Yasin Valley Event



Traverse Through the Himalayan and Karakoram Ranges.

8th Episode of

Tectonic Elements of NW Himalaya

7 Days (22-28 July, 2023) camping/hoteling if available.

Details and Objective:

As a result of collision, thrusting & uplift, the Himalayan and Karakoram ranges were developed. Glaciers, streams and rivers have formed cross-sectional windows through these mountain ranges. Various exposed rocks, tectonics and structure of the collisional zone have been inviting researchers to explore geology through these windows. During this trip to Yasin Valley, KKH/CPEC and Gilgit-Yasin roads will lead us to the MKT. In this trip, we mainly used the published literature of Dr. Munir Ghazanfar and Dr. Nawaz Chaudhry. They mapped most of the area of NW Himalaya and defined the structural &tectonic boundaries. We are just on the way to acknowledge their work by learning and sharing the knowledge with GeoHikingClub. In the NW Himalaya, we covered Neelum, Kaghan, Basham, Sawat, Dir, Chitral Ghizar, Shigar, Skardu, Hunza, Khaplu valleys, Khunjrab Pass and Deosai in the last 7 episodes. In this 8th field trip, we will cover the western limb of HKS, MCT, MMT, MKT & Karakoram Range. From, Yasin Valley, travel back distance is almost same via Gilgit or Chitral, any one route may be adopted for return.

Our key objective is to learn and share the knowledge of the area's structure/tectonics/ stratigraphy/hydrology with professionals and academia to enhance the capabilities of the future geoscientists of Pakistan. Therefore, you are welcome to join us to see the Geology, Culture and Scenic views of north Pakistan.

Resource Persons:

Dr. Naveed Ahsan, Dr. Hassan Agheem, Mr. M. Akram Qureshi, Dr. Rafiq Ahmad Lashari and Dr. Nawaz Chaudhary may join.

Code of Ethics:

Our key intention is to learn the Geology of Pakistan. Therefore, we have been voluntarily arranging field excursions throughout the country. We have no hidden helping hands;

sometimes, donors are requested for financial support for the student's event only. There is no executive member/committee except those who serve better. We depend on self-cooking, self-service, and serving others during the trip. It's our prime responsibility to keep the country clean. Everyone is responsible for his act. For cleanliness, we keep plastic bags with us during our field trips to dispose of our waste properly.

No one will be allowed to swim or bathe in the river or aabshar (water fall) and make fun near glacier avalanches. Land sliding areas are predefined; therefore, we cross them when these are stable. Night travelling is almost avoided. After the completion of the event, a report is prepared for record and sharing the knowledge. Therefore, participants are requested to share the field data and pictures of the trip.

Main Attractions:

|Knowledge sharing & handout | | Naran (8570 ft) |Babusar Pass (13665 ft) |Gilgit (5033 ft) |Gupis (12,500 ft) |Yasin Valley Lake (14,000 ft) |Phandar (9528 ft) |Shandoor Pass (12,500 ft) |Archeology of the area |Tomb of Lalak Jan Shaheed |Camping |Self Cooking |BBQ |Bone fire |Chitral and Lawari Pass may be visited according to the situation.

<u>Total Capacity:</u> Registration is open for 8 Professionals, 8 Teachers and 6 Students (total 22 persons) on **first come first served bases**.

WHEN?

22-28 July, 2023.

Duration: 7 Days & 6 Nights stay.

Registration Deadline: 10 July, 2023.

WHERE?

Yasin Valley Naran/Chitral and Gilgit.

From:

Islamabad and back to Islamabad.

Fees of Registration:

Professional/Professor: Pk.Rs. 32,000 / head from Islamabad. (Hoteling/Camping)

Student: Pk.Rs. 25,000 / head from Islamabad. (Camping/Hoteling if available)

Foreigners: US \$. 700/ head from Islamabad. (Camping/Hoteling)

(Executives can get hotel accommodation on their own and travel with us).

Package Includes:

- Meals as per itinerary.
- > Transportation during the field.
- ➤ 6 Nights lodging / camping.
- Field Excursions with Guide.
- > First aid services, with no medical coverage.
- Briefing and presentation during the field.

