



STEM-Trek sponsored HPC On Common Ground @SC16 in Salt Lake City, Understanding Risk in Shared CyberEcosystems or URISC@SC17, and will host a pan-African delegation at SC18 in Dallas. We also co-hosted an SC15 activity with the Texas Advanced Computing Center (TACC) in Austin. STEM-Trek received the 2016-17 HPCwire Workforce Diversity Leadership Editors' Choice Awards.

Dear colleague,

International Data Week (IDW) will be co-located with SciDataCon, CODTA and RDA in Gaborone, Botswana November 5-8, 2018. In order to maximize this rare opportunity for data scientists to visit Botswana—as if exposure to four amazing meetings isn't already enough—we're planning a research drone data event the previous week at a nearby nature reserve, October 28 through Nov. 3.

#Drones4SocialGood@IDW will allow licensed drone pilots to fly their own small, unmanned aerial systems and collect data during the day, and attend late afternoon or evening classroom sessions on drone data stewardship and sharing across the disciplines. Weather permitting, evenings in this remote location will be perfect for stargazing, so the event will be especially appealing to astronomers and astrophysicists who are involved with earth observation, climate and weather mapping.

RPAS (or small Unmanned Aerial Systems- sUAS) are rapidly becoming ubiquitous for data collection in many disciplines, including: disaster management, search and rescue, public health, wildfire mitigation, earth observation, conservation, wildlife management, and agriculture, to name a few. Each research application may employ a unique combination of hardware and software, and a variety of tile formats are collected. It is therefore important to practice FAIR data principles (findable, accessible, interoperable, and reusable), so that scientific discovery in all disciplines can benefit from data that are collected.

We hope that at least 40 data scientists and facilitators can attend **#Drones4SocialGood@IDW**. Once facilities costs are satisfied through our fundraising efforts, any balance remaining will be used for travel grants. Every effort will be made to host a peer-reviewed, application process to select a cohort that represents a range of disciplines, unique perspectives and technologies. We will also host a vendor showcase where a small number of technology providers may promote their innovation; sponsorship levels and more details are available on the back of this flyer.

Thank you, in advance, for your consideration. If you have questions, please let me know.

Sincerely,

Elizabeth Leake,
STEM-Trek Nonprofit



Support levels	Recognition and opportunities
Platinum \$25,000:	One full hour presentation to the cohort on the topic of the sponsor’s choosing. A poster may be displayed at the reception desk, and a large iteration of the sponsor’s logo will appear in all related STEM-Trek communications, including web-based, print and social media. Sponsors are responsible for their representative’s travel costs.
Gold \$10,000:	One 30-minute presentation to the cohort on the topic of the sponsor’s choosing. A flyer may be displayed at the reception desk. A medium-sized sponsor logo will appear in all related STEM-Trek communications, including web-based, print and social media. Sponsors are responsible for their representative’s travel costs.
Silver \$5,000:	One 15-minute presentation to the cohort on the topic of the sponsor’s choosing. A flyer may be displayed at the reception desk. A small-sized sponsor logo will appear in all related STEM-Trek communications, including web-based, print and social media. Sponsors are responsible for their representative’s travel costs.

Eighty percent of STEM-Trek donations directly support participant costs and 20 percent is reserved for indirect. Once facilities costs are recovered, the balance of funds raised will be applied to Drone Week participant costs. For full consideration, please respond asap via email to info@stem-trek.org with your pledge. Let us know if you require an invoice. You may [donate online](#), or mail a check payable to “STEM-Trek Nonprofit” to STEM-Trek, P.O. Box 503, Sycamore, Illinois 60178. If you prefer to direct-deposit your donation, please contact info@stem-trek.org and we will share our bank account and routing information. If yours is a gift-in-kind, send an email describing the donation to info@stem-trek.org. STEM-Trek is a U.S. public charity, 501.c.3 (EIN: 37-1693059). Please watch for activity updates at: www.stem-trek.org.

Since 2012, STEM-Trek has fostered U.S./pan-African communities of practice through the programs we have supported. As you can see from the group photo on page one, our teams are diverse; about 80 percent are from demographics that are under-represented in science, technology, engineering, and mathematics (STEM) disciplines that engage with performance technologies. STEM-Trek beneficiaries are asked to pay-it-forward by sharing what they learn with others at their home institutions. We ask participants to share photos and blog about their experience, and their contributions are published through STEM-Trek’s social media channels with more than 16,000 global industry stakeholders.



Photo by Wei Pan on Unsplash