Voir plus bas pour la version française

Instructions for submitting an abstract

You are invited to submit an abstract before December 15th. **Acknowledgment of receipt will be sent automatically. If you do not receive any acknowledgment, please contact us again.**

For talks, a maximum of two abstracts will be accepted for each speaker. All authors of accepted abstracts must register and be paid in full by the early registration deadline (currently February 2018). Authors failing to comply with this rule will not be included in the Conference Programme.

Oral (spoken) presentations will be limited to 20 minutes: 15 minutes for presentation and 5 minutes for questions. Contributed oral presentations will be grouped by topic. If your abstract is accepted but cannot be accommodated as an oral presentation, we may offer you the opportunity to present a poster. All oral presentation rooms will be equipped with a computer and a data projector.
Poster presenters will receive general instructions on poster format once the abstract is accepted.
Detailed information and instructions on presentations at the meeting will be available to presenters several months before the meeting.

Proposals must contain the following information:

Talk or poster presentation?	Talk
Language of the presentation	English
Title of the presentation (limited to 150 characters including spaces)	**Finding the needles in the evidence haystack: smart sorting for conservation decision-making**
Author's name	Caitlin M Augustin, PhD
• affiliation	DataKind
• complete contact information	Phone: 321-277-6076
• e-mail address	Caitlin@datakind.org
Abstract (limited to 150 words)	While methods to systematically identify and synthesize evidence from the literature in an unbiased fashion have tremendous potential to facilitate evidence-based decision making, these require manual searches that are both labor-intensive and prone to human error. Technical advances in human-assisted machine learning and data visualization have the potential to substantially reduce the effort required to find the proverbial "needles" in a haystack of tens of thousands of documents. To that end, we developed two free and open-access web-based processes for computer-assisted paper review and evidence management. The first system speeds up the process of filtering and distilling relevant information from electronic searches through a word2vec algorithm that learns

	throughout the review and assigns each citation a relevancy score for potential inclusion - allowing the reviewer to decide a threshold for potential inclusion. The second system allows for conversion of PDF papers to text and a natural language processing algorithm (GLoVE) assists with "smart reading" of papers by surfacing key sentences and suggesting appropriate evidence tags. We will describe and demonstrate the computer-assisted review system, illustrate improvements over current approaches to evidence searching, extracting and sharing and outline where other technological improvements are possible and highlight critical caveats to consider.
Required support for French/English translation (for talks)	**We have no ability to present in French; if that is a requirement, we will require a translator**