



THE PROGRAM
of
**FIRST INTERNATIONAL CONFERENCE
OF NATURAL
HISTORY AND WILDLIFE (ICNHW)**

24- 25 November 2021

**Iraq Natural History Research Center and
Museum, University of Baghdad**

Iraq



FIRST INTERNATIONAL CONFERENCE OF NATURAL HISTORY & WILDLIFE

*** Under the watchword ***

” Protectors of Wildlife... Future of the National Economy”

First day: 24 Nov.

Entering the event please login: <https://meet.google.com/hey-thyn-wzc>

Registration

08:30 – 09:30 a.m.

Opening ceremony

09:30 –10:45 a.m.

- 🌐 Iraqi National Anthem.
- 🌐 Ayat of Quran Kareem.
- 🌐 Speech of the Minister of Higher Education and Scientific Research.
- 🌐 Speech of the President of University of Baghdad.
- 🌐 Speech of the Director of the Iraq Natural History Research Center and Museum (Chairman of Organizing Committee).
- 🌐 Speech of the Chairman of Scientific Committee.

- 🌐 10:15 – 10:30 First Keynote Speaker
(Wildlife Science in a Fast-paced World: Using Camera Traps to Connect with People)
Assist. Prof. Dr. M. Colter Chitwood, Oklahoma State University, Stillwater, Oklahoma, USA
E-mail: colter.chitwood@okstate.edu
- 🌐 10:30 – 10:45 Second Keynote Speaker
(Integrated Management of Ecosystems with Special Attention to the Invasive Species)
Prof. Dr. Wafaa M. Amer, Botany and Microbiology Department, Faculty of Science, Cairo University, Egypt.
E-mail: wamer@sci.cu.edu.eg

Artistic Activities and Presentations Related to Environmental Recycling

10:45

Coffee Break

11:15- 11-45



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Academic Sessions Start 12:00- 3:30

College of Languages- University of Baghdad				
		Theme	Place of Session	Time
G E O L O G Y	1 st	Geodiversity	Hall of the Martyr Assist. Prof. Dr. Fouad	12:00- 01:00
	2 nd	Geoparks and Natural Heritage	Al-Bayati Login: https://meet.google.com/hey-thyn-wzc	01:30- 03:30
	3 rd	Natural Resources, Sustainability and Desertification	Hall of Library Login: https://meet.google.com/nxo-brxo-kuf	12:00- 02:00
Iraq Natural History research center and Museum- University of Baghdad				
		Theme	Place of Session	Time
B I O L O G Y	1 st	Taxonomy and its Applications in Community Service	Hall of Library Login: https://meet.google.com/bfs-bdei-thy	12:00- 02:30
	2 nd	Biodiversity and Nature Reserves and Conservation Status	Laboratory of Vertebrates Login: https://meet.google.com/dpd-pupz-obj	12:00- 2:30
	3 rd	Ecosystems and their Management.	Laboratory of Botany and Ecology Login: https://meet.google.com/hnt-qsmu-yty	12:00- 02:00
	4 th	Comparative Anatomy of Wild Species and Wildlife Diseases.	Laboratory of Entomology and Invertebrates Login: https://meet.google.com/ezt-fxqs-byk	12:00- 02:30

Second day 25 Nov.

Entering the event please login: <https://meet.google.com/bfs-bdei-thy>

-  **Artistic Activities and Presentations Related to Environmental Recycling. 9:00**
-  **Closing session (Recommendations and giving Certifications of appreciation). 10:00- 11:00**



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First day 24 November 2021

Academic sessions

12:00- 3:00

(Start after the coffee break)

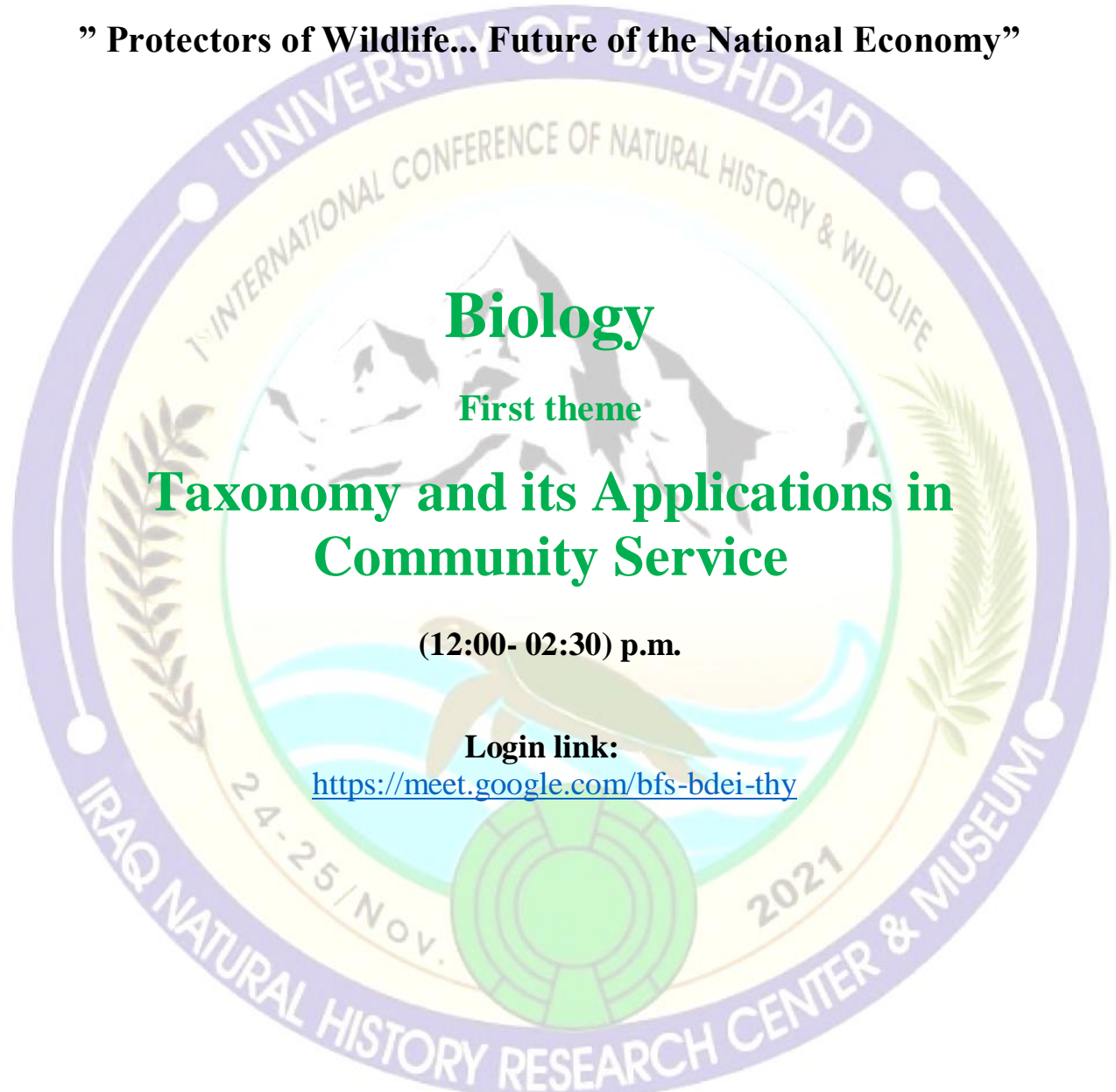




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Biology

First theme

Taxonomy and its Applications in Community Service

(12:00- 02:30) p.m.

