AWG Field Trips Through the Years
2005-2020
Grand Canyon, June 2005
Leader Kata McCarville (second from left) explaining the geology
Leader Kata McCarville takes the leap into the Little Colorado
Linda Khandro entertains us with her “travel size” harp
Iceland, July 2006
Our trip leaders

Amy Clifton, geologist

Solveig Jónsdottir, Iceland guide (and bus driver)
South Coast farms
Waterfalls

Gullfoss, looking upstream and downstream
More waterfalls
Geysers and geothermal features

Strokker, in the Geysir field
Bizarre lava formations
Volcanoes

Askja

Hekla

Eldfell
Glaciers
...and Icelandic horses
Southwest US (NV/UT/CA), April 2007

“Group” photo against Bishop Tuff
Red Rocks Park, near Las Vegas, NV

Trip leader and organizer Norma Biggar (dec.)
Valley of Fire, NV
Death Valley, CA
Long Valley, CA

Sierra Nevada – from the east

... and Bishop Rhyolite

Bishop Tuff
Zion National Park, UT

Joyce Graf takes a stroll on a fossil dune
Bryce Canyon, UT
Scotland, July 2008
Our British Geol. Survey trip leaders:
Kathryn Goodenough and John Mendum (dec.)
Jean Boucher at Glenfinnan Gap
Isle of Skye granite mountain reflections
We hiked back here ->

The Black Cuillin – the core of a 60 MY mafic volcano
River crossing in the Black Cuillin
Bea Mayes in front
AWG trip organizer Marcia Knadle hiking in the Black Cuillin
John Mendum explains layered gabbro to Lynn Simmons (on left) and Norma Biggar (on right)
Chris Jonientz with her hand on the Moine Thurst, the first recognized large-displacement thrust fault in the world.
Carol DeWet and main trip leader, Kathryn Goodenough, cooking haggis in Inchnadamph
Lewisian Gneiss road cut
Hawaii, August 2010
Leader and organizer
Pat Cooper
Fresh lava explorations

Sheila Alfsen
Lava tube explorations

Nina Baghai-Riding

LeAnne Teruya
Hikes
Crater Lake
Lava tube explorations

Janet Crampton, Joyce Graf, Joan Schweinsberger, Nancy DeCou, Norma Biggar, and Lina Ma
Lots of hiking
Debbie Hanneman and Beth Norman relaxing by the hotel pool in Havana
Our Guides

From left to right: Geologic trip Leader Dr. Manuel Iturralde-Vinent, Niecy (Cuban government guide), (local woman guide), and Jeff (Insight Cuba guide).
Lots of karst limestone
Manuel in action, explaining the limestone deposits
Basal breccia from K-T impact deposit – not far away from this location...
Lots of tobacco

Beth Norman trying a newly rolled cigar
Lots of music...
...and lots of dancing – new and old styles
Locals have lots of ways of getting around
...including old cars
Two faithful AWG fieldtrippers, Bea Mayes and Janet Crampton
Field Trip Committee Co-chair
Marcia Knadle enjoying a waterfall
Main trip leader, Katherine Boggs and co-leader Paul Hoffman discussing neoproterozoic rocks.
Trip co-leader Mindy Brugman (glaciologist) at Athabaska Glacier
Our usual weather – trying to rain. (Paul Hoffman in red poncho.)
Newly exposed limestone at Athabaska Glacier
Betsy Hovda and trip organizer Debbie Hanneman
Joyce Graf and Janet Crampton “comfort camping” in large tents with wood floors and real beds at Dinosaur Provincial Park.
Hiking through the badlands at Dinosaur Provincial Park
Triceratops bones in situ at Dinosaur Provincial Park
Plains sunset at Dinosaur Provincial Park
Puerto Rico, August 2015
Arecibo Radio Telescope

Trip leader Luis Gonzalez and co-leader Jeff Ross
El Yunque Rainforest National Park
Central Igneous Province

Giant basalt pillows with Sarah Hanson for scale
Snorkling
La Parguera reef

Sheila Alfsen, Joyce Graf and Jill Park
Isla Magueyes iguanas
Carbonates in the Southwest
Rio Camuy Caves – Puerto Rico karst
Maine and the Maritime Provinces, September 2016
Trip leaders – Acadia National Park, ME

