



Ministry of Education and Science
Republic of Poland

Project co-financed from state budget funds granted by the Ministry of Education and Science of Poland within the framework of the "Excellent Science II" Program



UNIVERSITY
OF WARSAW

Honorary patronage of Prof. Dr. Alojzy Nowak, Rector of the UW



NEW OPENING

POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

<https://geo.uw.edu.pl/en/conference-new-opening/>

Circular 2

HANOI

6 - 8 November 2023

9 - 15 November 2023
field trips





NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

Honorary Committee:

Alojzy Nowak, Rector of the University of Warsaw, Poland – Chairman

Piotr Dziadzio, Deputy Minister, Ministry of Climate and Environment, Poland

Tran Quy Kien, Deputy Minister, Ministry of Natural Resources and Environment, Vietnam

Jerzy Lis, AGH University Rector, Poland

Tran Tuan Anh, Vice President of the Vietnam Academy of Science and Technology, Vietnam

Ewa Falkowska, Dean of the Faculty of Geology, University of Warsaw, Poland

Nguyen Trong Yem, Institute of Geological Sciences, Vietnamese Academy of Science and Technology

Leszek Marynowski, Dean of the Faculty of Natural Sciences, University of Silesia, Poland

Tran Van Tri, Vietnam Union of Geological Sciences

Ewa Bulska, Director of the University of Warsaw Biological and Chemical Research Centre, Poland

Trinh Hai Son, Director of the Vietnam Institute of Geosciences and Mineral Resources

Jarosław Stolarski, Director of the Institute of Paleobiology, Polish Academy of Sciences, Poland

Tran Thanh Hai, Rector of the Hanoi University of Mine and Geology

Stanisław Mazur, Director of the Institute of Geological Sciences, Polish Academy of Sciences, Poland

Tran Quoc Binh, Vice-Rector of the Hanoi University of Natural Sciences, Vietnam National University

Piotr Szrek, Deputy Director, Research and Development Director, Polish Geological Institute –National Research Institute, Poland

Ho Chi Hung, Vice-President of the Vietnam-Polish Friendship Association



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

Organizing Committee:

Anna Wysocka, Institute of Geological Sciences, Polish Academy of Sciences; Faculty of Geology, University of Warsaw – Chairwomen

Trinh Hai Son, Director of the Vietnam Institute of Geosciences and Mineral Resources – Chairman

Do Huy Cuong, Director of the Institute of Marine Geology and Geophysics, Vietnamese Academy of Science and Technology

Nguyen Quoc Cuong, University of Warsaw

Nguyen Dac Dong, Vietnam Union of Geological Sciences

Ewa Durska, Vice Dean, Faculty of Geology, University of Warsaw

Marta Foryś, Centre for International Affairs AGH University of Science and Technology

Nguyen Truong Giang, Director of the Department of Minerals of Vietnam, Ministry of Natural Resources and Environment, Vietnam

Nguyen Xuan Hai, Director of Department of Science and Technology, Ministry of Natural Resources and Environment, Vietnam

Nguyen Hong Minh, President of the Scientific Committee of the Vietnam Petroleum Institute, Petrovietnam

Vu Minh Nguyet, Deputy Director of the Institute of Geological Sciences, Vietnamese Academy of Science and Technology

Nguyen Van Quan, Director of the Institute of Marine Environment and Resources, Vietnamese Academy of Science and Technology

Quach Duc Tin, Deputy Director of the Vietnam Institute of Geosciences and Mineral Resources

Tran Binh Trong, Director of the Department of Geology of Vietnam, Ministry of Natural Resources and Environment, Vietnam

Dinh Xuan Thanh, Dean of Faculty of Geology, Hanoi University of Natural Sciences, Vietnam National University

Nguyen Van Viet, Director of the Southeast Asia Prehistoric Centre

Mariusz Ziólkowski, Andean Research Center of the University of Warsaw



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

Conference Secretariat:

Anna Wysocka – Chief, Institute of Geological Sciences, Polish Academy of Sciences; Faculty of Geology, University of Warsaw

Nguyen Quoc Cuong – Vice-Chief, University of Warsaw

Pham Ngoc Dung – Vice-Chief, Vietnam Institute of Geosciences and Mineral Resources

Nguyen Quynh Anh, Vietnam Institute of Geosciences and Mineral Resources

Agnieszka Baczewska, Faculty of Geology, University of Warsaw

Ngo Xuan Dac, Vietnam Institute of Geosciences and Mineral Resources

Anna Filipek, Faculty of Geology, University of Warsaw

Nguyen Dai Trung, Vietnam Institute of Geosciences and Mineral Resources

Pham Thi Phuong Hang, Vietnam Institute of Geosciences and Mineral Resources

Nguyen Van Tuan, Vietnam Institute of Geosciences and Mineral Resources

Nguyen Van Kieu, Vietnam Petroleum Institute, AGH-UST

Danuta Klimkiewicz, Faculty of Geology, University of Warsaw

Phan Duc Le, Vietnam Institute of Geosciences and Mineral Resources

Phan Dong Pha, Institute of Marine Geology and Geophysics, Vietnam Academy of Science and Technology