Login link:

<https://meet.google.com/bfs-bdei-thy>



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Biology		
1 st theme (12:00- 02:30)		
Taxonomy and its applications in community service		
Session Committee		
Chairman	Vice	Rapporteur
Prof. Dr. Hasan Al-Asadi Al-Mashriq University	Prof. Dr. Hanaa H. Al- Saffar University of Baghdad	Dr. Shurooq Abdullah Najim University of Basrah
Time	Research Title	Author(s)
12 :00 p.m.	First Record of the land Snail <i>Polygyra cereolus</i> (Megerle Von Muhlfield, 1816) (Gastropoda, Polygyridae) for Iraqi Molluscan Fauna	Hiba Mohammed Jihad and Hayder Badri Ali* Department of Biology, College of Science, University of Baghdad, Baghdad, Iraq. * Corresponding author E-mail: hayder.badri@sc.uobaghdad.edu.iq
12:15 p.m.	First Record of <i>Colletteichthys occidentalis</i> Greenfield (Pisces: Batrochoidiformes, Batrochoididae) and <i>Polydactylus mullani</i> (Hora) (Carangiformes, Polynemidae) from Marine Waters of Iraq	Atheer H. Ali*, Ali A. Al-Darwesh and Jawad A. Mizher Department of Fisheries and Marine Resources, College of Agriculture, University of Basrah, Iraq *Corresponding author E-mail: atheeralibu@gmail.com
12:30 p.m.	<i>Stachys omranica</i> (Lamiaceae): A new taxa in Iraq	Zainab Abid Aun ^{1*} and Ali Haloob ² ¹ Dept. of Bio., Coll. of Sci. for Women, University of Baghdad ² National Herbarium of Iraq, Ministry of Agriculture *Corresponding author E-mail: zainabao_bio@cs.w.uobaghdad.edu.iq
12:45 p.m.	A Taxonomical Study of <i>Carissa macrocarpa</i> (eckl.) A. dc (Apocynaceae) in Iraq	Aqeel Abdul Abas A.Z. Alsudani ^{1*} and Huda Jasim M. Altameme ² ¹ Department of Biology, Faculty of Education for Girls –University of Kufa, Iraq ² Department of Biology, College of Science for Women, University of Babylon, Babylon, Iraq. *Corresponding author E-mail: ageelabdulabas@gmail.com E- mail: Wsci.huda.j@uobabylon.edu.iq



01:00 p.m.	Identification of Two Species from the Genus <i>Chrysobothris</i> Eschscholtz, 1829 (Coleoptera: Buprestidae) Based on Larval Morphology and Molecular Technique	Pshtiwan A. Jalil ¹ and Wand K. Ali ^{2*} ¹ Department of Plant Protection, College of Agricultural Engineering Sciences, Salahaddin University- Erbil, Iraq ² Department of Biology, College of Education, Salahaddin University- Erbil, Iraq *Corresponding author's email: wand.ali@su.edu.krd
01:15 p.m.	Morphology Study and Some Biological Aspects of <i>Lampetis Mimosae</i> (Klug, 1829) (Buprestidae: Coleoptera) in Basrah Province, Iraq	Muslim A. Al-Etby* and Husien A. Al-Amery Department of Plant Protection, College of Agriculture, University of Basrah, Iraq. *Corresponding author E-mail: Moslemhony67@gmail.com
01:30 p.m.	First Record of Silver Tripod Fish <i>Triacanthus nieuhofii</i> Bleeker, 1852 (Tetradontiformes, Triacanthidae) from Eastern Hammar Marsh, Southern Iraq	Atheer H. Ali ^{1*} and Adel F. Abbass ² ¹ Department of Fisheries and Marine Resources, College of Agriculture, University of Basrah, Iraq ² Department of Ecology, College of Sciences, University of Basrah, Iraq *Corresponding author E-mail: atheeralibu@gmail.com
01:45 p.m.	<i>Atheta basraiensis</i> sp. nov. (Coleoptera, Staphylinidae) from Iraq	Hussein Ali Jabbar*, Kadhim Saleh Hassan and Nasir Abd-ali Almansour Department of Biology, College of Science, University of Basrah, Iraq. *Corresponding author E-mail: zaiduali72@gmail.com
02:00 p.m.	Morphological Study of Two New Species of the Genus <i>Lixus</i> (Coleoptera: Curculionidae: Lixinae) Form Iraq	Halgurd Rashed Ismael Akrawi* and Jwan Ibrahim Fadil Al-din Duhok University, College of Agricultural Engineering Science, Department of Plant Protection, Kurdistan region-Iraq *Corresponding author E-mail: halgurd.ismael@uod.ac
02:15 p.m.	Short Notes About the First Record of <i>Dugesia tigrina</i> in Iraq	Mohammed Jawad Al-Haidarey ^{1*} , Zainab Razaq Hassan Al-Shemary ¹ and Sama AlMaarofi ² ¹ Department of Ecology and Pollution, Faculty of Since, University of Kufa ² Department of Sustainability Sciences, Lakehead University - Orillia Campus *Corresponding author E-mail: mohammedj.alhaydari@uokufa.edu.iq



02:30 p.m.	<p style="text-align: center;">Poster</p> <p style="text-align: center;">New Record of Ground Beetles, <i>Chlaenius hamifer</i> Chaudoir, 1856 (Coleoptera, Carabidae) in Iraq</p>	<p style="text-align: right;">Amal Hussein Abdullah¹ Radhi F. Al-Jassany¹ and Razzaq Shalan Augul²</p> <p style="text-align: right;">¹Department of Plant Protection, College of Agriculture, University of Baghdad, Baghdad, Iraq.</p> <p style="text-align: right;">²Iraq Natural History Research Center and Museum, University of Baghdad, Iraq</p> <p style="text-align: right;">*Corresponding author: aamal.hussein1004@coagri.uobaghdad.edu.iq</p>
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” Protectors of Wildlife... Future of the National Economy”

Biology Second theme **Biodiversity, Nature Reserves and Conservation Status**

(12:00- 02:15) p.m.

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24-25 / Nov.

2021

UNIVERSITY OF BAGHDAD
INTERNATIONAL CONFERENCE OF NATURAL HISTORY & WILDLIFE
IRAQ NATURAL HISTORY RESEARCH CENTER & MUSEUM