Package not Include:

- Porters service for carrying personal equipment of participants.
- Extra expenses due to the acts of nature like landslides and political reasons etc.

Weather Forecast:

> Partly Cloudy and rainy, temperature may drop upto 10 °C.

Details of the tour:

Day 1: 22th July (Islamabad to Naran, Distance 283 Km, Travel Time 12 Hours, by Coaster)

- > Field Work: MBT, JF, HKS, MCT.
- Pick Members from Faizabad at 07:00 AM.
- Departure for Naran.
- Morning Tea.
- Stops: Near Abbottabad, Balakot and Naran.
- > Evening Tea on the way.
- Night stay at Naran/Batakundi (Hoteling/Camping) (08:00 PM).
- Meals: Tea biscuits + Light Lunch (optional) + Evening Tea + Dinner.

Day 2: 23th July (Naran to Gilgit/Gupis, Distance 360 Km, Travelling Time 15 Hours, by Coaster)

- Field Work: Along and across MMT through Kohistan Island Arc.
- Departure for Batakundi after Breakfast at 07:00 AM.
- Morning Tea at Babusar Top.
- > Evening Tea at Gilgit/optional lunch.
- ➤ Bonfire / Dinner+Tea 09:00 PM in Gupis
- Night stay at Gupis (Hoteling/Camping).
- Meals: Breakfast + optional lunch+ Tea biscuits + Evening Tea + Dinner

Day 3: 24th July (Gupis to Yasin Valley Distance 40 Km, Travel Time 1 Hour, by Coaster)

- Field Work: Along the MKT / Eurassian Plate / Karakoram Range.
- Breakfast at 08:00 AM.
- Morning Tea.
- > Lunch
- Evening Tea.
- Night stay at Gupis valley (Hoteling/Camping).
- Meals: Breakfast + Morning Tea + Lunch+ Evening Tea + Bakra Punn Program (Dinner).

Day 4: 25th July (Gupis, Hiking in the surroundings)

- > Field Work: in Kohistan Island Arc.
- Breakfast at 08:00 AM at Gupis.
- Lunch and tea.
- Evening Tea.
- ➤ BBQ Bonfire / Dinner 08:00 PM in Gupis valley.
- Night stay at Gupis valley (Hoteling/Camping).
- Meals: Breakfast + Morning Tea + Lunch + Evening Tea + Dinner.

Day 5: 26th July (Gupis to Hunza/Gilgit/Chitral, Distance 150/265 Km, Travel Time 3/7 Hours, by Coaster)

- Field Work: in Kohistan Island Arc.
- Breakfast at 08:00 AM at Gupis
- Lunch and tea at Hunza/Gilgit/Chitral.
- > Evening Tea at Hunza/Gilgit/Chitral.
- ➤ Bonfire / Dinner 08:00 PM in Hunza/Gilgit/Chitral.
- Night stay at Hunza/Gilgit/Chitral (Camping).
- Meals: Breakfast + Morning Tea + Lunch + Evening Tea + Dinner.

Day 6: 27th July (Chitral/Hunza/Gilgit to Naran/Besham, Distance 236Km, Travel Time 15 hours, by Coaster)

- Field Work: MKT/MMT.
- Breakfast at 08:00 AM at Naran/Chitral.
- Lunch and tea at Naran/Chitral.
- Evening Tea at Jheel Saifal Malook / Naran/garam Chashma Chitral.
- ➤ Bonfire / Dinner 08:00 PM in Naran/Chitral.
- Night stay at Naran valley (Camping).
- Meals: Breakfast + Morning Tea + Lunch + Evening Tea + Dinner.

Day 7: 28th July (Naran /Besham to Islamabad or Chitral to Islamabd, Distance 244/365 Km, Travel Time 12 hours, via Coaster)

> Field Work: MMT/MCT, MBT/ HKS.