Duane Braun (left) and trip organizer Sue Finstick discussing immiscible behavior of basalt magma intruding granitic magma

Ruth Braun, far left
Historic granite quarrying – learning to split blocks the old way
Hunting trace fossils in New Brunswick
River bore on the Maccan River, Nova Scotia

River flowing left to right toward the Bay of Fundy, bore advancing right to left
Joggins, Nova Scotia
World-class Carboniferous terrestrial fossils
Hopewell Rocks, Nova Scotia
Central California Tectonics, September 2017
Trip leaders Tanya Atwater and Art Sylvester
Chasing the San Andreas Fault

Highway cut along the fault strike at Palmdale

Wallace Creek offset – stream runs from right to left
Parkfield - site of USGS fault monitoring

Trip organizer Marcia Knadle
Mapping fault creep through Hollister
Hiking in Pinnacles National Park

First from the east side...

...and then from the west side
Point Lobos
Our Geo Supplies trip leaders

Chris Darmon and Colin Schofield

Our fine 17-person van, ably driven by Colin, who also provided geomorphology guidance.
Lots of history of geology

**Week 1 – Shropshire**

(focus on upper Precambrian and Paleozoic rocks)

Exploring Murchison’s map area of the upper Silurian Ludlow Epoch (medieval town of Ludlow in the background)
More history of geology

**Week 2 – Devon, Dorset, and Somerset**
(focus on upper Paleozoic and Mesozoic rocks)

Hunting fossils at Lyme Regis (above) and Charmouth (Nina Baghai-Riding to left), both Dorset beaches that Mary Anning collected Jurassic fossils from.
Lovely hikes...

Hiking the Longmynd (Shropshire)...

...and the spectacular north Devon coast
...and beach walks

Brenda Buck and Donna Jurdy cool off along the south Devon coast (English Channel). Permo-Triassic sandstones in the background.

Lower Jurassic limestones along the Somerset coast (Bristol Channel)
Lots of stops for refreshments
Believe it or not, it was HOT!

Trip organizer Marcia Knadle and Tom Brocher

English ice cream is the BEST!
Western Great Lakes, August 2019
Part 1: The Midcontinent Rift

Our leader, Tom Fitz, shows us basalts and their gabbroic source rocks.
Sedimentary fill in the rift
The Keweenaw Peninsula

Native copper in the A.E. Seaman museum, and hunting spoils piles for our own (not very successfully...)

Lisa Tranel for scale
Part 2: Eastern Wisconsin

Silurian Dolomites along the Niagara Escarpment

Trip in memory of Joanne Kluessendorf (1949-2018),
Former AWG Editor and Weis Earth Science Museum Director (and Don’s wife)

Our leaders: Don Mikulic and Beth Johnson

Weis Museum display for Joanne K.
The Niagara Escarpment along Lake Michigan
Two faithful AWG fieldtrippers – again!
Janet Crampton and Bea Mayes
Quarries, active and historic
Lovely beach walks...

Joyce Graf (MD) and Bea Mays (UT) at Copper Harbor, MI (Lake Superior)

Door County, WI (Lake Michigan)
...and fossils

Susan Kite hunting fossils along the Milwaukee River
New Zealand,
February-March 2020
Our leaders and organizers

Geologic leader
Paul Ashley

Trip organizer Tom Williams (Williams GeoAdventures) after a Milford Sound waterfall shower

AWG field trip organizer
Marcia Knadle
The North Island – active volcanoes

Red Crater at Mount Tongariro

Mount Ruapehu in the background
Volcano hikes

Mt. Tarawera

Mt. Tongariro
Geysers and geothermal features

Hot springs...mineral deposits in the making
Learning about Maori culture

Mary Gillam (in blue) learning poi dance

The men mastering intimidating haka moves
The South Island – active tectonics
Old eroded volcanoes on the East Coast

Near Christchurch...

... and near Dunedin
Crossing the Southern Alps

Lunch at Arthur’s Pass
Glacial landscapes

The road to Milford Sound and out on the Sound

Beth Lamb, Anila Roberts, and Kim Schwab
Schists galore

Paul discussing the wide variety of schists
Rivers and waterfalls
Spectacular coastlines…

On the Tasman Sea coast…

Lisa Tranel

…and on the Pacific coast