

### XIV International Symposium on Antarctic Earth Sciences ISAES

### FIELD TRIPS 22th - 24th August 2025

**Torres del Paine National Park** 

**Balmaceda and Serrano Glacier Navigation** 

**Bulnes Fort** 



1

The 3 field trips include geology, glacial geomorphology & tourist attractions. Cost of accommodation and food not included, except where specified Entrance tickets to historical monuments and national parks included

### FIELD TRIP 1: Parque del Estrecho half-day

Half-day afternoon trip from Punta Arenas – Friday 22nd August (afternoon)

Led by a local field trip leader and geologist.

- Watch lateral moraines along the way, remnants of the Patagonian Ice Sheet, which covered the Strait of Magellan until after 20 ka BP
- K-T boundary in sedimentary rocks near Punta Carrera
- Chile's midpoint latitude monument
- Fuerte Bulnes and Famine Port historical sites
- Fuerte Bulnes Historical Site, Park Visitor Center, cafeteria and souvenir shop
- Walk along the Famine Port outcrop of Cretaceous tilted strata

#### **Details**

- Duration: 5.5 hours aprox.
- Includes pick-up and drop off
- Includes entrance fee to Park of the Strait of Magellan
- Includes snack
- Includes a guide and geologist
- Ad-hoc transportation for potential snow conditions on road
- Professional guides and accredited services.





### PRICES

### FIELD TRIP 1: Parque del Estrecho half-day

- Between 10 and 17 pax CLP 176,000 p/p
- Between 18 and 34 pax CLP 158,000 p/p
- Between 35 and 51 pax CLP 142,000 p/p
- Between 52 and 68 pax CLP 128,000 p/p
- Between 69 and 85 pax CLP 115,000 p/p
- Between 86 and 102 pax CLP 105,000 p/p
- Above 103 participants CLP 95,000 p/p





### FIELD TRIP 2: Torres del Paine full day

Full day trip from Puerto Natales – Saturday 23rd August - 12 hours

Travel by bus to Puerto Natales on Friday afternoon (3 h), with overnight stay (not included)

Led by a local field trip leader and geologist.

- Mesozoic turbidite sequences of conglomerates, sandstones and shales, including flute casts
- Miocene igneous complex
- Paine Horn viewpoint of igneous intrusion at Nordenskjold Lake
- Intrusive dykes
- Last Glacial Maximum and Neoglacial moraines, including erratics
- Visitor Center at CONAF Administration including rock display, terrain scale model and glacial striae on turbidite sandstones
- Walk 6 km round trip to Grey Lake, which was part of the Patagonian Ice Sheet until ca. 5 ky BP, identifying moraines, playa deposits, glacial striae, and stranded icebergs

#### <u>Details</u>

- Duration: 12 hours approx.
- Includes pick-up and drop off
- Includes entrance fee to Torres del Paine National Park
- Includes entrance fee to flute casts site (Estancia Goic)
- Includes lunch at Hotel Grey





- Led by fieldtrip guide and geologist
- Ad-hoc transportation for potential snow conditions on road
- Professional guides and accredited services

### PRICES PER PERSON Field Trip 2: Torres del Paine Full Day

Between 10 and 14 participants CLP 350,000 p/p 15 and 29 participants CLP 315,000 p/p 30 and 44 participants CLP 299,000 p/p 45 and 59 participants CLP 284,000 p/p 60 and 74 participants CLP 270,000 p/p 75 and 90 participants CLP 257,000 p/p Above 90 participants CLP 244,000 p/p





### FIELDTRIP 3: Balmaceda and Serrano Glaciers full day

Full day trip from Puerto Natales – Sunday 24th August - 10 hours Travel by bus to Puerto Natales on Friday afternoon or Saturday (3 h), with overnight stay (not included)

Led by local field trip leader and geologist.

- 1 h 45 min one-way catamaran navigation from Puerto Natales
- Watch glaciolacustrine terraces and moraines along Señoret Channel
- Señoret Channel was part of the Patagonian Ice Sheet until ca. 13 ka BP, with Tehuelche-Puerto Consuelo palaeolake to the east, including present-day Puerto Natales
- Arrive at Puerto Toro, at the foot of Balmaceda Mountain
- Viewpoint of land-terminating Balmaceda Glacier, which used to be marine-calving last century
- Disembark at Puerto Toro, Bernardo O'Higgins National Park
- Hike for 1 km along Témpanos Lake margin on a Nothofagus forest trail
- Arrive at the front of freshwater-calving Serrano Glacier: calving events, icebergs and lateral moraines
- Back in the catamaran enjoy drinks with centennial ice
- Navigate to Estancia Perales for lunch with typical Magellan lamb barbecue (vegetarian alternative available)
- Continue navigation back to Puerto Natales, arriving after some 10 h





### <u>Details</u>

- Duration: 10 hours approx.
- It does not include pick-up and drop off. Taxi services and Uber available in Puerto Natales.
- Meeting point at Catamaran Company's offices in Puerto Natales.
- Includes entrance fee to Bernardo O'Higgins National Park
- Includes lunch at Estancia Perales
- Includes onboard snack
- Led by fieldtrip guide and geologist
- Professional guides and accredited services

### Prices per person

#### **FIELDTRIP 3: Balmaceda and Serrano Glaciers full day**

#### Between

10 and 19 participants CLP 350,000 p/p 20 and 29 participants CLP 325,000 p/p 30 and 39 participants CLP 300,000 p/p 40 and 49 participants CLP 280,000 p/p Above 50 participants CLP 270,000 p/p This field trip has limited spots.