- ➤ Breakfast at 08:00AM at Naran/Chitral.
- Lunch and tea at Balakot/Der.
- Evening Tea on the way.
- Islamabad 08:00 PM.
- Meals: Breakfast + Morning Tea + Lunch + Evening Tea.

Payment Policy:

- Participant has to pay 100% charges before departure.
- > Account #: will be given on demand For Easy Paisa.
- > Email: xohail@gmail.com, systemtract@hotmail.com,

Cancellation Policy

> 7 Days before departure any one can get back the amount (excluding transport Charges)

Personal Gear List:

- Keep with you the Original National I.D. Card (Male/Female/Family).
- Water proof Jacket /upper/ wind stopper, Garam Chadar, Cap.
- > Torch with extra batteries and Power Bank.
- > Sun protection.
- ➤ Light & warm clothes for temperatures 10 to 40 °C.
- > Towel, Flip flops, camera.
- Hiking Shoes.
- Personal Toiletries & Insect repellent.
- Umbrella, walking stick. 2 Jeans pants and 3 shirts are enough.

Please avoid suite cases, only hand bag or simple back bags are allowed. Carry your personal medication—as suggested by your doctor. Also keep your original ID card and a copy. Limited hotel accommodation (if available) for senior citizens only. For more information and upcoming events see following. FB: GeoHiking Club. https://www.facebook.com/Geohikingclub/?ref=bookmarks.

Location Map:

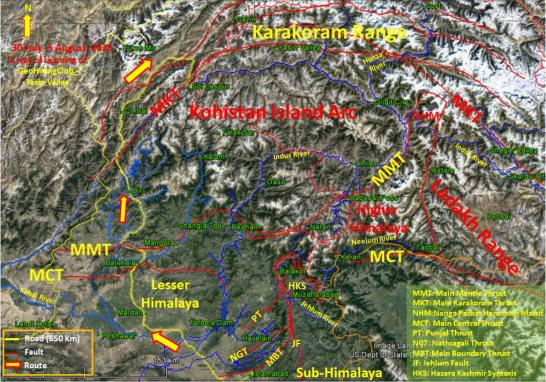


Figure 1: JF redrawn from maps of Dr Shahid Baig & PAPG, MCT and HKS taken from Dr. Munir Ghazanfar, PT redrawn from the map of Dr. Mir Lateef, NGT and MBT taken from Geological maps of Dr. Nawed Ahsan And Tariq Mahmood, MMT was modified from maps of Dr. Nawaz Chaudhry and and Munir Ghazanfar and Dr. Asif, MKT redrawn from Dr. Nawaz, Dr Asif, GSP. Faults in the north of MKT are courtesy of GSP.

Board of directors of GeoHikingClub

Always motto of the associations is welfare of the specified community but the ancestors deteriorate the objective. As we are working for the **GEOLOGY** and its community, therefore no one can change the motto and objective until unless, he has to take approval from this BOD. Weightage of the decision is in descending order. Number of members may be changed.

Sr. No.	Name	University/ Industry	Position
1	Dr. Nawaz Chaudhry	Punjab University Lahore	Retired
2	Dr. Munir Ghazanfar	Punjab University Lahore	Retired
3	Dr. Shahid Baig	PPL Karachi	Retired
4	Aftab Aalam	FUUAST	Retired
5	Akram Qureshui	OGDCL	Retired
6	Dr. Pervez	HDIP	Retired
7	Syed Kamran Ali	AJKU	Muzaffarabad
8	Ch. Suhail Anjum	FUUAST	Retired
9	Dr. Rafeeq Ahmad Lashari	SU	Jamshoro
10	Tariq Mahmood	OGDCL	
11	Dr. Qazi Suhail Imran	Private Job	Islamabad
12	Ashraf Hussain	KIU	Gilgit
13	Dr. Saif ur Rahman	PU	Lahore
14	Abdul Jabbar Khan	NUST	Islamabd
15	Tanvir Ahmad Laghari	PMDC	Lahore
16	Shaukat Pervez	BUAITMS	Quitta
17	Zubair Idrees	PMDC	Lahore
18	Faisal Shah	AUIST	Abbottabad
19	Aamir Shahzad	AJKU	Muzaffarabad
20	Nisar Ahmad	GSP	Quetta