Hoang Van Tha, Institute of Geological Sciences, Vietnam Academy of Science and Technology

Dang Tran Nhu Thuy, Vietnam Institute of Geosciences and Mineral Resources

Radosław Staniszewski, Faculty of Geology, University of Warsaw

Edyta Woźniak, University of Warsaw Biological and Chemical Research Centre

Marta Żuchowska, Faculty of Archaeology, University of Warsaw



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

Polish institutions participating in the New Opening Conference



UNIVERSITY
OF WARSAW



Ministry of Climate and Environment
Republic of Poland



Institute of Geophysics
Polish Academy of Sciences



UNIVERSITY OF SILESIA
IN KATOWICE



Ministry of Education and Science
Republic of Poland

Project co-financed from state budget funds granted by the Ministry of Education and Science of Poland within the framework of the "Excellent Science II" Program



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

Vietnamese institutions and organizations participating in the New Opening Conference



Ministry of Natural Resources and Environment



Vietnam Institute of Geosciences and Mineral Resources - VIGMR



Vietnam Mineral Department



Vietnam Geological Department



Vietnam Geophysical Division



Hanoi University of Natural Resources and Environment



Ho Chi Minh City University of Natural Resources and Environment



Vietnam Academy of Science and Technology



Institute of Marine Geology and Geophysics, VAST



Institute of Geography, VAST



Institute of Geological Sciences, VAST



Institute of Geophysics, VAST



Institute of Marine Environment and Resources, VAST



Institute of Oceanography, VAST



Institute of Archeology, VAST



Center for Southeast Asian Prehistory



Hanoi University of Science, Vietnam National University



Hanoi University of Mining and Geology



Vietnam Petroleum Institute, Petrovietnam



Hue University of Sciences



Ho Chi Minh City University of Science



Ho Chi Minh City University of Technology



Vietnam - Poland Friendship Association



Vietnamese Association in Poland



Vietnamese Science and Technology Association in Poland



Truong Sa - Hoang Sa Club in Poland



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

Brief conference program

06/11/2023 – Monday - Venue: FOREIGN RELATION HOTEL, 33C Phạm Ngũ Lão, Phan Chu Trinh, Hoàn Kiếm, Hà Nội

08:00 – 09:00 - Registration

09:00 – 10:00 - Opening ceremony

10:00 – 10:30 - Group photos & coffee break

10.30 – 12:00 - Plenary Session I

12:00 – 13:30 - Lunch

13:30 – 15:00 - Plenary Session II

15:00 – 15:30 - Coffee break

15:30 – 17:00 - Session III, including "Against the sands of time" film presentation

08:00 – 17:00 – Exhibition "Against the sands of time" under the patronage of the Polish Embassy

07/11/2023 – Tuesday - Venue: VIETNAM INSTITUTE OF GEOSCIENCES AND MINERAL RESOURCES, 67 Đường Chiến Thắng, Văn Quán, Hà Đông, Hà Nội

08:00 – 17:00 - Sessions: **S1.** Geology and mineral resources; **S2.** Natural hazards and environmental protection;
S3. Archaeology and Geoarchaeology

17:00 - Symbolic opening of the Polish-Vietnamese Tropical Research Center

08/11/2023 – Wednesday (two parallel trips - full day)

1- Visiting the Institute of Marine Environment and Resources (IMER- VAST); **2-** Visiting the Center for Southeast Asian Prehistory (CSEAP) and surrounding areas (Hoa Binh) to discuss and exchange issues of methods and objects of archaeological research

09 -15/11/2023 (two parallel Field Excursions – 7 days)

<https://geo.uw.edu.pl/en/conference-new-opening/>



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

06/11/2023 – Monday

Venue: FOREIGN RELATION HOTEL 33C Phạm Ngũ Lão, Phan Chu Trinh, Hoàn Kiếm, Hà Nội