#### **Contact:**

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## TOUR OPERATOR: "Way Patagonia"

#### Field Trip 1: Balmaceda and Serrano Glacier Navigation

Navigation Prices from Puerto Natales Adult \$165,000 - Child \$85,000 (children under 2 years old are free) Transfer from Punta Arenas to Puerto Natales: \$60,000 (Refund Policy: In case of cancellation, the transfer fee from Punta Arenas to Puerto Natales and back is non-refundable)

### Includes:

Boarding fee, snack, coffee, entrance to O´Higgins National Park, guide service, hike to the Serrano Glacier viewpoints. Drink toast.

#### Schedule:

8:00 a.m: meet at the 21 de Mayo agency or in Puerto Bories.
9:00 a.m: sailing from Puerto Bories to the Balmaceda and Serrano glaciers through the Ultima Esperanza Fjord, where you can see beautiful mountains, waterfalls, ranches, and Patagonian birdlife.
11:30 a.m: Viewing the Balmaceda Glacier
12:00 p.m: Hike to the Serrano Glacier Lookout in Bernardo O´Higgins National Park.
2:00 p.m: Return from Serrano Glacier to Estancia Perales, with a drinking aperitif with ancient ice.
(Lunch included)
6:00 PM Arrival in Puerto Natales, approx.





### **TOUR OPERATOR:**

### "Way Patagonia"

Field Trip 2: "Fuerte Bulnes" Tour, Strait of Magellan Park

Price: \$30,000. Does not include entrance to Estrecho Park.

Pickup times: 9:00 am, approx. Return: 1:30 pm, approx. Opening hours: 10:00 am. Closing time: 6:00 pm.

Admission rates: Adults: \$10,000.- Seniors: \$6,500.-Children and youth 6 to 17 years: \$4,000. Children under 6 years: Free. Foreigners: \$15,000.

Places to visit: Strait of Magellan Park: Photography towers.
Interpretation Museum: Interactive museum to learn about the history and geography of the area.
Fuerte Bulnes: Circuit set in the period.
Coastal Path: Short hike with easy strides.
Bosque del Viento: Short hike to learn about the flora.

Includes: Transportation and transfer service. A-2 driver's license. Not included: Entrance to Parque del Estrecho. Food.

Note: Payment by cash or bank transfer. Payment by debit or credit card carries a 5% fee.





## TOUR OPERATOR: "Way Patagonia"

#### Field Trip 3: Torres del Paine Photo Tour

Photo Tour Prices From Punta Arenas: \$70,000 - Puerto Natales: \$60,000

Park and Monument Admission Prices P. N. T. del Paine: Adult: \$9,000 - Youth: \$5,000 (12-17 years) Foreigners: \$31,500 Seniors: Free. Disability: Free. M. Milodon Cave: Adult: \$5,000 - Youth: \$3,000 (12-17 years) Foreigners: \$11,000 Seniors: Free. Disability: Free. Ticket Purchase at www.pasesparques.cl

#### <u>Hours</u>

Pickup at Punta Arenas: from 5:00 a.m. Approx. Return: 8:00 p.m. Pickup from Natales Port: from 8:00 am Approx. Return 5:30 pm Approx.

Places to visit in Torres del Paine National Park Cerro Castillo - Sarmiento Lake - Laguna Amarga - Paine Waterfall - Salto Grande - Nordensdkjol Lake - Pehoe Lake - Pehoe Campground - Grey Lake - Milodon Cave.

Includes: Transportation and transfer service. SERNATUR-CONAF accredited bilingual guide. A-2 driver's license. Not included: Park and monument entrance fees. Food. Payment by cash or bank transfer. Payment by debit or credit card carries a 5%





## TOUR OPERATOR: "Way Patagonia"

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## TOUR OPERATOR: "Turismo Paisaje Austral"



#### **Departures from Punta Arenas** Monday to sunday on high season

Departures from Punta Arenas: Adult: \$35.000 CLP Minor under 10 years : \$25.000 CLP IT DOESN'T INCLUDE TICKET FEES

FROM MAY TO SEPTEMBER SCHEDULE MAY VARY DUE TO WINTER SEASON



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#### Schedules:

Two daily departures in AM or PM hours. AM schedule: Pick up between: 09:00 AM / 09:30 AM Ends between: 2:00 PM / 2:30 PM PM schedule: Pick up between: 2:00 PM / 2:30 PM Ends between: 7:00 PM / 7:30 PM

#### ltinerary:

Pick up passengers from the lodging place to go to the "Parque del Estrecho" located 58 km south of the city of Punta Arenas, where we will take the following tour:

Fuerte Bulnes: which was founded in 1843, was the first Chilean settlement in the territory.

