

## Call for abstracts for the Heart of the Continent Partnership Science Symposium

### Dates:

April 8<sup>th</sup> and 9<sup>th</sup>, 2019

### Locations:

**April 8<sup>th</sup> (poster presentations):**

TBD

Duluth, MN

**April 9<sup>th</sup> (oral presentations):**

University of Minnesota – Duluth

Kirby Student Center – Kirby Rafters

1120 Kirby Drive, Duluth, MN

The Heart of the Continent Partnership (HOCP) is a Canadian/American coalition of land managers and local stakeholders working together on cross-border projects that promote the economic, cultural and natural health of the lakes, forests and communities on the Ontario/Minnesota border. The scientific committee for the HOCP Science Symposium invites high quality social, cultural, and ecological research that has been conducted within – or that is directly relevant to – the Heart of the Continent geographic boundaries (see green area in map). For more information on the HOCP, please visit: [www.heartofthecontinent.org](http://www.heartofthecontinent.org); for more details on the Science Symposium, please visit: [www.heartofthecontinent.org/heart-of-the-continent-science-symposium](http://www.heartofthecontinent.org/heart-of-the-continent-science-symposium)



The HOCP Science Symposium seeks to:

- Improve understanding of natural and cultural resources across the HOCP
- Raise awareness of threats and management challenges to the preservation of those resources
- Promote collaboration among scientists, managers, and other partners across political, cultural, and administrative boundaries so that resources can be better managed in a landscape context

Papers are presented either as oral paper presentations or posters and should also be designed to facilitate discussion and networking among Symposium participants. Posters will be presented at a to-be-determined location in Duluth on the evening of April 8<sup>th</sup>. Oral presentations will be presented on April 9<sup>th</sup> at the University of Minnesota – Duluth in a ‘speed’ format of 10 minutes in length (with five minutes for questions and discussion after each presentation).

Abstracts should describe studies pertaining to a variety of social, cultural, or ecological research conducted in – or directly relevant to – the Heart of the Continent geographic area. Qualitative, quantitative, and Indigenous approaches are encouraged. Abstracts will be considered for either completed research or research in progress. Abstracts submitted for review should (see example abstract submission on next page):

- Indicate whether the submission is for an ORAL or POSTER presentation (IN CAPITAL LETTERS)
- Include a title for the study (**in bold**)
- Contain the name, title, institutional affiliation, and contact information of each author
- Be no more than 250 words in length (not including paper title and author information)
- Use Arial 12 point font

Please limit discussion of theory, methods, and results in the abstracts and focus more on rationale, discussion, and implications in order to appeal to the broad audience of symposium attendees, which will be composed primarily of land managers and a broad range of researchers.

**Submit abstracts to [hocpsciencesymposium2@gmail.com](mailto:hocpsciencesymposium2@gmail.com) by January 18, 2019. Presenters will be notified by February 15, 2019 of acceptance.**

**Oral and poster presenters, when submitting abstracts, please:**

1. Designate as ORAL or POSTER
2. Give presentation title in **bold**
3. Put each author on a separate line followed by organization and contact info (mailing address, email, and phone number)
4. Keep the abstract to 250 words or less; use Arial 12 point font
5. Email your abstract **by January 18<sup>th</sup>** to hocpsciencesymposium2@gmail.com – presenters will be notified by February 15<sup>th</sup> of acceptance
6. Contact Chris Stromberg (hocp@heartofthecontinent.org) for more information

**Abstract Example:**

ORAL PRESENTATION

**Double-crested Cormorant Survival, Movements, and Habitat Use in Northern Minnesota**

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John D. Johannsen, Department of Wildlife Conservation, 271823 5<sup>th</sup> St. SE, Duluth, MN 55812, [jjojannsen@gmail.com](mailto:jjojannsen@gmail.com), 218-300-1029

Since the 1970s, double-crested cormorants have increased dramatically throughout the Great Lakes region, including the Border Lakes area. Concerns about impacts of expanding cormorant populations to disease transmission and recreational fishing spurred investigations in 2008 to study movements and habitat use of adult cormorants in Kabetogama Lake and other lakes in the area. Backpack style radio transmitters were affixed to 7 adult cormorants in 2008 and 18 in 2009. Cormorants were located 2-3 times a week starting in early summer and continued until birds left the area. Adults provisioning chicks foraged relatively close to the nesting colony, with all locations <8km distant. Feeding locations of nonbreeding adults or post-breeding adults were concentrated in the western half of Kabetogama Lake where depths were generally <20 feet. Cormorants resident to Kabetogama Lake were rarely detected in Rainy Lake. However, there was some movement between lakes in the area by non-breeding adults, perhaps in relation to disturbance at the colony.