

**Tentative Scientific Program**

**Day-1 July 11, 2019**

<b>08:00-08:30</b>	<b>Registrations &amp; Breakfast</b>
<b>08:30-08:45</b>	<b>Welcome Speech &amp; Opening Ceremony</b>
<b>08:45-09:00</b>	<b>Introduction of Organizing Committee</b>
<b>Keynote Forum (09:00 - 11:00)</b>	
<b>Keynote Title: Microbialites: Characteristics, Utility, and Controversies</b>	
<b>Stanley M. Awramik</b> , University of California, USA	
<b>Biography:</b> Stanley Awramik is Professor of Biogeology in the Department of Earth Science, University of California, Santa Barbara, where he's been a faculty member since 1974. He obtained his BA (geology) from Boston University and his PhD (geology) from Harvard.	
<b>Keynote Title: Radiocarbon Production by Thunderstorms</b>	
<b>Leonid Babich</b> , Russian Federal Nuclear Center -VNIIEF, Russia	
<b>Biography:</b> Prof. L.P. Babich received MS degree in Nuclear Engineering from Moscow Engineering Physics Institute, Cand. Sci. (Ph.D.) degree in theoretical physics from Russian Federal Nuclear Center— VNIIEF, B.Sc. degree and Professor Title (the RF state certificates) in plasma physics in 1968, 1974, 1987 and 1996, respectively. He has been with VNIIEF since 1968, where he is currently the Head Research Scientist.	
<b>Keynote Title: The Progress of Polarization Remote Sensing in Earth Science in PR. China</b>	
<b>Lei Yan</b> , Peking University, China	
<b>Biography:</b> Professor Lei Yan obtained his PhD (Instruments and Mechanology) from Tsinghua University, China. Currently he is working as full professor at the Insitute of Remote Sensing & GIS (IRS&GIS), School of Earth and Space Sciences, Peking University, China. He is the director of Key Laboratory of Spatial Information and 3S Application (Peking University).	

**Keynote Title: Isotope and Geochemical Insights in Shale Upper Aquifers, Neuquen Basin, Argentina: Implication for Environmental Protection**

**Héctor A. Oстера**, DTP Laboratorios S.R.L., Argentina

**Biography:** Héctor A. Oстера obtained his Ph.D. in Geological Sciences, University of Buenos Aires. Associate Professor, Department of Geological Sciences, University of Buenos Aires; Vice-Director, Institute of Geochronology and Isotope Geology (INGEIS); Research scientist, Environmental and Analytical Area, YPF S.A.; Director, DTP Laboratories; R&D Manager, DTP Laboratories S.R.L (2011-2018).

**Group Photo**

**11:15 - 11:30 Coffee & Refreshment Break @ Foyer**

**Plenary Talks (11:30 - 13:00)**

**Title: Airborne Doppler Wind Lidar Observations of Tropical Cyclone Structure and Dynamics**

**Jun Zhang**, Atlantic Oceanographic and Meteorological Laboratory, NOAA, USA

**Title: Historical Monitoring of Shoreline Changes in Cua Dai Estuary, Central Vietnam using Multitemporal Remote Sensing Data**

**Nguyen Q. Tuan**, Hue University, Vietnam

**Title: Understanding Emerging Contaminants in the Environment: Moving from Fear to Empowerment**

**Heather Gall**, The Pennsylvania State University, USA

**Title: A New Way of using the Spider Diagram Method in Heavy Metal Pollution Studies for Earth Sciences**

**Sevda Ozel**, Sivas Cumhuriyet University, Turkey

**Title: The so-called anthropogenic climate change fantasy and the reality of geological forcing of global warming and climate change**

**Aftab Alam Khan**, University of Dhaka, Bangladesh

**Title: Major and Trace Element Geochemistry of Emerald from Different Worldwide Deposits: The Key Role of Metasomatic Process**

