



ADVENTURE GEOLOGY TOURS ARCTIC CIRCLE

Active Exploration with Enthusiastic Geologists

www.arcticgeologytours.com

Your Guides:

- **Dr. Tamie J. Jovanelly**
Geologist, Professor,
International Researcher,
and Best-Selling Author
- **Mr. Joseph Cook**
Co-Founder

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**You will
not find
a better
guided
tour**
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“Dr. Tamie Jovanelly is obviously very knowledgeable about geological concepts, but it's her sheer enthusiasm about it that draws you in and makes you want to learn and explore more! She has the ability to explain complex scientific concepts to ordinary folks”

-Smithsonian Associates Program Curator

When you choose Adventure Geology Tours, we take you to all the famous “selfie spots” that you’ve seen on social media, but unlike your friends who visited, you will walk away with a deeper appreciation of nature through the geologically-focused lectures and daily interpretations.

Additionally, our tours offer many more active experiences than the big-box competitors. Our locations can take you to volcanoes, hot springs, fumaroles, waterfalls, beaches, rain forests, and more. Plus, as an added bonus, the charismatic company owners are a heck of a lot of fun! “Active exploration with enthusiastic geologists” is our company mantra. Consider joining our trips as a solo-traveler, couple, family, or group and let’s learn some geology!

Geologist, international researcher, adventurer, and best-selling author, Dr. Tamie J. Jovanelly, has been exploring the geological complexities of Nordic regions for almost two decades. The recently published monograph, “Iceland: Tectonics, Volcanics, and Glacial Features” (Wiley, 2020) is an example of her commitment to researching northern latitudes. Additionally, she was one of 33 scientists on a research expedition to the International Territories of Svalbard whereby studying climate change, general geology, and water quality issues. She is a Geological Society of America Fellow (2021).



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**NEW BUCKET LIST
DESTINATION
ONLY OFFERED IN 2023!**

AN UNTOUCHED ARCTIC ARCHIPELAGO AT THE TOP OF THE GLOBE

Imagine visiting a region North of mainland Europe that is midway between the northern coast of Norway and the North Pole. It is here you will find a group of remote islands, between 74° and 81°N, referred to as Svalbard. Although the islands (23,570 mi²) were used by whalers in the 17th and 18th century, and then settled in the 20th century for coal excavation, the territories largely remain uninhabited and today have a reported population under 3,000. Likely, this is due to the rugged glacial landscapes, and the vast frozen tundra, that have persisted since the Pleistocene; to-date, glaciers cover approximately 59% of Svalbard's total land area. Surrounded by the cold waters of the Barents Sea, the North Atlantic, and the Arctic Ocean, the only practical way to access land in the archipelago is by a ship capable of entering fjords, and then going to land by smaller boats, called zodiacs.

Remarkably, Svalbard has the most complete geologic record in northern Europe and offers extensive variability in rock type, structure, and alteration process. And, thanks to the glaciers, the exposures of rocks in outcrop are unimpeded for vast distances.

Just some of the geologic wonders that are revealed in the landscape include: unparalleled exposures of ancient metamorphic rocks; an abundance of fossil-rich limestones, sandstones and shales that contain world-renowned plant, coral, invertebrate and vertebrate specimens; historically important coal deposits; and text-book examples of glacial landforms (e.g. rock and valley glaciers, moraines, patterned ground, pingos, glacial denudation flats, thermokarst, raised beaches).

Basically, taking a trip to this rarely-visited archipelago is like walking into an outdoor amusement park for those who are entertained by seeing the geologic record being destroyed, altered, remastered and presented as picturesque scenery. Throw in a sailing ship, a polar bear sighting, and a sky in perpetual sunset. What more could you possibly ask for in your Arctic Circle experience??

“
Memorable
trip!
”

ABOUT THE TOURS

Adventure Geology Tours is excited to invite you on a 13-day* excursion to the top of the globe! Join us aboard a 3-mast barquentine sailing ship that will cruise 621 miles south of the North Pole to visit a faraway group of islands, called Svalbard.