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Biology		
2 nd theme(12:00- 02:15)		
Biodiversity..... Nature reserves and conservation status		
Session Committee		
Chairman	Vice	Rapporteur
Prof. DR. Amed N. El-Barkooky Cairo University	Assist. Prof. Dr. Abed Hassan Baraaj University of Baghdad	Assist. Prof. Dr. Afkar M. Hadi University of Baghdad
Time	Research Title	Author(s)
12:00 p.m.	Soil Fungi Diversity in Some Soils of Hilla City, Iraq	Mahammed E Jabbar Al-Defiery ^{1*} , Thair J. Baqr Al-Shamm ² and Laith Razzq Al-Husaniy ³ ¹ Department of Biology - College of Science for Women - University of Babylon, Iraq ² Mesopotamia State Company for Seed - Ministry of Agriculture ³ Iraqi Civil Aviation Authority, Baghdad International Airport *Corresponding author E-mail: aldefiery@gmail.com
12:15 p.m.	A Survey of Land Snails in NE Libya	Ahmed M. Muftah ^{1*} and Bushra S. Al Tarbagiah ² ¹ Departments of Earth Sciences, Faculty of Science, University of Benghazi, Benghazi, Libya. ² Department of Zoology ² , Faculty of Science, University of Benghazi, Benghazi, Libya. *Corresponding author E-mail: ahmed59muftah@gmail.com
12:30 p.m.	Effect of Tharthar Arm Water on Composition and Diversity of Copepoda in Tigris River Northern of Baghdad City, Iraq	Osama S. Majeed ^{1*} , Ahmed J. M. Al-Azawi ² and Muhanned R. Nashaat ³ ¹ Directorate of Third Karkh, Ministry of Education, Baghdad, Iraq. ² Department of Biology, College of Science, University of Baghdad, Baghdad, Iraq. ³ Ministry of Science and Technology, Baghdad, Iraq. *Corresponding author: osamaalways230@gmail.com
12:45 p.m.	Overhunting and its Impact on the Wildlife Environment & Sustainable Hunting in Iraq	Raad M. Wafur Abdulrazzaq Founder and Former Secretary-General of the Iraqi hunters Association Corresponding E-mail: raadalsadon@yahoo.com
01:00 p.m.	Poster Odonata in Basra Province- South of Iraq	Huda K. Ahmed ^{1*} and Dhia K. Kareem ² ¹ Marine science Center, University of Basra, Basra, Iraq



		² College of Education for pure science, University of Basra, Basra, Iraq *Corresponding E-mail: hudaa.ahmed@uobasrah.edu.iq
01:15 p.m.	RAPD Analysis as a Reliable Tool for Detection of Biodiversity in Iraq	Ayad M.J. Al-Mamoori ^{1*} , Shaimaa S.M. Ali ¹ and Jasim M.Salman ² ¹ Department of Biology, College of Science University of Babylon ² Environmental studying and research center Corresponding author E-mail: sci.ayad.mohammed@uobabylon.edu.iq
01:30 p.m.	Comparative anatomical and histological study of the kidneys in two euryhaline Teleostan species <i>Heteropneustes fossilis</i> and <i>Gambusia holbrooki</i>	Abed Hassan Baraaj University of Baghdad- collage of Sciences- Department of Biology Corresponding author E-mail: Abed.baraaj@sc.uobaghdad.edu.iq
01:45 p.m.	Remarkable Species in Iraq's Herpetofauna	Wolfgang Böhme Zoological Research Museum Alexander Koenig (ZFMK), Bonn, Germany Corresponding author E-mail: w.boehme@leibniz-zfmk.de
02:00 p.m.	Survey of Ladybird Beetles (Coccinellidae, Coleoptera) from Different Host Plants in Basrah Province, South of Iraq	Shurooq Abdullah Najim ^{1*} , Hussain Ali Mahdi ² and Dawod Salman Hamid ³ ¹ Ecological department, Science College, Basrah University, Iraq. ² Plant protection department, Agriculture College, Basrah University, Iraq. ³ Plant protection department, Agriculture College, Basrah University, Iraq. Corresponding author E-mail: shurooq.najim@uobasrah.edu.iq
02:15 p.m.	Survey of the Some Southern Iraqi Marshes Insects	Hanaa H. Al- Saffar* and Razzaq Shalan Augul Iraq Natural History Research Center and Museum, University of Baghdad Corresponding E-mail: dr.hanaa66@nhm.uobaghdad.edu.iq



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Biology

Third theme

Ecosystems and their Management

(12:00- 02:00) p.m.

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Biology		
3 rd theme(12:00- 02:00)		
Ecosystems and their Management		
Session Committee		
Chairman	Vice	Rapporteur
Prof. Dr. Manal Fawzy Cairo University	Prof. Dr. Hayder Badri Ali Baghdad University	Assist. Prof. Dr. Khansaa Rashed Baghdad University
Time	Research Title	Author(s)
12:00 p.m.	New Approach to Assess Ecological Health of Shatt Al-Arab River	Amal.A.Sabbar ^{1*} , Sahar. A. Al-Saadi ² , Najah.A.Hussain ³ ¹ Department of Protection and Improvement the Environment in the Southern Region, Basrah ² Department of Biology, College of Science, Basrah University ³ Department of Ecology, College of Science, Basrah University *Corresponding author E-mail: amalalisabbar@yahoo.com
12:15 p.m.	Determining Pollution Level for the Marine Environment Using the Pollution Load Index	Khadija S. ELhariri [*] , Mohamed S. Hamouda and Mariam M. ELmughrbe Faculty of Science, Botany Department, University of Benghazi, Libya *Corresponding Author E-mail: khadiga.elhariri@uob.edu.ly
12:30 p.m.	Investigation of Heavy Metals Pollution in Euphrate River (Iraq) by Using Heavy Metal Pollution Index Model	Laith Hemed Kamel ¹ , Sadiq Kadhum Lafta Al-Zurfi ^{2*} and Mahmood Basil Mahmood ¹ ¹ Department of Biology, Collage of Science, University of Baghdad ² Department of Ecology and pollution, Faculty of Science, University of Kufa, Iraq. *Corresponding author E- mail: sadiqk.alzurfi@uokufa.edu.iq
12:45 p.m.	Laser Detection of Pollution	Farah Abdual Jaleel Azahawi College of Medicine University of Baghdad Corresponding author E-mail: farahabdualjaleel@colang.uobaghdad.edu.iq



01:00 p.m.	Conservation of Otters in the World, Iraq as a Case Study.	Grace Yoxon International Otter Survival Fund, Broadford, Scotland Corresponding author E-mail: grace@otter.org
01:15 p.m.	Morphological, Anatomical and Chemical Study of an Exotic Plant <i>Jetropha</i> L. (Euphorbiaceae) in Iraq	Zainab Abid Aun Ali*, Hadeel M. Habeeb and Liqaa A. Jazaa Department of Biology, College of science for women, University of Baghdad *Corresponding author E- mail: zainabao_bio@csw.uobaghdad.edu.iq
01:30 p.m.	Survey of the Butterflies (Lepidoptera: Rhoelocera) Associated with some Brassicaceae Plants in Basra Province, Iraq	Faisal Nasser Jaber ¹ , Aqeel Alyousuf ¹ and Hanaa H. Al- Saffar ² ¹ Department of plant protection faculty of agricultural, University of Basra, Iraq ² Iraq natural history research center and museum, University of Baghdad Corresponding author E- mail: faisal.nasser@uobasrah.edu.iq
01:45 p.m.	Micromorphological Study of Some Species of Asteraceae	Sukeyna Abaas Aliwy ^{1*} and Hadeel Radawi H. Al-Newani ² ¹ Department of Biology, College of science, University of Baghdad ² Department of Biology, College of science, Mustansiriyah University *Corresponding author E-mail: anaamnoor@yahoo.com
02:00 p.m.	poster The Role of Natural Biodiversity in Enriching Natural History Museums With Different Living Models	Mahmmoud Hussein Abdul Rahman Hussein Iraq Natural History Research Center and Museum, University of Baghdad, Baghdad, Iraq ahmed.mahmoud2005@googlemail.com



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Biology

Fourth theme

Comparative Anatomy of Wild Species and Wildlife Diseases

(12:00- 02:30) p.m.

