Geophysical Research Abstracts
Vol. 19, EGU2017-46, 2017
EGU General Assembly 2017

Between Earth and Sky - Climate Change on the Last Frontier

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Globally, Gelisols comprise 11.26 million km2; 8.6% of earth's surface. These soils effectively sequester ~25% of global soil organic carbon. Global climate change has disproportionately affected arctic regions of the world, accelerating warming, erosion events, and altering soils and ecosystems. While many documentary films have touched on global climate change, this film is the first to consider the critical role soils play in the biogeochemical carbon cycle. Between Earth and Sky is a feature length documentary filmed in 4K which presents both the science of soil/climate dynamics whilst integrating the perspective of native Alaskans and respected elders of the community who provide personal accounts of changes observed over the past decades in Alaska. More than 40 scientists from universities, governmental research units, and consultancies deconstruct this complex topic to explain how soils form an integral part of the carbon cycle in arctic environments. This presentation will cover the development of the film from initial concepts, writing, fundraising, and project development, through filming on-site, post-production, marketing, and outreach plans.