The ship will depart out of the port city of Longyearbyen, located on Svalbard's largest island, Spitsbergen. Trip dates are from August 29 to September 10, 2023. In the Arctic, this time of year is referred to as the “polar sunset”. That is, moving into late-August the sun begins to descend and will create a sky filled with pink, purple, orange and gold hues.

Over the course of 11-days we will sail as far north as the weather and sea ice permits. As is such, the days will be serendipitously scheduled by your experienced Captain and your thoughtful guides so that you will see the best geology, wildlife, and scenery that Svalbard has to offer.

“Tamie and Joe were the best and so attentive to everybody's needs. Their attention to details was awesome and they made the travel seem effortless.”

-Adventure Geology Tour Participant

On most days there will be a morning and afternoon excursion using small boats, called zodiacs. Using these boats to go to shore, we will be able to hike with a professional land-guide trained in polar bear safety. While the hikes and landing spots will regularly focus on the area's geology, they could also include significant cultural heritage sites, important bird migration locations, or large mammal viewing areas (e.g. walrus, seal, whale, reindeer, Arctic fox, polar bear). When shore landings are not an option, the zodiacs will take us on excursions through sea ice, on tours to view glacial cliff faces, and on journeys into fjords filled with icebergs.

No doubt, the fresh-air will make you hungry! It's a good thing that we will have a chef on board who will be making us 3 fantastic meals a day. The chef will happily accommodate dietary restrictions. Additionally, hot beverages will be served throughout the day. In the evening, a cash-bar opens to serve wine, beer, and spirits.

After dinner you will enjoy a lecture on Svalbard geology from an Arctic geologist. Following the lecture, you will have time to socialize with your shipmates, play games, or rest-up for the early morning adventures that await.

*We will ask that you arrive on or before August 29, 2023. We will book your accommodation in Longyearbyen on August 29 and upon our return on September 9. Final departures can be booked starting on September 10.

Please note that after the ship leaves port you will not have access to Wi-Fi or mobile phone service.

13-day
excursion
\$8000*
USD

SAMPLE ITINERARY

August 29, 2023: Arrival in Longyearbyen, Spitsbergen. Check-in to hotel reserved by Adventure Geology Tours. An evening Meet & Greet social reception with hors d'oeuvres and beverages will allow trip participants to meet and mingle.

August 30, 2023: Breakfast at hotel. FREE morning to shop and sight-see in Longyearbyen. Afternoon group gathering to meet the Captain and crew before we board our ship, the Antigua.

August 30- September 9, 2023: Departing out of Longyearbyen, we will head north along the western coast of Svalbard's largest island, Spitsbergen. The ship's route will ultimately be determined by the weather and the Captain, with input from the guides. Often times we moore overnight in a fjord that is sheltered, whereby reducing the impacts of wave motion for a peaceful night's sleep. Our days will be spent sailing, taking excursions to land, seeing amazing scenery, learning about interesting geology, and building comradery with guides, crew, and all ship participants. Our after-dinner geology lecture presented by an Arctic scientist will prove to stimulate discussion and conversation about the Arctic Circle.

September 9, 2023: Arrive back to our home port in Longyearbyen and transported to the hotel booked by Adventure Geology Tours. An evening Farewell reception with hors d'oeuvres and beverages will be hosted at the hotel.

September 10, 2023: Breakfast included before your departure.

For the cost of the trip you will receive while on ship*:

- 11-night stay in a double-occupancy cabin accommodation with private bathroom and sink
- 3 daily chef-prepared hot meals (breakfast, lunch, dinner)
- All-day access to coffee/tea/hot water
- Freshly baked afternoon “sweet treats”
- Daily morning and afternoon zodiac adventures (weather and location permitting)
- Shore landings provided by experienced and certified Arctic guides
- Nightly lectures presented by a professional Arctic-focused geologist and researcher

You will also receive while on land:

- Two-night stay in Longyearbyen hotel (pre- and post-voyage) with shared accommodation and shared bathroom; breakfast included
- 2 social receptions (Meet & Greet/ Farewell) with beverages
- Adventure Geology Tours - Arctic Circle long sleeved t-shirt, fancy logo water bottle, and stickers
- Map of Spitzbergen to track route

*per double occupancy; airfare not included

“
We had so
much fun
WHILE we were
learning!”
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