Day 1

8:00-9:00	Registration		Exhibition „Against the sands of time” under the patronage of the Polish Embassy
9:00-10:00	Opening Ceremony		
	Chairwoman: Anna Wysocka, Chairman: Trinh Hai Son		
9:00-9:10	Anna Wysocka	Institute of Geological Sciences, Polish Academy of Sciences; Faculty of Geology, University of Warsaw	
9:10-9:20	Trinh Hai Son	Director of the Vietnam Institute of Geosciences and Mineral Resources	
9:20-9:30	Alojzy Nowak	Rector of the University of Warsaw	
9:30-9:40	Tran Quy Kien	Deputy Minister of Natural Resources and Environment of Vietnam	
9:40-9:50	Tomasz Rzymkowski	Secretary of State, Government Plenipotentiary for Development and Internationalization of Education and Science, Ministry of Education and Science	
9:50-10:00	Tran Tuan Anh	Vice-President of the Vietnam Academy of Science and Technology	
10:00-10:30	Group photos & coffee break		
10:30-12:00	Plenary Session I		
	Chairwoman: Ewa Falkowska, Chairman: Nguyen Quoc Cuong		
10:30-10:45	Sławomir Ilnicki	Faculty of Geology (University of Warsaw): scientific opportunities and research facilities	
10:45-11:00	Ewa Durska	Educational offer of the Faculty of Geology at the University of Warsaw	
11:00-11:15	Stanisław Mazur	Institute of Geological Sciences, Polish Academy of Sciences – current capabilities and development prospects	
11:15-11:30	Jarosław Stolarski	The future is a door, the past is the key: The mission of the Institute of Paleobiology Polish Academy of Sciences	
11:30-11:45	Konrad Zawadzki	University of Warsaw, Biological and Chemical Research Centre	
11:45-12:00	Piotr Szrek	Polish Geological Institute – National Research Institute – general information	
11:30-11:40	Marek Borowski	Cooperation between AGH University of Kraków and Hanoi University of Mining and Geology as an example of international teaching, scientific and industrial cooperation	
11:40-11:50	Paweł Świerk	Sustainable cooperation between AGH University of Krakow and Vietnamese higher education institutions, a journey through decades	



Ministry of Education and Science
Republic of Poland

Project co-financed from state budget funds granted by the Ministry of Education and Science of Poland within the framework of the "Excellent Science II" Program



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

12:00-13:30	Lunch	
13:30-14:40	Plenary Session II	
	Chairmen: Konrad Zawadzki & Tran Thanh Hai	
13:30-13:40	Trinh Hai Son	Vietnam Institute of Geosciences and Mineral Resources - general information
13:40-13:50	Tran Thanh Hai	Hanoi University of Mining and Geology – general information
13:50-14:00	Dinh Xuan Thanh	Faculty of Geology, Hanoi University of Sciences, Vietnam National University- general information
14:00-14:10	Do Huy Cuong	Institute of Marine Geology and Geophysics - general information
14:10-14:20	Nguyen Van Quan	Institute of Marine Environment and Resource - general information
14:20-14:30	Ha Van Can	Vietnam Institute of Archeology- general information
14:30-14:40	Nguyen Van Viet	Center of South-East Asia Prehistory- general information
14:40-15:10	Coffee break	
15:10-17:00	Plenary Session III	
	Chairmen: Piotr Szrek & Dinh Xuan Thanh	
15:10-15:25	Piotr Zieliński	University of Bialystok - University with development in its nature
15:25-15:40	Mariusz Ziółkowski	Polish school of archaeology and monument conservation: selected examples and proposals.
15:40-17:00	“Against the sands of time” film presentation	
18:00-...	Gala Dinner*	

Exhibition „Against the sands of time” under the

patronage of the Polish Embassy

*Only for invited guests



Ministry of Education and Science
Republic of Poland

Project co-financed from state budget funds granted by the Ministry of Education and Science of Poland within the framework of the "Excellent Science II" Program



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

07/11/2023 – Tuesday

Venue: VIGMR 67 Đường Chiến Thắng, Văn Quán, Hà Đông, Hà Nội

Day 2 – S1 Meeting Hall

9:00-11:00		
Session 1.1. Geology and mineral resources		
Chairmen: Stanisław Mazur & Ngo Xuan Thanh		
9:00-9:20	Robert Anczkiewicz	Timing and rates of geological processes using multimethod geochronology
9:20-9:40	Sławomir Ilnicki	Ecoligites from the Kamieniec Metamorphic Belt (NE Bohemian Massif, SW Poland): a record of cold Variscan subduction in the Sudetes
9:40-10:00	Olga Rosowiecka	Usage of geophysical methods for mineral prospecting of Poland
10:00-10:20	Krzysztof Nejbert	World-class Zn-Pb (Mississippi Valley-type) and Cu-Ag (Kupferschiefer type) metallic deposits in southern Poland: geological and mineralogical characteristics and genetic relationships with tectonic and sedimentary evolution of the Polish Basin
10:20-10:40	Anna Wysocka	Late Eocene-Early Oligocene fluvial-to-lacustrine feeder system for the northern Song Hong and Beibuwan basins (on-shore north-east Vietnam)
10:40-11:00	Hoang van Tha	Sedimentology of the Paleogene-Neogene deposits along the Chi Linh – Dong Trieu – Hon Gai fault zone, NE Vietnam
11:00-11:25		
Coffee Break		
Session 1.2. Geology and mineral resources		
Chairwoman: Anna Wysocka, Chairman: Ngo Xuan Dac		
11:30-11:45	Jarosław Stolarski	Strengthening Vietnam's coral reef conservation strategy: perspectives of multi-approach collaboration
11:45-12:05	Robert Anczkiewicz	Reconstruction of extinct mammal mobility patterns using high spatial resolution trace element, Sr and O isotope analyses
12:05-12:25	Nguyen Van Tuan	Clarification of the reactivation history of the Song Ba fault zone in the Central Highlands of Vietnam based on Ar-Ar age data of pseudotachylite and mylonite
12:25-12:45	Vu Le Phuong	Geomorphology in multidisciplinary geoscience: application of finescale, synthetic seafloor geomorphological mapping in Viet Nam maritime territories



