



October 2017 Update



FUTURE PARK LEADERS of EMERGING CHANGE

Future Park Leaders of Emerging Change (FPL) Call for Internship Project Proposals

The Future Park Leaders of Emerging Change (FPL) program is now soliciting project proposals from parks, programs, regions, and offices for fully-funded 2018 internships. Proposals will be accepted through 5:00 PM ET Monday, October 30, 2017. Proposed FPL internship projects must focus on emergent management issues in parks arising from global drivers of environmental change, and may address needs associated with the management of natural, cultural, or historic resources, park infrastructure, visitor use, or interpretation and education efforts in a future of novel, rapid, and/or large landscape change.

Eligibility information, proposal evaluation criteria, and submission instructions, can be found on [the FPL Google site](#). For questions about the FPL program, please contact Larry Perez at 970-267-2136.

Next Month!

Climate Change in America's National Parks

Webinar Series

Thursday, October 12, 2pm EDT | 11am PDT

The Impact of Climate Change on Recreation and Tourism in Park Settings: A Canadian Review

Micah J. Hewer

Postdoctoral Research Fellow and Lecturer in the Department of Physical and Environmental Sciences at the University of Toronto (Scarborough)

Register here: <https://attendee.gotowebinar.com/register/5608061641285803267>

This study reviews the existing scientific literature on assessing the impact of projected climate change on outdoor recreation and tourism in park settings, based on a national overview on Canadian case studies. The review presents the main findings of previous research to create a synthesis report for policy makers as well as park planners and managers. The review focuses critically on out-dated climate science, model limitations and areas of the country not yet represented.

Micah Hewer is currently employed as a Postdoctoral Research Fellow and Lecturer in the Department of Physical and Environmental Sciences at the University of Toronto (Scarborough). Dr. Hewer earned his PhD in Physical Geography at the University of Toronto (St. George Campus), where we studied the statistical relationship between daily weather and zoo attendance in Toronto and conducted formal climate change impact assessments on visitor attendance to the Toronto Zoo. Previously, he earned a Master of Environmental Studies from the University of Waterloo, where he studied the relationship between weather and camping in Ontario's provincial parks, while also assessing the potential impacts of projected climate change of park visitation in Ontario.



Climate Fundamental Academy Workshop #3 Golden, CO | October 24 & 25

The third workshop in the Climate Fundamentals Academy series positions participants to develop strategic application skills in analyzing and quantifying climate related risks, establish a framework for an organizational/regional adaptation plan, and understand relevant public health implications.

Through a standing agreement between the Climate Change Response Program and the ACCO, NPS employees are invited to attend Climate Fundamentals Academy Workshops for FREE. Attendance at earlier workshops is not a prerequisite for participation. Full details and registration are available through the [Common Learning Portal](#).

Save the Date: Interpreting Climate Change

2-Day Earth to Sky Workshop at the NAI National Conference

When: **November 13-14, 2017**

Where: **Spokane, Washington and the Turnbull National Wildlife Refuge**

This two-day, highly interactive workshop will join interpreters and NASA science and education specialists to learn from each other about climate science and communication. This workshop is a pre-conference session at the National Association for Interpretation (NAI) National Conference. A registration fee will apply. The first day of the workshop will be held at Turnbull National Wildlife Refuge, and the second will be at the conference hotel. Transportation from the conference hotel to the refuge will be provided, as well as lunch on both days.

Target Audience

Employees from the NPS, USFS, USFWS, and other federal, state, and municipal agencies, as well as non-profit and private organizations with science communicators, interpreters, environmental educators and education specialists.

Registration and Lodging

Reserve through NAI: <http://www.interpnet.com/conference> . Registration deadline is October 10th. It is recommended that participants reserve lodging ASAP.

For more Info (and to add your name to the mailing list for updates) contact:
Anita Davis, Lead, Earth to Sky Partnership: anita.l.davis@nasa.gov

Free Unlimited On Demand Climate Change Training

The Climate Change Response Program invites interested NPS employees, partners, and volunteers to enjoy unlimited access to the Association of Climate Change Officers (ACCO) [library of on-demand and live online training](#) FREE for one full year. This opportunity affords participants unparalleled flexibility to customize training according to their needs and work around busy schedules.

Availability is limited and will be awarded strictly on a first-come, first serve basis. For instructions on how to register for this opportunity, please contact Larry Perez at larry_perez@nps.gov .

Spotlight on Interns: Future Park Leaders of Emerging Change

What's Blooming in the Cold Air Pool?

by Sophia Chau, Michigan State University

Climate change is leading to earlier spring snowmelt, drought, and shifting species ranges and phenology in the Sierra Nevada. Climate scientists are investigating the potential of cold air pools-temperature inversions where cold, dense air concentrates in areas of high topographic variation-to maintain refugia that are buffered from climate change and enable the persistence.... [read more and view Sophia's photos](#)



Editor's Note: Through participation in the FPL program, alumni are afforded two years of noncompetitive hiring status under the DOI Direct Hire Authority. Those with DHA status are afforded two years of eligibility after graduation to be noncompetitively placed in positions for which they are qualified in the NPS and most other DOI agencies. For a listing of alumni currently available under DHA, please visit the [NRSS Internships alumni page](#).



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Want to submit an article? Contact matt_holly@nps.gov to learn more.