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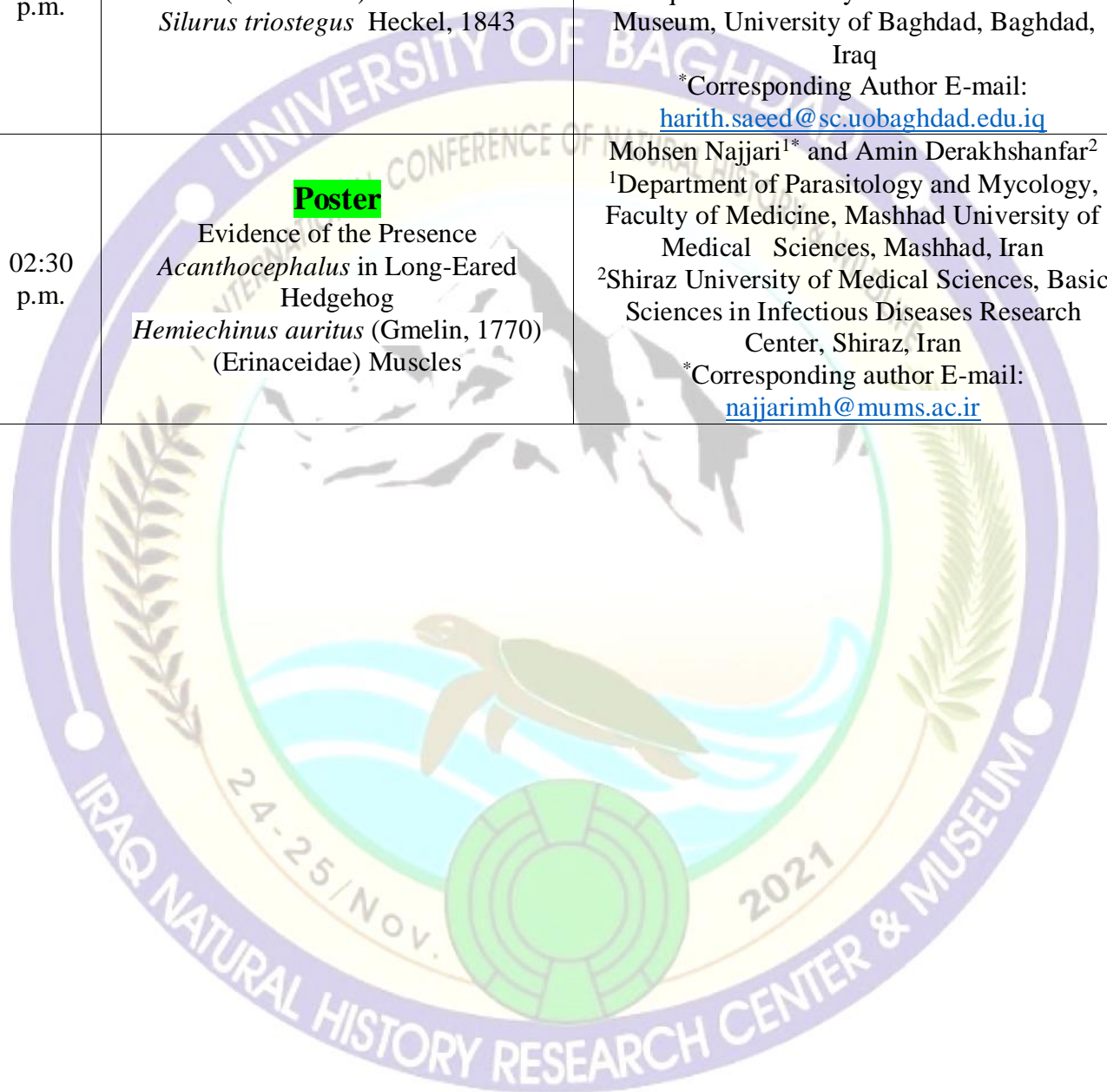
Biology		
4 th theme (12:00- 02:30)		
Comparative Anatomy of Wild Species and Wildlife Diseases		
Session Committee		
Chairman	Vice	Rapporteur
Prof. Azhar Ahmed Saad Allah University of Baghdad	Assist. Prof. Wand Khalis Ali Salahddin University	Lecturer Dr. Amjed Qays Ibrahim University of Baghdad
Time	Research Title	Author(s)
12:00 p.m.	Comparative Study of Anatomical Characters between Two Species of <i>Milium</i> L. Growing Wild in Iraq	Qasim, A. Rhaif* and Khansaa, A. Shaheed Biology Department, College of Science, University of Kerbala, Iraq *Corresponding author E-mail: qasim.a@s.uokerbala.edu.iq E-mail: khansaah@uokerbala.edu.iq
12:15 p.m.	Survey on Prevalence of Endoparasites in Wild Rabbits in Ahar City, Iran	Yagoob Garedaghi ^{1*} and Yaghoob Firouzvand ² ¹ Department of Parasitology, Tabriz Branch, Islamic Azad University, Tabriz, Iran. ² Department of Pathobiology, Malekan Branch, Islamic Azad University, Malekan, Iran. *Corresponding author: E-mail: Y_garedaghi@iaut.ac.ir
12:30 p.m.	Leaf Anatomy Study for Epidermis some Species of Cypraceae Family in Iraq	Basma Aziz Hamid ^{1*} and Neepal Imtair Al-Garaawi ² ¹ Department of field crop, College of agriculture, Kerbala University, Kerbala, Iraq ² Department of Biology, College of Education for Pure Science, Kerbala University, Kerbala, Iraq neepal.i@uokerbala.edu.iq *Corresponding author E-mail: basma.azeez@uokerbala.edu.iq
12:45 p.m.	Impact of Covid-19 on Human Health and Air Pollution through the Different Concentrations in the Aerosol Optical Depth and Particulate Matter over Iraq	Zainab M. ABBOOD, Wedyan G. NASSIF, Osama T. AL-TAAI* and Zahraa S. MAHDI Department of Atmospheric Science, College of Science, Mustansiriyah University, Baghdad, Iraq. *Corresponding Author E-mail: osamaaltaai77@uomustansiriyah.edu.iq