**Caterina De Vito**, University of Sapienza, Italy

**Title: Increasing Warming of Steadily Shrinking Dead Sea Surface Water**

**Pavel Kishcha**, Tel Aviv University, Israel

**Title: Characterization and Formation of Pristine Rhizoliths around Artemisia Roots in Dune Soils of Tengeri Desert, China**

**Qingfeng Sun**, Northwest Normal University, China

**Lunch @ Restaurant (01:30 -14:30)**

**Sessions:(14:30 - 17:00)**

**Environmental Geology & GIS  
Remote Sensing and Geospatial Sciences**

**Title: Evaluating Impacts of Nutrient Bypass through Riparian Buffers using Simulation Modeling, Lidar Imagery, and Topographic Metrics**

**Tamie L. Veith**, USDA Agricultural Research Service, USA

**Title: Provenance, and Age of the Niamey and Fingoun Sediments Presumed to be Neoproterozoic in Age (Eastern Border of West African Craton, West Niger)**

**Moussa Konaté**, Abdou Moumouni University of Niamey, Niger

**Title: Influences of agricultural practices on the slope stability of cultivated vineyards" and A novel method for landslides investigation through A-Din SAR time series**

**Massimiliano Bordoni**, University of Pavia, Italy

**Title: Conventional Characterization of Unconventional Resource Shales**

**Roger M. Slatt**, University of Oklahoma, USA

**Title: Distribution of Upper Messinian ostracods in Central Mediterranean Basin**

**Temani Rim**, National Office of Mines, Tunisia

**Title: High-Resolution Enhanced Product based on SMAP Active Passive Approach using Sentinel 1A and 1B SAR Data**

**Narendra N. Das**, California Institute of Technology, USA

**Title: Quantitative Topographic Approach for Morphotectonic Spatial Analysis (QTAMSA). Cases of Study in Tunisia**

**Noamen Rebai**, University of Tunis El Manar, Tunisia

**Title: Daily Variation Law of Solar Radiation Incident on the Horizontal Surface**

**Zhongsheng Guo**, Northwest A&F University, China

**Title: Landslide evolution in the heterogeneous rocks of Siwaliks zone, Nepal**

**Bharat Prasad Bhandari**, Tribhuvan University, Nepal

**Title: Foraminiferal Biostratigraphy and Palaeoecology during the Late Campanian-Early Maastrichtian in Northwestern Tunisia”**

**Ezzedine Saïdi**, Oil and Gas Public Company of Tunisia (ETAP), Tunisia

**3 Speaker Slots Available on July 11, 2019**

**Closing Remarks**

**Day-2 July 12, 2019**

**Keynote Forum (09:30-10:50)**

**Keynote Title: Engineering Failure Analysis and Design of Support System for Ancient Egyptian Monuments in Valley of the Kings, Luxor, Egypt**

**Sayed Hemeda**, Cairo University, Egypt

**Biography:** Dr. Sayed Hemeda is a Doctor of Civil Engineering Department (Geotechnical Division), Aristotle University of Thessaloniki, Greece. Currently he occupies the position of Professor of Geotechnical Engineering and Structural Restoration of monuments and Architectural Heritage, Conservation Department in Cairo University, Egypt

**Keynote Title: Tree atlas of the Californias**

**Richard A. Minnich**, University of California, USA

**Biography:** Richard Minnich is a fire scientist who studies how burning breaks down ecosystems from the standpoint of fire regime properties, vegetation structure and fire meteorology, as well as their biological recovery between fires.