Brief History of 15 years of GeoHikingClub (Since, 2008)

Sr. No.	Event	Date	Area	No of Participants	Expenditure
1	Geology of Margala Hills	19-07-2008	Peer Sohawa	4	600
2	Geology of Margala Hills	14-08-2008	Peer Sohawa	16	3500/-
3	Sequence Stratigraphy in PU	2009	Nammal Gorge	70	35,000/-
4	Sequence Stratigraphy in PU	2011	Khewra	65	30,000/-
5	Geology of Margala Hills	2012	Rumli to Peer Sohawa	9	1600/-
6	Geology of Margala Hills	15-12-2013	Shah Allah Ditta	11	800/-
7	Geology of Hazara,	29-01-2013	Nathiagali	6	6000/-
8	Muskpori Track	23-06-2013	Hiking	3	500/-
9	August_Muzafarabad Tour_with AQ	25-08-2013	Yad gar Section	3	5000/-
10	Geology of Margala Hills	02-03-2014	Rumli to Peer Sohawa	12	1700/-
11	Yad Gar Section	05-01-2014	Muzafarabad	25	1500/-
12	Geology of Margala Hills	16-03-2014	Faisal Masjid Trail-6	17	3000
13	Geology of Margala Hills	30-03-2014	Sangada to rumli	11	1500
14	Geology of Margala Hills	05-04-2014	Sangada	17	5000
15	Geology of Margala_AJKU	27-04-2014	Rumli	65	By AJK

GeoHikingClub(Since 2008)

16	Khewra Gorge	11-05-2014	Khewra	40	By BUITMS
17	Neelum Valley	20-07-2014	Keran	2	12000
18	Geology of Hazara Basin	12-07-2014	Nathiagali	17	11000/-
19	Kala Chitta Range	09-10/08/2014	Sojhanda	4	-
20	Geology of Margala Hills	21-10-2014	Trail-05	8	700/-
21	Geology of Margala Hills	22-10-2014	Rumli	11	1000/-
22	Entertainment	06-12-2014	Kund Park	18	14000
23	Nagar Parkar Granite	20-21-12-2014	Nagar Parkar	7	26000/-
24	Geology of Hazara Basin	25-01-2015	Chhangala Gali	10	6000/-
25	2 Week GIS Course: Geological Map preparation	5 to18 -02-2015	Islamabad	15	5000/-
26	Western Salt Range_AJKU	March, 2015	Zaloch Nala	65	-
27	Tectonic Elements of NW Himalaya	1 to 6-05-2015	Skardu	28	235800/-
28	Sequence Stratigraphy of Hazara Basin	17-06-2015	Nathia Gali	14	7500/-
29	Iftar Party	3-07-2015	Margala Hills	27	7100/-
30	Geology of Kashmir	01-08-2015	Kotli	4	-
31	Welcome Party	26-08-2015	Rumli	12	2200/-
32	Geology of Hazara Basin	08-08-2015	Chhangala Gali	17	8610/-
33	Tectonic Elements of NW Himalaya	11 to 13- 09-2015	Naran Kaghan	22	111613/-
34	GR Log in Rumli	26-12-2015.	Rumli	8	-
35	Warchha Sandstone	December, 2015	Pail Padhrar Road	6	11000/-
36	In Rumli with Trainee Geopgysicists	05-01-2016	Rumli	30	7000/-
37	Muzaffarabad	31-01-2016	Workshop in AJKU	80	7000/-
38	Sequence Stratigraphy in FUUAST Karachi	08 to 12 -03-2016	Karachi + Rani Kot Fort	120	-
39	Geology of Kashmir	1 to 3-04-2016.	Nekyak Sector	6	-
40	Moenjodaro	18 to 27 -04-2016	Larkana	4	-
41	Tectonic Elements of NW Himalaya	July 27- August 01, 2016	Chitral, Shandur, Gilgit	50	450,000/-
42	Salt Range Camp Umair	28-11-2016	Khewra	6	20,000/-
43	Petrel Class OGTI Course	11-01-2017	Rowing Club, Lake View Park	17	10570
44	Dinner in an honour of Dr Bilal UI Haq	04-02-2017	Rowing Club, Lake View Park	18	11800
45	Lecture by Dr Muhammad Mujtaba	25-02-2017	Margala Hills	65	9015
46	GR Log Dandot Formation	25 -27/02/2017	Salt Range Pail Padhrar	27	-
47	Geology of Fort Munro	23-26/03/2017	Fort Munro	27	140,000/-
48	In Rumli with Class AJKU	14-16/05/2017	Rumli + Margala Hills	25	3000/-
49	Facies analysis of Cretaceous age.	18-19/05/2017	Nathia Gali	16	-
50	Tectonic Elements of NW Himalaya	30 July-5 Aug 2017	Neelum and Kaghan Valley	43	384,000/-
51	Hazara Basin	25/09/2017	Cretaceous Rocks	5	6200/-
52	Hazara Basin	12/10/2017	Jurassic Rocks	12	3500/-
53	Peer Chanasi	11- 12/11/2017	Muzafarabad Anticline	25	15000
54	Hub Estuary Karachi	18/11/2017	Shore face Deposition	65	
55	Shah Noorani	19-21/11/2017	Pab Range	30	-