01:00 p.m.	Study Some Medicinal Components of Mistletoe (<i>Loranthus europaeus</i> Jacq) Parasite on Oak (<i>Quercus aegilops</i>) at Different Locations of Sulaimani, Iraq	Zainab Sabah Lazim* and Idrees Aziz Hassan Department of Horticulture, College of Agricultural Engineering Sciences, University of Suleimani, Bakrajo 46011, Sulaimanyah, Kurdistan Region – Iraq. *Corresponding author E-mail: zaynab.lazim@univsul.edu.iq
01:15 p.m.	Epidemiology and Associated Risk Factors of Sarcocystosis in Meat Producing Animals in Duhok Province, North of Iraq	Shivan N. Hussein*, Assel A. Ibrahim and Mohammed S. Shukur Department of Medicine and Surgery, College of Veterinary Medicine, University of Duhok, Duhok, Kurdistan Region-Iraq. *Corresponding author E-mail: Shivan.hussein@uod.ac
01:30 p.m.	Morphological Study for Accipitrid Birds (Accipitridforms, Accipitridae) in Iraq	Afkar M. Hadi*, Suhad Y. Jassim, Hind D. Hadi and Hani S. Khalif Iraq Natural History Research Center and Museum, University of Baghdad, Iraq *Corresponding author E-mail: afkar_hadi_iraq@yahoo.com
01:45 p.m.	Assessment of Bacteriological Quality of Drinking Water from Various Sources in Tukarah Town, NE Libya	Mohamed M Bumadian ¹ , Yosra M Al-sbaihy ² , Ismaeel H Bozakouk ¹ and Farag A. Bleiblo ¹ ¹ Department of Microbiology, Faculty of Science, University of Benghazi, Benghazi, Libya. ² Department of Botany, Faculty of Science, University of Benghazi, Benghazi, Libya Corresponding author E-mail: mohamed.bumadian@uob.edu.ly
02:00 p.m.	Estimation of Cadmium and Arsenic Elements in the Livers and Kidneys of Domestic Pigeons (<i>Columba livia</i>) Infected with cestoda worms in Al-Nassiriyah city, Iraq.	Afra A. Maktook ¹ , Zahraa Z. Aljanabi ² , Rusel Z. Farhan ³ , Amal khudair khalaf ⁴ 1 Biology Department, Science Collage, University of Thi-Qar 2 Environment Research Center, University of Technology - Iraq ³ Department of Environmental Engineering, University of Baghdad 4 Microbiology Department, College of Medicine, University of Thi-Qar afrah.m_bio@sci.utq.edu.iq zahraa.z.farhan@uotechnology.edu.iq r.farhan0911@coeng.uobaghdad.edu.iq



02:15 p.m.	Lead content of <i>Contraecaecum</i> spp larvae (Nematodes) and their host <i>Silurus triostegus</i> Heckel, 1843	Harith Saeed Al-Warid ^{1*} , Ahmed Saad Aldhamin ¹ , Azhar Ahmed Al-Moussawi ² ¹ Department of Biology, College of Science, University of Baghdad, Baghdad, Iraq ² Iraq Natural History Research Center and Museum, University of Baghdad, Baghdad, Iraq *Corresponding Author E-mail: harith.saeed@sc.uobaghdad.edu.iq
02:30 p.m.	Poster Evidence of the Presence <i>Acanthocephalus</i> in Long-Eared Hedgehog <i>Hemiechinus auritus</i> (Gmelin, 1770) (Erinaceidae) Muscles	Mohsen Najjari ^{1*} and Amin Derakhshanfar ² ¹ Department of Parasitology and Mycology, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran ² Shiraz University of Medical Sciences, Basic Sciences in Infectious Diseases Research Center, Shiraz, Iran *Corresponding author E-mail: najjarimh@mums.ac.ir





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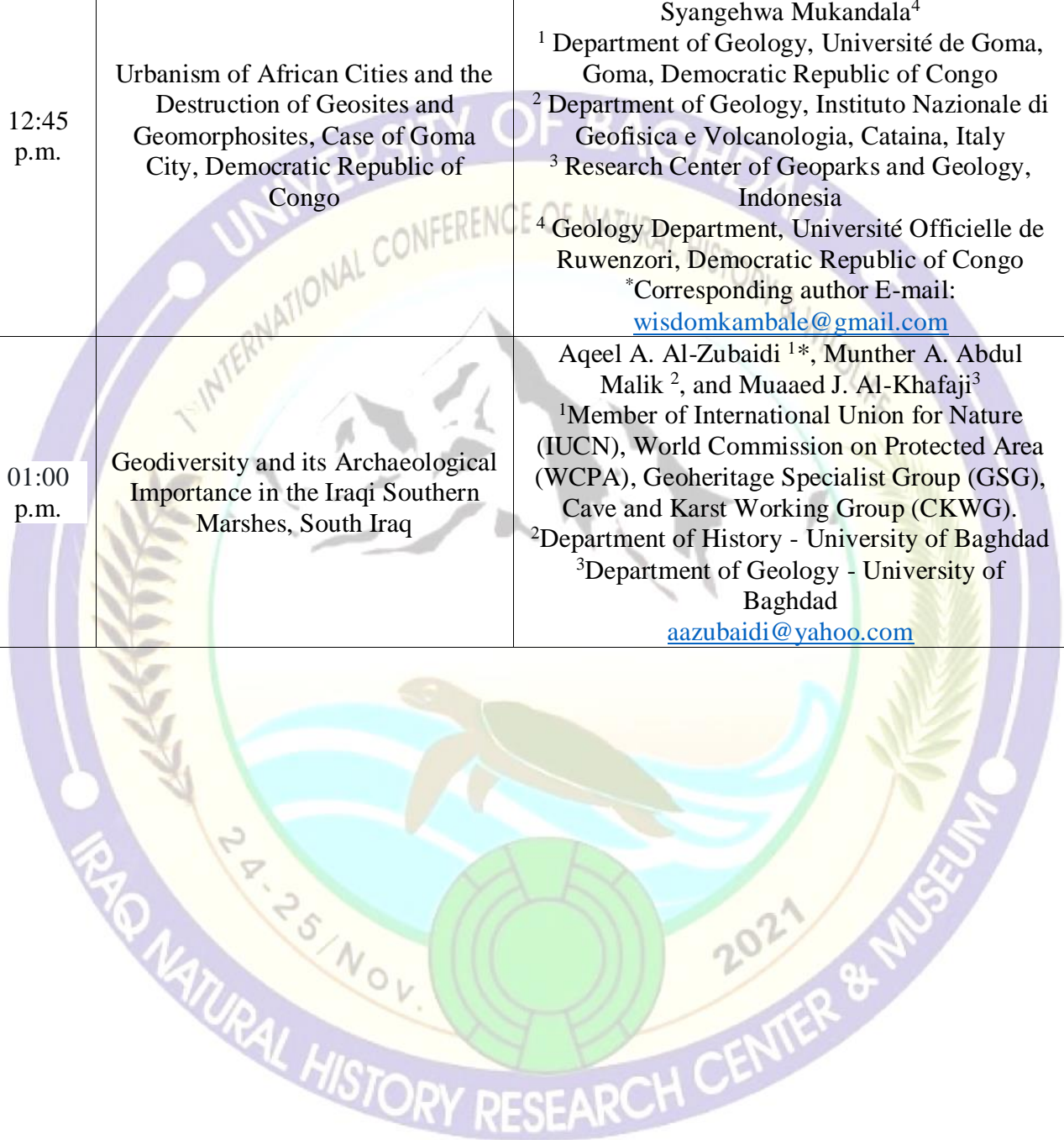
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Geology		
1 st theme(12:00- 01:00)		
Geodiversity		
Session Committee		
Chairman	Vice	Rapporteur
Prof. Dr. Salih M. Awadh- University of Baghdad	Mr. Salah S. El-Ekhfifi- National Oil Corporation, Libya	Assist. Prof. Muhannad H. Al- Jabiri University of Basrah
Time	Research Title	Author(s)
12:00 p.m.	Geodiversity of Smaqule Area as a Geopark in Kurdistan Region/ Iraq	Amera Ismail Hussain ^{1*} and Lafta Salman Kadhim ² ¹ Department/ College of Science/Tikrit University\ Iraq ² Applied Geology Department, College of science, University of Tikrit, Tikrit, Iraq *Corresponding author: amera_hussain@tu.edu.iq
12:15 p.m.	Geotourism Potential of the Hor Al- Dalamj Area, Wasit - Diwaniya Province, Central Iraq	Moutaz A. Al-Dabbas ^{1*} , Hadeel M. Abdulsattar ² and Weam H. Kadum ³ ¹ College of Science, University of Baghdad, Baghdad, Iraq ² College of Islamic Sciences, Al-Iraqia University, Baghdad, Iraq ³ Department of Chemistry, College of Science for Women, University of Baghdad, Iraq, *Corresponding author E-mail: profaldabbas@yahoo.com
12:30 p.m.	Importance of Rhodolith Bearing Beds of Benghazi Formation in Paleoenvironment, Northeast Libya	Ahmad M. Muftah ¹ , Abdulbadi M. Sowan ² , Abdulrahim S. Al-Amari ² and Muntasir F. Al-Warfalli ² ¹ University of Benghazi, Faculty of Science, Department of Earth Sciences, Benghazi, Libya. E-mail: Ahmed59muftah@gmail.com ² PetroLibya Academy – Faculty of Engineering, Department of Geological Engineering, Benghazi-Libya.