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

12:45-13:05	Bui Van Vuong	Characteristics of sedimentary environment and proposed measures for rational use of intertidal zones of Red River Delta.
13:05-13:25	Przemysław Gorzelak	Exploring the influence of seawater chemistry on biomineralization and mechanical properties in echinoderms: current developments and future perspectives
13:25-14:40	Lunch Break	
	Session 1.3 Geology and mineral resources	
	Chairmen: Jarosław Stolarski & Nguyen Van Quan	
14:40-15:00	Grzegorz Lizurek	A Story about Polish-Vietnamese Cooperation in Reservoir-Triggered Seismicity Studies
15:00-15:20	Quang Minh Nguyen	Some major research results in geology and geophysics of the East Sea (Vietnam) in recent years and collaboration ideas
15:20-15:40	Stanisław Mazur	Quantification of displacement along the Red River Fault based on 2-D gravity modelling and plate reconstructions
15:40-16:00	Trong Cao Dinh	Improving the efficiency of analytic hierarchy process (AHP) in seismic source mapping based on existing geophysical, geological, and geomorphological data: A case study in Northwest Vietnam
16:00-16:20	Łukasz Słonka	Stratigraphic and structural seismic data interpretation and basin analysis - research capabilities of the SeisSed research group, Institute of Geological Sciences, Polish Academy of Sciences, Warsaw
16:20-17:00	POSTER SESSION S1.1, S1.2, S1.3	



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

07/11/2023 – Tuesday

Day 2 – S2. Conference Room 206

07/11/2023 – Tuesday		
Day 2 – S2. Conference Room 206		
9:00-11:00		Session 2.1. Natural hazards and environmental protection Chairman: Piotr Zieliński, Chairwoman: Nguyen Mai Lan
9:00-9:20	Piotr Zawrzykraj	Selected geological hazards in land development
9:20-9:40	Mateusz Parafiniuk	Geohazards - implementation of the Geological Survey tasks at Polish Geological Institute – National Research Institute
9:40-10:00	Pham Van Tien	Integrated Landslide Simulation Model and its application to Joint Research Proposal between Vietnam and Poland
10:00-10:20	Łukasz Pawlik	Detection and modelling of landslides in Vietnam – preliminary results
10:20-10:40	Nguyễn Đức Vệ	Assessing tidal flat change in Hai Phong coastal zone using multitemporal landsat data and GIS techniques
10:40-11:00	Marek Borowski	Reducing Methane Emissions to the Atmosphere in the Mining Industry
11:00-11:25		Coffee Break
		Session 2.2. Natural hazards and environmental protection Chairman: Marek Borowski & Pham Van Tien
11:25-11:45	Trần Thị Ngọc Quỳnh	Improved performance of cement-stabilized lateritic soil using recycled materials replacement and natural rubber latex for pavement applications
11:45-12:05	Dorota Porowska	Hydrogeological research carried out at the Department of Hydrogeology and Geophysics - past, present and future
12:05-12:25	Piotr Zieliński	Microplastic as a current problem in aquatic ecosystems: examples from Northeastern Poland
12:25-12:45	Nguyễn Mai Lan	A cooperation proposal to carry out the project "Assessment of microplastic distribution in the sea-salts at the salt fields in Ninh Thuan, Vietnam"
12:45-13:05	Ewa Falkowska	Analysis of the ability of sediments to retain pollutants as the basis for optimal land development in accordance with the principles of sustainable development.
13:05-13:25	Ho Huu Hieu	Evolution and mobility of heavy metal and arsenic in porewater upon simulated onland disposal of dredged sediments
13:25-14:40		Lunch Break