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56	Kotli – Nakyal Area	1-2/12/2017	Kashmir Basin	4	-
57	Chorgali Pass	07-01-2018	Kheri murwat Range	7	8000/-
58	BBQ Party	18-01-2018	Lake View Park	25	7,300/-
59	Rumli, QAU_AJKU Authmuqam	20-01-2018	Margala Hills_AJKU	45	1200/-
60	Chorgali Pass_PGRG	27-01-2018	Kheri murwat Range	45	67,000/-
61	Chorgali Pass_Stuart Berly_OPI	02-02-2018	Kheri murwat Range	11	600/-
62	Diljabba Back Thrust_PU	04-02-2018	Basharat area, Eastern Salt Range	7	1000/-
63	Chorgali Pass_PU	05-02-2018	Kheri murwat Range	11	2500/-
64	Pasi Gwadar	25-02-2018	Balochistan Basin	6	-
65	Indus Delta_Sindh University	03-03-2018	Thatta to Keti Bandar	110	-
66	Tidal Flat _AJKU	23-03-2018	Pail Padhrar Salt Range	120	12000/-
67	Tidal Flat _OGTI	30-03-2018	Pail-Padhrar_Salt Range	21	12000/-
68	Stratal Terminations_2 Days Workshop	28-29 April 2018	Sindh University	29	-
69	Reccy of Gorakh Hills_2 Days	30April – 1 st May 2018	Sindh University	3	24000/-
70	Farewell to Raees Ahmad	5 th May 2018	Lake View Park	25	6500/-
71	Litho-Stratigraphy of Nammal Gorge.	11-13 May 2018	Mianwali_AJKU_OPL	35	13000/-
72	Khunjrab Pass, China Boarder	08-14 August, 2018	Northern Pakistan	55	533,000/-
73	Seismic Stratal terminations Workshop_Peer Chanasi Tour	28 September, 2018	AJKU	55	15000/-
74	Bacha party_Haro River	10 October, 2018	Haro River	35	45000/-
75	Farewell Arif sahib	8 December 2018	Lake View Park	20	13000/-
76	Lecture, Tectonic Evolution of NW Himalaya_Dr Shahid Baig	24 March, 2019	Margala Hills	80	80,000/-
77	Aftari Party	16 may, 2019	Lake View Park	35	14000
78	Deosai Plains	20-26 July, 2019	Khaplo_Deosai	25	310,000/-
79	Mushakpori	31 August, 2019	Mushakpori	17	23000/-
80	Miranjani	22 September, 2019	Miranjani	22	29000/-
81	Nagarparkar	29 Oct-1 Nov. 2020	Nagarparkar	85	20,000/-
82	Salt Range	March 2021	Khewra	10	0
83	Nichilson Momoment_Batgram	28 -29 Jan., 2023	Nichilson Momoment_Batgram	40	10,000/-
84	Cyclicity of Abbottabad Fm, Muzaffarabad	14-15 May, 2022	Muzaffarabad	10	12000/-
85	Khewra Jutana	7 August, 2023	Khewra	5	12000
86	Miranjani_Dr ishtiaq Jadoon	09 Oct, 2021	Miranjani	35	41,000/-
87	Mushakpori	10 Sep., 2022	Mushakpori	19	44000/-
88	Killa Saifullah	12-22 Oct. 2023	Killa Saifullah	3	0
89	Farewell Malik Ijaz	14 Jan., 2023	Fishing point Lake View Park	30	32000/-
90	Farewell Ch. Javed	4 Feb. 2023	Fishing point Lake View Park	35	30,000/-
91	Western Salt Range	25-26 Feb. 2023	Chichali_Lumshiwal	15	0
92	Khanspur_Neelum Valley	25-28 March, 2023	Khanspur	11	11000/-

