

Special Issue on Charcoal analysis

Dear colleagues,

Many of us, members of the IRN – Cold Forests, are using charcoal analysis to reconstruct wildfire regimes over secular to millennial timescales. We sample charcoal from various environmental repositories (e.g., lake sediments, peat, forest soil), that we analyse using different methods (e.g., counts, surface area, anatomy). Sometimes we are interested in fire in and of itself, sometimes in the interactions between fire, climate, vegetation, as well as other disturbances, natural and anthropogenic.

While the discipline of charcoal analysis has made major leaps forward in the last 20 years, it still faces many challenges. Nevertheless, charcoal analysis is highly useful to address a wide variety of ecological questions regarding the functioning of cold forests and other environments where fire (whether of natural or human cause) plays a key role.

We are soliciting manuscripts for a Special Issue of [Écoscience](#) that will focus on charcoal analysis. Contributions could include studies using charcoal analysis to answer original ecological questions; methodological advances in charcoal analysis; or review papers on topics related to charcoal analysis.

Écoscience is an international multidisciplinary journal that covers all aspects of ecology. The journal welcomes submissions in English or French and publishes original work focusing on patterns and processes at various temporal and spatial scales across different levels of biological organization.

Manuscript should be submitted online through the Écoscience's submission portal (see the journal's website: <http://www.tandfonline.com/teco>) **before January 20, 2023**. During the submission process, make sure to indicate that your manuscript is intended for publication in the “Charcoal Analysis” special issue. Submitted manuscripts should be original contributions that have not been submitted elsewhere. All manuscripts will be rigorously peer-reviewed, and those that will be accepted will be published immediately in the “Latest Articles” section of the journal's website. Instructions for authors are available on the journal's website. Publication in Écoscience is free of charge. However, if you want your article to be open access, you will be asked to pay an article publishing charge (feel free to ask us how much this charge would be depending on your country and institution).

Please send us a title and abstract (ecoscience@uqat.ca) if you would like to contribute a manuscript to the special issue. Feel free to ask us if you have questions about the issue, the journal or the submission process.

Hugo Asselin and Adam A. Ali
Editors