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

Session 2.3. Natural hazards and environmental protection		
Chairwoman: Ewa Falkowska, Chairman: Tran Thanh Nhan		
14:40-15:00	Agnieszka Wasilowska	Geochemical properties of urban lake sediments as indicators of natural and anthropogenic environmental changes
15:00-15:20	Dang Hoai Nhon	Radioactivity concentration and risk indices in intertidal sediments of the Red River Delta, Vietnam
15:20-15:40	Trần Thanh Nhân	Utilization of iron slag and steel slag in building construction in Vietnam: Current situation and the imperative for research
15:40-16:00	Edyta Zawisza	Towards a dystrophic lake: The history of Smolak Lake (northern Poland) on the basis of geochemical and biological data
16:00-16:20	Nguyen Trung Thanh	Holocene sedimentary evolution from sediment records of the Tam Giang-Cau Hai coastal lagoon system, central Vietnam
16:20-17:00	POSTER SESSION S2.1, S2.2, S2.3	



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

07/11/2023 – Tuesday

Day 2 – S3. Conference Room 306

07/11/2023 – Tuesday		
Day 2 – S3. Conference Room 306		
9:00-11:00		Session 3.1. Archaeology and Geoarchaeology Chairmen: Mariusz Ziótkowski & Nguyen Van Viet
9:00-9:20	Nguyễn Gia Đồi	Geoarchaeological Approaching to the Archaeological Researches in Vietnam: the Present Situation and Perspectives
9:20-9:40	Nguyễn Ngọc Quý	Archeology: The problem of restoring temples and towers at My Son World Heritage site through experience from Vietnam - Poland cooperation
9:40-10:00	Nguyen Thi Hau	System of archaeological records in the mangrove ecological region of Can Gio District, Ho Chi Minh City
10:00-10:20	Nguyễn Việt	Wetland archaeology and alluvium archaeology in Vietnam – Interdisciplinary archaeology, geology, geomorphology
10:20-10:40	Thanh Thuy Nguyen	Color removal ability of activated carbon prepared from mangosteen pericarp and application in dyeing wastewater treatment
10:40-11:00	Nguyen Truong Dong	The Prehistoric and Protohistoric Archaeology in Dong Van Plateau, Ha Giang Province, Vietnam
11:25		Coffee Break
		Session 3.2. Archaeology and Geoarchaeology Chairwoman: Barbara Woronko, Chairman: Nguyen Gia Đồi
11:25-11:45	Nguyen Le Anh	Using archaeological data in determining the process of formation of the Kinh nation in Vietnam
11:45-12:05	Nguyen Quang Mien	Holocene geological environment of the Cuu Long Delta and the ancient Kingdom of Funan
12:05-12:25	Marta Karolina Żuchowska	Circularity, and exchange. Regional trade in the South-Western Pacific region from prehistory to early historic periods.
12:25-12:45	Robert Mariusz Żukowski	From excavation to museum. Archaeological data management in a contemporary research perspective
12:45-13:05	Alexei Vranich	Archaeological and Conservation research on Andean World Heritage Sites
13:05-13:25	Duc Hong Du	Phylogeographic distribution of human mitochondrial DNA haplogroups in Southeast Asia
13:25-14:40		Lunch Break
		Session 3.3. Archaeology and Geoarchaeology Chairwoman: Marta Żuchowska, Chairman: Le Hai Dang



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

14:40-15:00	Lê Hải Đăng	Potential and prospects for carrying out marine archaeological surveys in Dung Quat, Binh Chau, Quang Ngai areas under Vietnamese conditions
15:00-15:20	Hoang Thi Thuy Linh	Doubts about paleoclimate and sea level that need to be resolved in Vietnam's history
15:20-15:40	Nguyễn Việt	Using archaeological data to study climate change from the Later Pleistocene to Holocene in Northern Vietnam
15:40-16:00	Barbara Woronko	Impact of 2.7 ka climatic event on the local habitants of the Ararat Plain seen from Metsamor perspective (S Armenia)
16:00-16:20	Nguyen Thi Thu Cuc	The significance of the Diatomeae and pollen complexes in studying the sedimentary environment at Dam Thuong archaeological site, Thuy Nguyen, Hai Phong
16:20-16:40	Cao Thu Nga	Researching climate change and sea level in Oc-Eo culture – approach to prosperity and decay of the Phu Nam
16:40-17:00		POSTER SESSION S2.1, S2.2, S2.3

17:00 - Symbolic opening of the Polish-Vietnamese Tropical Research Center



Ministry of Education and Science
Republic of Poland

Project co-financed from state budget funds granted by the Ministry of Education and Science of Poland within the framework of the "Excellent Science II" Program