GeoHikingClub(Since 2008)

	Iftar Party	6 April, 2023	Fishing point Lake View	72	50,000/-
93			Park		

	Medical Box_GeoHikingClub_2017 (It's a genral description _ better to use medicine as suggested by the Doctor.)				
Sr. No	Medicine Name	Purpose (English)	(اردو) Purpose		
1	Disprine tb.	Headache	سر درد		
2	Ponstan / Ponstan Fort tb.	Headache	س درد		
3	Panadol tb.	Body pain + Fever	جسم درد اور بخار		
4	Flagyl tb.	Stomach Problem	معدہ کی خرابی		
5	Entamizol DS + Novidate (250mg)	Loose Motion	ست کے لئے		
6	Arinac tb.	Flue	زلہ زکام		
7	Zofran tb.	Vomiting & Nausea	قے اور مثلی کے لئے		
8	Gravinet tb. / Motillium/ Maxolon tb.	Vomiting	فے کے لئے		
9	Baydal tb.	Anti-Allergic	الرجى كے ائے		
10	Citro-Soda (Sachete)	Acidity	يز ابيت		
11	Wax-Aid / Iodex (Cream)	Sprain	موج کے لئے		
12	Novidate tb. /	Anti-Biotic	اینٹی بائیوٹک		
13	Britanyl tb.	Cough	کھانسی کے لئے		
14	Brufin 400mg tb.	Body-Ache	جسم در د		
15	Strepsils	Sore Throat	گلے کی خراش کے لئے		
	Amoxyl Capsule /	Throat Pain	گلے کے بردکے لئے		
17		Anti-Malerial	ملیر یا کے لئے		
	Aldomate tb./Tinormin 50mg tb.	High B.P	زیادہ B.P کو نارمل کرنے کے لئے		
19		Low B.P	کہ B.P کو نارمل کرنے کے لئے		
	Polyfex eye	Eye Infection	آنکھ میں انفیکتین کے لئے		
	Hydozol	Lyo messer.	پھوڈے پہنسی کے لئے		
	Mospel	Mosquito Repelling	روں ہے کہ اس میں اس موہر بھگانے کے لئے		
	Piodine	To clean wounds	تہر جہ سے ہے زخم صاف کر نے کے لئے		
	Siprit	To clean wounds	رح سنف کرنے کے لئے زخم صناف کرنے کے لئے		
	Cotton	To clean wounds	رعم سنگ کرنے کے لئے زخم صناف کرنے کے لئے		
	Bendages	For Dressing	رعم سدی برنے سے سے ٹی کرنے کے لئے		
	Sani-Plast	Dressing for small wounds	پی تربے نے سے چھوٹے زخم کے لئے پٹی		
	Air Freshner	To Freshen Air To cover Face	ہوا کو تازہ دم کرنے کے لئے بنہ ڈھا نینے کے لئے		
	Mask	TO COVEL FACE	سہ دھا بیتے جے تنے		
30					
31					
32					
33					
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35					
36					