

National Aeronautics and
Space Administration



EXPLORE SCIENCE

Watershed Management Undergraduates Mentor Watershed School 7/8 Grade Students

ELENA SPARROW

Lead, Arctic and Earth STEM Integration of GLOBE and NASA Assets (SIGNs)

January 21, 2020



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GLOBE Soil Infiltration Comparison



Water Filter Design and Testing



Global Water Game



Polluted Runoff – Enviroscope Model

Water Day Event
November 8, 2019

International Arctic
Research Center

Fairbanks, Alaska

10 College Student
Leaders, 48 Middle
School Students

10 stations with
GLOBE and Project
WET activities

Course Taught by Christina Buffington,
AE SIGNS Team Member

Photos by Heather McFarland, 11/8/2019

