

2017 Shoemaker Lifetime Achievement

Daniel Fagre

For the past three decades Dr. Fagre has been at the forefront of communicating science about the interactions between climate, ecosystem function and snow-glacier dynamics in Glacier National Park and across Western North America. Dan's unfaltering ability to eloquently communicate the complexities of his research to a myriad of audiences illustrates his dedication not only to his scientific research, but also to ensuring that the greater populace understands the mechanisms of mountain ecosystem change and the implications of those changes for national and international communities.

As a USGS Research Grade Evaluation (RGE) scientist, Dan's research portfolio is robust. He is the Director of the Climate Change in Mountain Ecosystems Project and the Lead Investigator in the USGS Benchmark Glacier Program. He has collaborated with other scientists around the world on diverse research projects that address glaciers, avalanches, amphibians, alpine plants, paleoclimates, snow chemistry, and ecosystem dynamics of bioregions among others. Since 1997, Dan has participated in over 700 media events, including documentaries, radio broadcasts, magazines, contemporary non-fiction, television, and news print. He is recognized by his colleagues for his extraordinary skills and success in translating complex scientific concepts into broad understanding that motivates action. Dan communicates science in an understandable and compelling way, making science accessible to everyone.

2017 Communication Category Winners

- **Print Product Category:** [Identifying and Preserving High-Water Mark Data](#)
- **Internet Product Category:** [Climate Change and Freshwater Fish](#)
- **Graphic Product Category:** [Geologic Map of Great Sand Dunes National Park, Colorado](#)
- **Audio/Visual Product Category:** [Historic USGS Streamgage on the Wabash River at Lafayette, Indiana](#)
- **Social Media Product Category:** [USGS Texas Water Dashboard](#)