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

POSTER SESSIONS

16:20-17:00

Venue: VIGMR 67 Đường Chiến Thắng, Văn Quán, Hà Đông, Hà Nội

POSTER SESSION 1

S1. Geology and mineral resources	Multiple Sources for Rare Earth and Fe-Cu Mineralization in the Sin Quyen IOCG Deposit, insight from in-situ Nd Isotope Analysis of Titanite	Ngô Xuân Đắc, Trinh Hai Son, Khuong The Hung
S1. Geology and mineral resources	Some major research results in geology and geophysics of the East Sea (Vietnam) in recent years and collaboration ideas	Nguyễn Quang Minh, Tuan Dung Tran, Tuan Duong Tran
S1. Geology and mineral resources	Improving the efficiency of analytic hierarchy process (AHP) in seismic source mapping based on existing geophysical, geological, and geomorphological data: A case study in Northwest Vietnam	Trong Cao Dinh, Trieu Cao Dinh, Pha Phan Dong, Dung Le Van, Tuan Thai Anh, Luc Nguyen Manh, Thanh Duong Van, Bach Mai Xuan, Hung Pham Nam
S1. Geology and mineral resources	Early Paleozoic magmatism in the Central Vietnam and their significance on tectonic evolution of the Indochina Block	Ngo Xuan Thanh, Nguyen Quoc Hung, Yoonsup Kim, Bui Vinh Hau, Tran Thanh Hai
S1. Geology and mineral resources	Early Paleozoic metamorphic-hosted ore mineralization in the western part of the Kon Tum massif: new structural and geochronological constraints	Luong Thi Thu Hoai, Michel Faure, Lin Wei, Nguyen Van Vuong, Pham Nguyen Ha Vu, Bui Van Dong, Nguyen Ba Minh, Nguyen Hong Quan, Vu Tien Thanh
S1. Geology and mineral resources	Initial assessment of heavy metal concentrations (As, Cd, Cu, Pb, Zn) in soil and plants at a gold mine waste site: A case study of the Ta Nang gold mine in the Central Highlands, Vietnam	Duong Thi Lim, Dang Tran Quan, Nguyen Manh Ha, Nguyen Cong Long, Tran Thu Thuy, Nguyen Quang Bac
S1. Geology and mineral resources	Marine geological research on the Vietnam continental shelf by High Resolution Shallow Seismic (HRSS) method	Duong Quoc Hung, Nguyen Van Diep, Mai Duc Dong
S1. Geology and mineral resources	Post-opening of East Viet Nam Sea geodynamic and magmatic evolution in Southern Viet Nam	Le Duc Anh, Phung Van Phach, Nguyen Hoang, Do Huy Cuong, Phan Dong Pha
S1. Geology and mineral resources	Modern Geomechanics for Unconventional Reservoirs	Andrzej Domanik, Paweł Łukaszewski, Przemysław Wilczyński
S1. Geology and mineral resources	Seismo-stratigraphic interpretation of high-resolution seismic data: Examples from the latest Quaternary deposits of the Central Vietnam shelf area	Nguyen Van Kieu, Pham Nguyen Ha Vu



Ministry of Education and Science
Republic of Poland

Project co-financed from state budget funds granted by the Ministry of Education and Science of Poland within the framework of the "Excellent Science II" Program



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

S1. Geology and mineral resources	Carboniferous-permian lithostratigraphic units in the Duyen Hai Zone (coastal zone) of Northeast Vietnam	Nguyen Huu Hùng, Trinh Thai Ha, Ho Tien Chung, Nguyen Van Tuan, Nguyen Thi Hien An, Nguyen Ngoc Tram
POSTER SESSION 2		
S2. Natural hazards and environmental protection	Residential solid waste management in Dong Anh Town and Tien Duong, Uy no communes in Dong Anh District, Hanoi	Nguyễn Mai Lan
S2. Natural hazards and environmental protection	A review of nature-based solution for coastal protection in the Mekong Delta	Hoang Tung Dao, Mai Lan Nguyen
S2. Natural hazards and environmental protection	Contamination level, fractionation and leachability of heavy metals and arsenic in sediments under changing environmental conditions in Cam River mouth, Hai Phong Province (Vietnam)	Huu Hieu Ho, Rudy Swennen, Valérie Cappuyns, Tan Van Tran
S2. Natural hazards and environmental protection	Detection of hazard clusters of heavy metal pollution from mining activities in Quy Hop area, Nghe An province using spatial scan statistics	Nguyen Quoc Phi, Quach Duc Tin, Hoang Nam, Dao Trung Thanh
S2. Natural hazards and environmental protection	The formation mechanism of Thu Bon Rivermouth Bar, Central Vietnam	Vu Tuan Anh, Nguyen Thị Thuy Dung, Vu Van Phai, Duong Tuan Ngoc, Vu Le Phuong
POSTER SESSION 3		
S3. Archaeology and Geoarchaeology	Environmental applications of geomaterials: state of the art, challenges, and opportunities for Vietnam	Hoàng Thị Thanh Thủy, Phạm Thanh Lưu, Cam Loan, Huỳnh Tiên Đạt, Lê Thị Thảo Duyên
S3. Archaeology and Geoarchaeology	Holocene sedimentary evolution from sediment records of the Tam Giang-Cau Hai coastal lagoon system, central Vietnam	Nguyen Trung Thanh, Vu Van Tich, Nguyen Thi Thu Cuc, Phạm Hoàng Hiệp, Hà Minh Cường, Phạm Nguyễn Hà Vũ, Phạm Thu Hiền, Nguyễn Văn Tinh