12:45 p.m.	Urbanism of African Cities and the Destruction of Geosites and Geomorphosites, Case of Goma City, Democratic Republic of Congo	Wisdom Kambale Kavyavu ^{1*} , Tania Ganci ² Ange Gakuru Malaika ¹ , Mega Rosana ³ and Syangehwa Mukandala ⁴ ¹ Department of Geology, Université de Goma, Goma, Democratic Republic of Congo ² Department of Geology, Istituto Nazionale di Geofisica e Volcanologia, Catania, Italy ³ Research Center of Geoparks and Geology, Indonesia ⁴ Geology Department, Université Officielle de Ruwenzori, Democratic Republic of Congo *Corresponding author E-mail: wisdomkambale@gmail.com
01:00 p.m.	Geodiversity and its Archaeological Importance in the Iraqi Southern Marshes, South Iraq	Aqeel A. Al-Zubaidi ^{1*} , Munther A. Abdul Malik ² , and Muaaed J. Al-Khafaji ³ ¹ Member of International Union for Nature (IUCN), World Commission on Protected Area (WCPA), Geoheritage Specialist Group (GSG), Cave and Karst Working Group (CKWG). ² Department of History - University of Baghdad ³ Department of Geology - University of Baghdad aazubaidi@yahoo.com

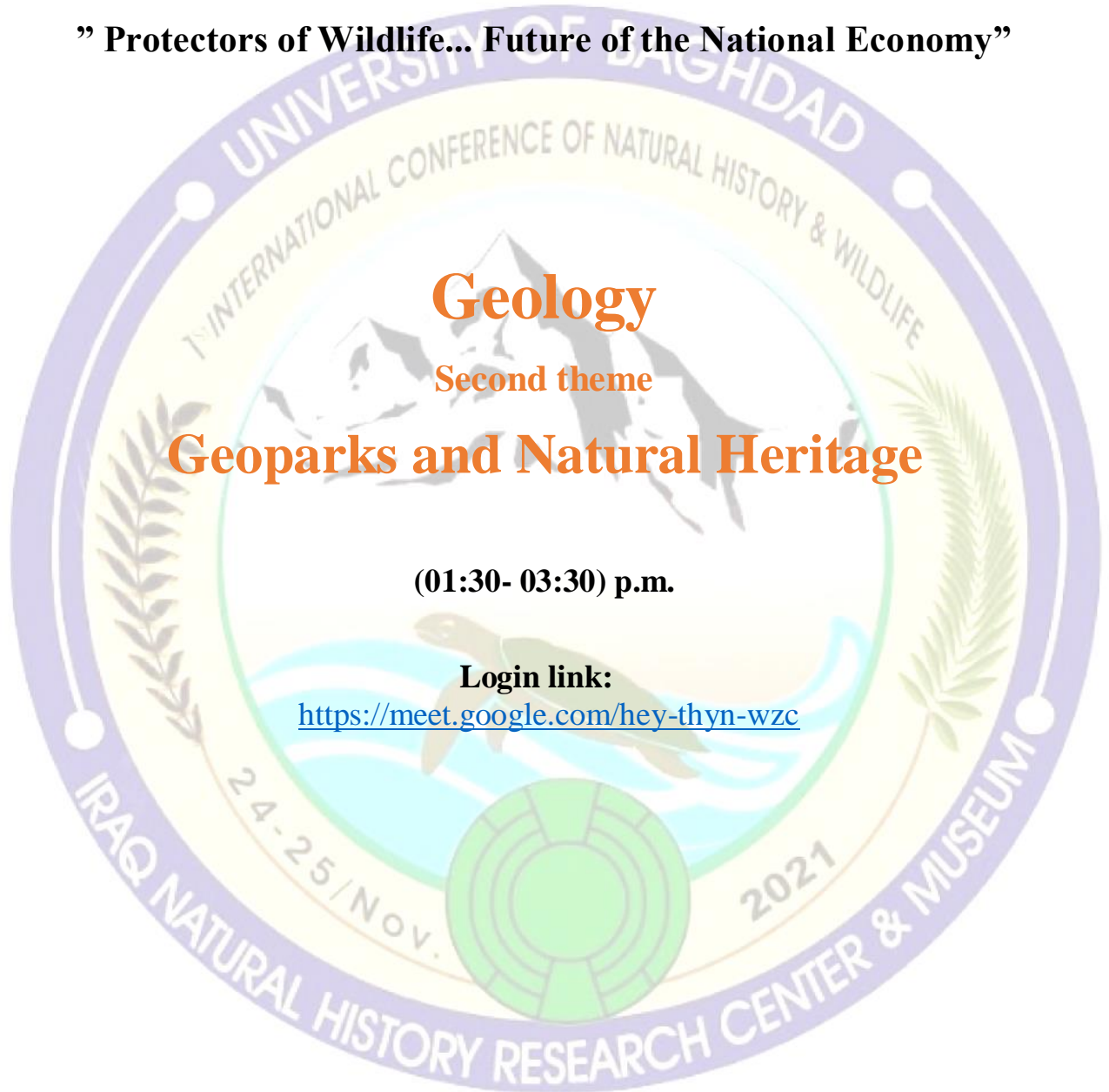




FIRST INTERNATIONAL CONFERENCE OF NATURAL HISTORY & WILDLIFE

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” Protectors of Wildlife... Future of the National Economy”





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Geology		
2 nd theme(01:30- 03:30)		
Geoparks and Natural Heritage		
Session Committee		
Chairman	Vice	Rapporteur
Prof. Dr. Aqeel A. Al-Zubaidi Member of IUCN, WCPA	Rzger Abdulkarim Abdula Soran University, Iraq	Lecturer Hussain Zaydan Ali Al-Esraa University College
Time	Research Title	Author(s)
01:30 p.m.	Potential Area for a National Geopark and Geosites near Himreen Mountain, Middle of Iraq	Aqeel A. Al-Zubaidi ¹ Member of International Union for Nature (IUCN), World Commission on Protected Area (WCPA), Geoheritage Specialist Group (GSG), Cave and Karst Working Group (CKWG). Corresponding author E-mail: aazubaidi@yahoo.com
01:45 p.m.	Natural Radiological Properties of Infracambrian Rocks in Jabal Sanam Structure, Southern Iraq	Basim H. Soltan ¹ , Safaa H. Al-Ali ^{1*} , Sany E. Hannina ¹ and Khachak F. Wartan ² ¹ Department of Geology, College of Science, University of Basrah, Basrah, Iraq ² Directorate of Environment protection, Basrah, Iraq *Corresponding author: safaa.alali@outlook.com
02:00 p.m.	Using Conceptual and Quantitative Models Approach to Evaluate the Criterion Values of Potential Geopark Sites. Missan Area SE Iraq	Riaed Al Siaede Missan University, Iraq Corresponding author E-mail: Rd.iraq@gmail.com
02:15 p.m.	Geotourism Parameters Assessment of Batnan Region northeast Libya for Potentiality of Sustainable Development	Ibrahim M. Abou El Leil ¹ , Ali M. Al Fatory ^{2*} and Abdelsalam Saleh ² ¹ Department of Petroleum Engineering, Faculty of Engineering, Tobruk University ² Natural Resources Department, Benghazi Academy of Higher Studies *Corresponding author E-mail: ali.elfeitur@uob.edu.ly
02:30 p.m.	Speleothem Documentation from Kuna Ba Cave, Sulaimani Area,	Abdulrahman Bamerni ^{1*} , Ashty Barzani ² and Arkan Sharezwri ³



