author by following their name with an asterisk. List the authors as you would like them to appear in the printed abstract volume.
- ▶ Authors' names **must** be followed by a number code for their affiliated department name, organization name, address, city, state and zip code in that order. If an author is not affiliated with an organization then use an appropriate address. Include full first names for all authors and **bold** last names as in the following example:

Submitting Abstracts

By April 16, 2012, please e-mail your completed abstract to info@adkresearch.org.
The Consortium prefers electronic submissions.

~ OR ~

Mail your completed abstract to:
Adirondack Research Consortium, 201 Paolozzi Center, Paul Smith's College campus,
P.O. Box 96, Paul Smiths, NY 12970

If you have any questions or need further information check the Consortium's website at www.adkresearch.org, or by e-mailing us at info@adkresearch.org, or by calling Dan Fitts at 518-327-6276. To be considered for inclusion in the conference, abstracts must be received by **April 16, 2012**. The Consortium will make its final decisions within two weeks and notify all applicants shortly thereafter.

Sample Abstract

Twiss, Michael R.^{1,2*}, Tom A. **Langen**¹, Matthew G. **Girous**¹, Sonia M. **Johns**¹, Neal E. **Liddle**¹, Andrew R. **Snyder**¹, David P. **Zeleznock**¹, and Jan **Wojcik**³.

Land Use Influence On Water Quality In The Saint Regis River.

The influence of watershed land-use on water quality in the St. Regis River, a north-flowing river in northern New York State, was measured in October 2003 and April 2004 from the river's headwaters in the Adirondack Park to its outflow at the St. Lawrence River, to determine a reliable indicator of land use that is most associated with fecal contamination within the watershed. Water samples were collected by grab samples from the shore of the river. Total coliform bacteria were enumerated using the Petri-Film™ technique. Bacterial contamination of the river increased downstream: total coliform concentrations ranged from 0 to 2,775 colony forming units per 100mL. Localized regions of high bacteria concentrations existed, suggesting that nearby sources of fecal matter have a pronounced impact on water quality over short distances. In both October and April, high total coliform counts were positively associated with landscapes that had high coverage in pasture/hay or row crops, as determined using geographical information systems analyses. Dissolved nitrate and total phosphorus concentrations were highly correlated with total coliform concentrations during both high (April) and low (October) flow conditions. Water quality (total phosphorus, dissolved nitrate, turbidity, chlorophyll-a) and landscape-scale land use data suggest that total coliform inputs into the river are related to animal agricultural activity directly or due to ineffective treatment of human waste from residences in agricultural areas.

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