Ministry of Education and Science
Republic of Poland



ACCOMMODATION

Foreign Relations Hotel, 33C Phạm Ngũ Lão, Phan Chu Trinh, Hoàn Kiếm, Hà Nội, Vietnam

<https://maps.app.goo.gl/abehSpPBF85gA5sk9>

VISAS

We remind you that visas are required for entry into Vietnam. Visa information at:

<https://www.gov.pl/web/wietnam/informacje-dla-podrozujacych>

<https://wizaserwis.pl/ambasada-wietnamu/>

The organizer does not provide travel insurance (OC, AC, NNW) - please purchase insurance individually.

<https://geo.uw.edu.pl/en/conference-new-opening/>



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

Field Excursions 1

HA NOI – YEN BAI – LAO CAI – SA PA – BAC HA – HOANG SU PHI
– HA GIANG – DONG VAN – MEO VAC – HA GIANG
– TUYEN QUANG TAN TRAO – HA NOI

PROGRAM:

09/11/2023: HA NOI – YEN BAI – SA PA (L,D)

07h00: Pick the group up at The Foreign Relation Hotel. Drive to Yen Bai. Stop to visit Van Phu geological cross section. Proceed to Sa Pa. Lunch at local restaurant. Checking in LA CASA hotel ***. Transfer to Cable car station. By Cable car up the mountain. Visit Thanh Phong pagoda. And then by gear train to the top of Fansipan Mountain (3.143m) – The Indochina's roof. Enjoying Panorama view of Hoang Lien Son Range from the top of Fansipan. Walking down the mountain by stairs to the Cable car station visiting Kim Son Pagoda. By cable car down the mountain. Back to hotel. Dinner and night in hotel.

10/11/2023: SA PA – LAO CAI – SIN QUYÊN COOPER MINE – LC APATITE MINE (B,L,D)

Breakfast at hotel. Departure for Bat Sat to visit Sin QUYEN Copper mine. Back to Lao Cai. Lunch at local restaurant. Checking in LAO CAI STAR HOTEL****. Afternoon: Drive to Cam Duong Tro visit Lao Cai Apatite Mine. Back to hotel. Dinner and night in hotel.

11/11/2023: LAO CAI – BAC HA – CAN CAU – HOANG SU PHI (B,L,D)

Breakfast at hotel. Departure for Hoang Su Phi. Stop on the way to visit Bac Ha Temple, Hoang A Tuong Mansion. Continue driving to visit Can Cau Buffalo Market. Proceed to Vinh Quang town - Capital of Hoang Su Phi District. Lunch at local restaurant. Drive to visit the terraced fields of Hoang Su Phi & the landscape under the Tay Con Linh mountain range. Checking in Sky View Khanh Dinh homestay. Dinner & Stay at Homestay

12/11/2023: HOANG SU PHI – THANH THUY BORDER GATE – HA GIANG (B,L,D)

Breakfast at homestay. Drive back to Vinh Quang Town to visit Hoang Su Phi Fair (Hold only on Sunday). Departure for Ha Giang City. Visit Thanh Thuy international border gate. Continue to Ha Giang. Checking in CAO NGUYEN hotel***. Visit Ha Giang City: Forbidden Mountain tourist area, Central Square, Milestone zero. Dinner & Night in hotel.

13/11/2023: HA GIANG – TAM SON – LUNG CU – DONG VAN (B,L,D)

Breakfast at hotel. Departure for Dong Van. Visit on the way: QUAN BA Heaven gate, The geological, tectonical heritage of Tam Sơn Limestone, Fossil heritage of Trilobites in Lung Cu, Lung Cu Flag Tower, Hmongs' King's Mansion. Lunch during visit. Proceed to Dong Van. Checking in HOA CUONG hotel***. Visit Architectural and cultural heritage of Đồng Văn Ancient Town. Dinner and night in hotel.

14/11/2023: DONG VAN - ĐỒNG VĂN – MÈO VẠC – HÀ GIANG (B,L,D)

Breakfast at hotel. Departure for Meo Vac via MA PI LENG pass. Boat cruise on Nho Que River visiting the limestone geomorphological heritage in the area of Tu San Gorge; Paleontological – stratigraphic-ancient environmental heritage in the area of Mã Pì Lèng Pass. Lunch at local restaurant in Meo Vac. Back to Yen Minh by Provincial road 182 and then to Ha Giang. Checkin in hotel CAO NGUYEN***. Dinner at local restaurant. Night in hotel.