	Kurdistan Region, North of Iraq	<p>¹Department of Geology, College of Sciences, University of Duhok, Kurdistan Region of Iraq. ²Department of Petroleum Geology, College of Petroleum and Mineral Sciences, Polytechnic University of Duhok, Kurdistan Region of Iraq. ³Department of Petroleum Geosciences, Faculty of Sciences, University of Soran, Kurdistan Region of Iraq.</p> <p>*Corresponding author E-mail: abdulrhman.qasim@uod.ac</p>
02:45 p.m.	Necessity of Creating a Geopark in the North Kivu Province, Democratic Republic of the Congo	<p>Wisdom Kambale Kavyavu^{1*}, Rzger Abdulkarim Abdula², Soo Jae Lee³, Henning Zellner⁴, and Maria Richargds⁵</p> <p>¹ Department of Geology, Université de Goma, Goma, Democratic Republic of Congo ² Department of Petroleum Geosciences, Soran University, Soran, Iraq ³ School of Geology and Environment, Korean Environment Institute, South Korea ⁴ UNESCO Global Geopark, Harz Braunschweiger Land Ostfalen, Central Germany ⁵ Geothermal Laboratory, University of Tennessee, Dalas, Texas, USA</p> <p>*Correspondence author email: wisdomkambale@gmail.com</p>
03:00 p.m.	Bestoon Cave's as Important Resource for Geoheritage, Iraq	<p>Aqeel A. Al-Zubaidi ^{1*}, Rzger A. Abdula² and Mohamed Abioui³</p> <p>¹Member of International Union for Nature (IUCN), World Commission on Protected Area (WCPA), Geoheritage Specialist Group (GSG), Cave and Karst Working Group (CKWG). ²Soran University, Erbil, Iraq Tishk International University, Erbil, Iraq ³Ibn Zohr University, Agadir, Morocco "Monachus" Group of Scientific Research and Ecological Education, Constanta, Romania</p> <p>*Corresponding author E-mail: aqeel.zubaidi.az@gmail.com</p>
03:15 p.m.	Identification of Recharge Area In Batur Unesco Global Geopark By Isotope Stable Analysis	<p>M Mohamad Sapari Dwi Hadian^{1*}, Satrio² and Hendarmawan¹</p> <p>¹Geology Engineering, Faculty of Geology, Universitas Padjadjaran, Jatinangor, Indonesia ²Pair Batan, Jakarta, Indonesia</p>



03:30 p.m.	Geoparks: Nature Conservation, Socioeconomic Development and Sustainability	*Corresponding author E-mail: sapari@unpad.ac.id Ahmed N. El-Barkooky Professor in Geology Department, Cairo University, Egypt Corresponding author E-mail: Abarkooky@sci.cu.edu.eg
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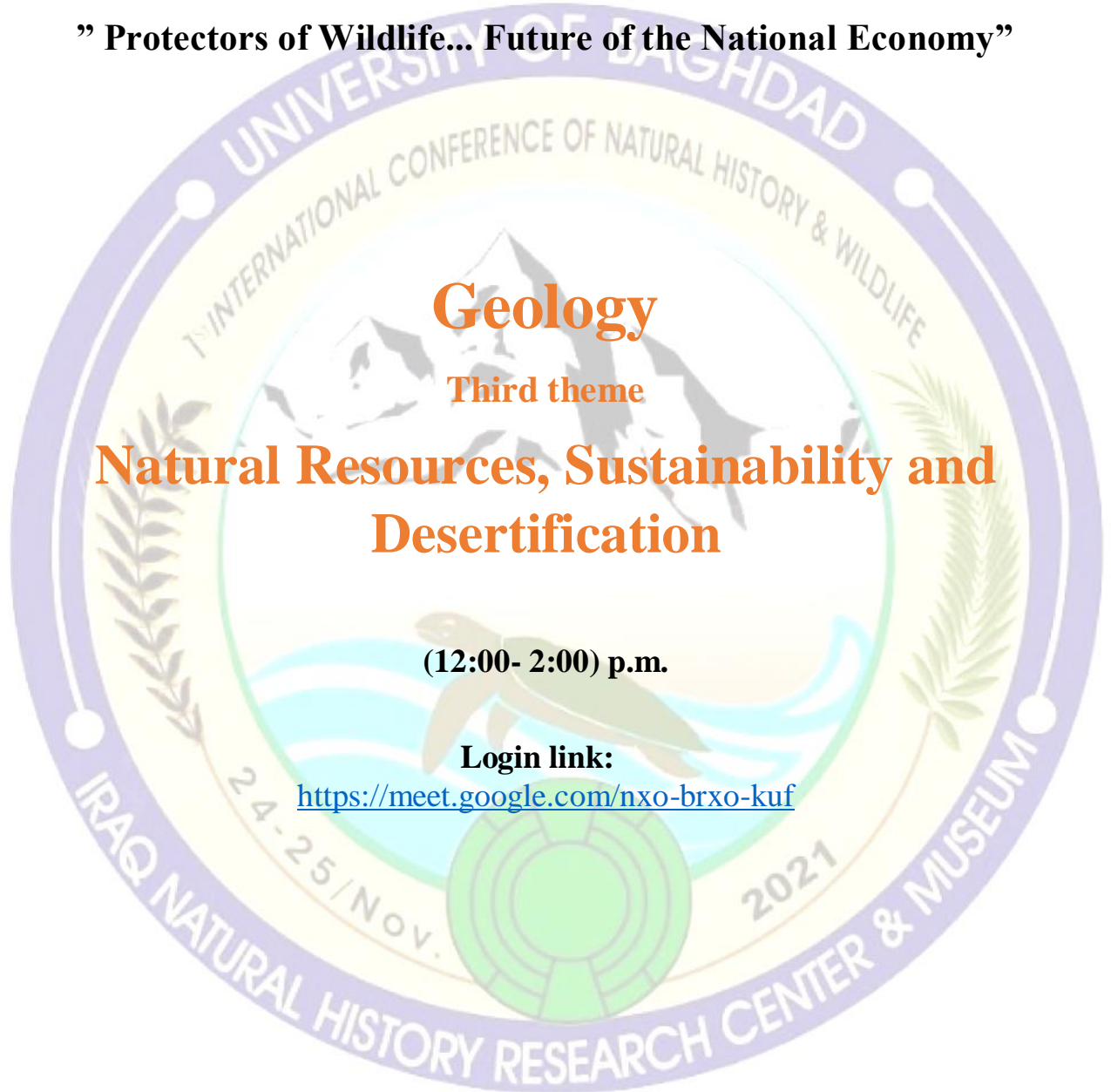




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Geology

Third theme

**Natural Resources, Sustainability and
Desertification**

(12:00- 2:00) p.m.