Interactive Museum: Located in the highest part of the Park where we will learn about the natural and human history of the Strait of Magellan. We will also learn about important events, such as the first navigations of the Strait, along with display cases with replicas of miniature expeditionary ships that sailed at that time. This place also has a cafeteria, a souvenir room and a large terrace where you can appreciate the immensity of the Strait and see Puerto del Hambre.

Geographic Landmark of half of Chile: On our way back to Punta Arenas we will stop at the Geographic Landmark, which represents half of Chile in geographical measurements divided exactly in two, considering from the northern limit with Peru and the South Pole. And later return to Punta Arenas.

Includes: Transfer to and from the lodging place.

#### Not included: Entrance fee to "Parque del Estrecho" and food.

#### PARQUE DEL ESTRECHO TICKET FEES

CHILEAN AND RESIDENT WITH RUT	FOREIGNERS/GENERAL ADMITION
ADULT (18-59 YEARS) \$10.000	ADULT (18-59 YEARS) \$15.000
ADULT 60+ YEARS \$8.000	ADULT (60+ YEARS) \$15.000
MINOR (6-17 AÑOS) \$5000	MINOR (6-17 AÑOS) \$8.000
INFANT (0-5 AÑOS) FREE	INFANT (0-5 AÑOS) LIBERADO



### TOUR OPERATOR: "Turismo Paisaje Austral"



From Punta Arenas and Puerto Natales: Adult \$ 80.000 CLP. per person Minor under 10 years \$ 70.000 CLP. per person IT DOESN'T INCLUDE TICKET FEES

#### Schedules:

From Punta Arenas Pick up between: 05:00 AM / 05:30 AM Ends between: 8:30 PM / 9:00 PM From Puerto Natales Pick up between: 08:00 AM / 08:30 AM Ends between: 5:30 PM / 6:00 PM

#### Itinerary:

Pick up of passengers from the accommodation, to go to the following places:

<u>Puerto Natales:</u> Here we make a stop along the waterfront that is located at the entrance to the city where we can observe the Ballena, Benítez, Mocho and Tenerife hills, as well as birds and monuments.

Milodon Cave: We will visit this natural cavern, where remains of a large ancient animal, called Milodon, have been found.

#### Torres del Paine National Park:

- Grey Lake: We take a light walk to reach the beach of Grey Lake, where we will observe the ice debris that breaks off from the Grey Glacier.

- Lake Pehoé Viewpoint: From here we can see the Paine Mountain Range and Lake Pehoé.

- Río Paine Waterfall or Salto Grande Waterfall: Originated by the abundant thaws, which increase its flow, forming a waterfall of several meters.

- Laguna Amarga and Lake Sarmiento: From these places, we will observe the Torres del Paine.

On the tour we will stop at the main viewpoints, to observe the variety of flora and fauna that exist in the Park, such as Guanacos, Rheas, etc. We finish the tour and return to the respective lodging places in Puerto Natales or Punta Arenas.

YOU MUST BUY YOUR TICKET FOR THE NATIONAL PARK AND MILODON CAVE IN ADVANCE ON THE WEBSITE WWW.PASESPARQUES.CL







Includes: Transfer to and from the lodging place and Bilingual Guide.

Not included: entrance fees in the Torres del Paine National Park and Milodon Cave (both tickets must be purchased on the website www.pasesparques.cl). and food (we recommend that you bring your food for the day).

#### TORRES DEL PAINE NATIONAL PARK TICKET FEES

#### MILODON CAVE TICKET FEES

CHILEAN AND RESIDENT WITH RUT ADULTS \$9.000 CLP	CHILEAN AND RESIDENT WITH RUT TEENAGERS (12- 17 YEARS) \$5.000 CLP	KIDS UP TO 11 YEARS AND SENIORS FROM 60 YEARS (CHILEANS AND RESIDENT WITH RUT) FREE TICKET	CHILEAN AND RESIDENT WITH RUT ADULTS \$5.000 CLP	CHILEAN AND RESIDENT WITH RUT TEENAGERS (12-17 YEARS) \$3.000 CLP	KIDS UP TO 11 YEARS AND ELDERLY FROM 60 YEARS (CHILEANS AND RESIDENT WITH RUT) FREE TICKET
FOREIGN ADULT \$31.200	FOREIGN TEENAGER (12-17 YEARS) AND SENIORS (60+YEARS) \$16.000	FOREIGN KIDS UP TO 11 YEAR OLD FREE TICKET	FOREIGN ADULT (ELDERLY INCLUDED) \$11.000 CLP	FOREIGN TEENAGER (12-17 YEARS) AND SENIORS (60+ YEARS) \$5.500 CLP	FOREIGN KIDS UP TO 11 YEAR OLD FREE TICKET



## TOUR OPERATOR: "Turismo Paisaje Austral"

### Contact:

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