15/11/2023: HA GIANG –TUYEN QUANG – TAN TRAO – HA NOI (B,L)

Brekfast at hotel. Drive back to Ha Noi via Tuyen Quang. Visit the relic of Mac Dynasty Ancient citadel. Lunch at local restaurant. Drive to Tan Trao to visit the historical relic area of Hong Thai communal house - Tan Trao communal house and banyan tree - Na Luong tent. Continue driving back to Hanoi. Drop the group off at hotel. END OF PROGRAM.



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

Field excursion 2

DA NANG – HOI AN – MY SƠN – QUANG NGAI – PHU YEN
– NHA TRANG – PHAN RANG – PHAN THIET – HOCHIMINH CITY
– TAN SON NHAT

PROGRAM:

09/11/2023 (Thursday): DA NANG – HOI AN (L,D)

Arrival Da Nang airport by VN.../.. Meeting with guide And bus at the airport. Transfer to Da Nang city centre. Visit Cham Sculpture Museum and then Ngu Hanh Marble Mountain. Drive to Hoi An. Lunch at local restaurant. Checking in ROSE GARDEN HOI AN hotel***. Afternoon: Visit: Pomnik Kazimierza „Kazika” Kwiatkowskiego w Hội An & the ancient town of Hoi An – The World heritage: Japanese Bridge Pagoda, A Chinese Temple, Phung Hung ancient house, Hoi An market. Dinner at local restaurant. Night in hotel.

10/11/2023 (Friday): HOI AN – MY SON – QUANG NGAI (B,L,D)

Breakfast at hotel. Drive to visit My Son Cham Sanctuary. Enjoying Cham Dances. Lunch at local restaurant. Drive to Quang Ngai. Visit on the way Cenozoic basalt volcanic rocks in Binh Sơn area & Ba Làng An Sea Lights. Checking in hotel NEW PALACE HOTEL *** in Quang Ngai. Dinner and night in hotel.

11/11/2023 (Saturday): QUANG NGAI – SA HUYNH – QUY NHƠN – TUY HOA (B,L,D)

Breakfast at hotel. Visit Quảng Ngãi Provincial Universal Museum. Departure for Sa Huynh to visit Archaeological sites. Proceed to Quy Nhon. Lunch at local restaurant. Visit Cham Twin Tower. Continue driving Tuy Hoa. Visit on the way Heritage of columnar basalts - Gành đá đũa. Checking in HUNG VUONG hotel*** in Tuy Hoa. Dinner and night in hotel.

12/11/2023 (Sunday): TUY HOA – NHA TRANG (B,L,D)

Breakfast at hotel. Departure for Nha Trang. Stop to visit Dai Lanh Beach on the way. Continue driving to Nha Trang. Visit Cham Ponagar Tower, Hon Chong Rocks. Lunch at local restaurant .
Checking in SKY BEACH HOTEL****. Transfer to Cau Da Warf. Boat cruise to Hon Mun Island to visit marine biodiversity. Back to Nha Trang. Dinner and night in hotel.

13/11/2023 (Monday): NHA TRANG – NINH THUAN (B,L,D)

Breakfast at hotel. Departure for Ninh Thuan. Boat cruise in Vinh Hy Bay to visit Colorful coral reef. Checking in VINH HY RESORT***. Lunch at resort. Afternoon visit Ecological environment in Nui Chua area & Ancient coral system in Hang Rai. Back to resort. Dinner and night in resort.

14/11/2023 (Tuesday): NINH THUAN – PHAN THIET (B,L,D)

Breakfast at hotel. Visit Cham Poklong Garai Tower, Sand dunes Heritage of Nam Cuong. Drive to Phan Thiet. Visit on the way The Lotus Pond, White sand dunes & Red sand Dunes.
Lunch at local restaurant. Checking in DYNASTY BEACH RESORT***. Free for sea bathing. Dinner at local restaurant. Night at resort.

15/11/2023 (Wednesday): PHAN THIET – HO CHI MINH CITY – HA NOI (B,L)

Breakfast at hotel. Visit Fairy Stream, Cham Posanu Tower. Check out the hotel. Drive to Ho Chi Minh city. Lunch at local restaurant. Transfer to Tan Son Nhat Airport. Flight back to Ha Noi by .../... END OF THE PROGRAM.



Ministry of Education and Science
Republic of Poland



NEW OPENING
POLISH-VIETNAMESE
SCIENTIFIC CONFERENCE

You are cordially invited to attend the conference "New Opening"

<https://geo.uw.edu.pl/en/conference-new-opening/>

See you in Hanoi