Login link:

<https://meet.google.com/nxo-brxo-kuf>



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Geology		
3 rd theme (12:00- 2:00)		
Natural Resources, Sustainability and Desertification		
Session Committee		
Chairman	Vice	Rapporteur
Prof. Dr. Riaed Al- Siaede Maysan University, Iraq	Prof. Dr. Amera Ismail Hussain University of Tikrit, Iraq	Lecturer Dr. Heba S. Al-Mimar University of Baghdad
Time	Research Title	Author(s)
12:00 p.m.	The First Human Inhabitants during Late Pleistocene-Holocene in Northern Iraq	Rzger A. Abdula ^{1*} , Wisdom Kambale Kavyavu ² and Mohammed Hail Hakimi ³ ¹ Department of Petroleum Geosciences, Soran University, Soran, Iraq ² Université de Goma, Goma Town, Democratic Republic of Congo ³ Geology Department, Faculty of Applied Science, Taiz University, 6803 Taiz, Yemen *Correspondence author email: rzger.abdula@soran.edu.iq
12:15 p.m.	Survey of Khor Al-Zubair/ Um Qaser mudflat shorebirds: Effect of tidal cycle and seasonal variation on their assemblages and abundance, Basrah, Iraq	Malik Hassan Ali ^{1*} , Hanaa Hussein Mohammed ¹ and Mudhafar A. Salim ² ¹ Marine Science, University of Basrah, Basrah, Iraq ² Arab Regional Center for World Heritage, Baghdad, Iraq *Corresponding author E-mail: malikh.ali@gmail.com
12:30 p.m.	Geological characteristics and spatial distribution of sand and gravel quarries in Basra Governorate - southern Iraq	Ikhlas Abdel Hassan Aziz [*] , Basem Hamid Sultan and Ali Khaled Al Ali Department of Earth Science - College of Science - University of Basra *Corresponding author E-mail: noorwwffaa@gmail.com
12:45 p.m.	Geochemical Assessment of Drinking Water: A Case Study of the Bo Traba Seawater Desalination Plant	Osama Rahil Shaltami ^{1*} , Fares F. Fares ¹ , Farag M. EL Oshebi ¹ , Hwedi Errishi ² and Salah S. El-Ehfif ³ ¹ Department of Earth Sciences, Faculty of Science, Benghazi University, Libya



		<p>²Department of Geography, Faculty of Arts, Benghazi University, Libya</p> <p>³National Oil Corporation (NOC), Exploration department, Libya</p> <p>*Corresponding author E- mail: osama.rahil@yahoo.com</p>
01:00 p.m.	Monitoring some physical and chemical properties of Water in the eastern Al-Haweza marsh Using Satellite Imagery and Geographic Information Systems	<p>Hussain Zaydan Ali^{1*}, Amer M. Hussin² and Jasib S. Al-Marsumi³</p> <p>¹Lecturer / Al-Esraa University College</p> <p>²Belad Al-Rafidain University College</p> <p>³Iraqi Association of Marshes Survive and Development</p> <p>*Corresponding author name: hussain.zaydan@esraa.edu.iq</p>
01:15 p.m.	Basic Concepts of Environmental Geo-Sciences	<p>Mukdad Hussein Ali Al-Jabbari¹ and Asia Abdul Rahman Issa Al-Asady^{2*}</p> <p>¹Cosultant of water and environmental resources and a member of EIANZ</p> <p>²Retired Professors</p> <p>*Corresponding author E-mail: asia_alasady@yahoo.com</p>
01:30 p.m.	Lithological and Geochemical assessments of the Eocene Apollonia Formation at Karsah region, Cyrenaica Libya	<p>Saad K. El Ebaidi, Ahmed M. Muftah and Mohammed H. Al Riaydh</p> <p>University of Benghazi, Faculty of Science, Department of Earth Sciences, Benghazi-Libya.</p> <p>*Corresponding author E-mail: saad.elebaidi@uob.edu.ly</p>
01:45 p.m.	Assessment of Haj Yousif Springs for Balneotherapy Purposes in Mandali, Diyala Province, East of Iraq	<p>Iman A. Al- Ali^{1*}, Sawsan Al- Hazaa² and Reham Basim¹</p> <p>¹Geology Department, College of Science, University of Baghdad, Iraq</p> <p>²Applied Geology Department, College of Science, University of Tikrit, Tikrit, Iraq,</p> <p>*Corresponding author E-mail: mohammedrahman842004@gmail.com , sawsanalhazaa@yahoo.com , Reham16994@gmail.com</p>
02:00 p.m.	Study of <i>Unio</i> Philipsson, 1788 (Bivalvia, Unionida) shells in Quaternary Deposits, Southern of Iraq	<p>Mohanad Al-Jaberi[*], Harith Al-Saad and Hiba Khalid Lafta</p> <p>Geology department, College of Science, Universty of Basrah,</p> <p>* Corresponding author E-mail: jaberi76@yahoo.com</p>



02:15 p.m.	Wetlands of South Iraq; National Heritage for Saving Human Cultures and Global Environmental Balance	Heba S. Al-Mimar Department of Geology, College of Sciences, University of Baghdad, Baghdad, Iraq Corresponding Author E-mail: dr.almimar@yahoo.com
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Second day 25 November 2021

Artistic Activities and presentations related to waste recycling
Start at 9:00

Closing session
Closing session

(Recommendations and giving Certifications of appreciation)
10:00- 11:00

Login link:

<https://meet.google.com/bfs-bdei-thy>





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Closing Session (10:00- 11:00)	
The Committee	
Chairman	Prof. Dr. Razzaq Shalan Augul Director of the Iraq National History Research Center and Museum (Chairman of Organizing Committee)
Vice	Prof Dr. Moutaz A. M. Al-Dabbas Chairman of the Scientific Committee
Rapporteur	Lecturer, Dr. ZainabAbid Aun Ali Department of Biology, College of Science for women, University of Baghdad
member	Prof. Dr. Aqeel A. Al-Zubaidi, ¹ Member International Union for Nature (IUCN), World Commission on Protected Area (WCPA), Geoheritage Specialist Group (GSG), Cave and Karst Working Group (CKWG).
member	Prof. Dr. Huda Jasim M. Altameme, Department of Biology, College of Science for Women, University of Babylon.
member	Assist. Prof. Dr Harith Saeed Al-Warid Department of Biology, College of Science, University of Baghdad, Baghdad
member	Prof. Dr. Manal Fawzy Ahmed Abdel Wahab Department of Environmental Science, University of Alexandria, Egypt
member	Assist. Prof. Dr. Rzger Abdulkarim Abdula, Department of Petroleum Geosciences, Soran University, Soran, Iraq
member	Prof. Dr. Hayder Badri Ali Department of Biology, College of Science, University of Baghdad



منهاج

المؤتمر العلمي الدولي الأول للتاريخ الطبيعي والحياة البرية

24-25 تشرين الثاني 2021

24-25 تشرين الثاني 2021

مركز بحوث ومتحف التاريخ الطبيعي- جامعة بغداد
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