**1 Keynote Slot is Available**

**10:50 - 11:00 Coffee & Refreshment Break @ Foyer**

**Sessions: (11:00 - 13:00)**

**Groundwater and Hydrology: Surface Hydrology/Surface Water  
Petroleum Geology and Geothermal Energy**

**Title: A Study on Assessment of Water Quality in Saroornagar Area of Hyderabad-City, Telangana-State, India**

**Durai Arulneyam**, TKR College of Engineering and Technology, India

**Title: The Study of the Natural and Anthropogenic Trends using Multivariate Classification G-Mode**

**Anatoly Gavrishin**, South-Russian State Polytechnic University, Russia

**Title: Assessment of Groundwater Vulnerability to Pollution using VLDA and COP Models in Halabja Saidi Basin, Iraq**

**Nadhir Al-Ansari**, Lulea University of Technology, Sweden

**Title: Geology is the key to a sustainable supply of minerals**

**Eamonn Grennan**, Institute of Technology, Ireland

**Title: Bioturbation Influence on Reservoir Rock Quality: A Case Study of Well Bian-5 from the Second Member Paleocene Funing Formation in the Jinhu Sag, Subei Basin, China**

**Jonathan Ataquaye Quaye**, China University of Geosciences, China

**Title: Alteration Processes of Magmatic Ores in the Beni Bousera Massif**

**Zaineb HAJJAR**, Universidad de Granada, Morocco

**Title: New Hydro-geophysic characterisation of deep water reservoirs in arid zones**

**Mourad Bédir**, University of Carthage, Tunisia

**Title: Influence of Urban Pollution on the Quality of the Water Table Water about Six Communes in Abidjan: Yopougon, Koumassi, Treichville, Attécoubé, Marcory and Port-Bouët Communes**

**Ossey Bernard YAPO**, University of Nangui Abrogoua, Ivory Coast

**Title: The Orthogonal Scanning GPR Method for Detection of Rectilinear Underground Objects**

**Motti Haridim**, Holon Institute of Technology, Israel

**One Speaker Slot Available in Morning Session**

**Closing Remarks**

**Lunch @ Restaruent (13:00 -13:50)**

**Sessions: (13:50 - 15:55)**

**Geological Hazard Assessment  
Engineering Geology and Geomechanics**

**Title: Influnces of Agricultural Practices on the Slope Stability of Cultivated Vineyards**

**Massimiliano Bordoni**, University of Pavia, Italy

**Title: Urban Underground Space Assessment based on Negative Lists Method in Xi'an, China**

**Wang Huaqi**, China Geology Survey, China

**Title: Climate change, Land cover/use and Vegetation Evolution in the Upper Huai River Basin**

**Abel Girma**, Donghua University, China

**Title: A Review of Earthquake Prediction in Nigeria: A case study of Abuja Tremor**

**Promise Ifeoma Ilo**, Covenant University, Nigeria

**Title: What Controls Local-Scale Aboveground Biomass Variation in Central Africa? Testing Structural, Composition and Architectural Attributes**

**Grace Jopaul Loubota Panzou**, Liege University, Belgium

**Title: Study on the Characteristics of the Heat Flow in Marginal Seas of the Northwest Pacific Ocean**

**Jiang Dexin**, China University of Geosciences, China

**Title: New Hydro-geophysic characterisation of deep water reservoirs in arid zones**

**Mourad Bédir**, University of Carthage, Tunisia

**Title: Petrophysical and Petrographical studies for behavior of carbonate Turonian, Egypt**

**El-Hussein Mohamed**, Ain Shams University, Egypt

**Title: Improving the Integrity of the use of Wireline Logs for Reservoir Evaluation (Without Core Data)**

**Richardson Abraham-Adejumo**, University of Sao Paulo, Brazil

**Title: High-Resolution Vs30 Database Impact on Earthquake Probabilistic Hazard and Risk**

**Elnaz Peyghaleh**, Clemson University, USA

**Title: Effect of solid waste on the sustainability of the water resource quality in the Gbarain watershed of the Niger Delta Region of Nigeria**

**Davidson Egirani**, Niger Delta University, Nigeria

**Four Speaker Slot Available in Afternoon Session**

**Closing Remarks**



**Day-3 July 13, 2019**

**Poster Presentations**

**Title: Permian Adakitic Magmatism in the Northern Mongolia- Late Paleozoic Slab-Melting of Subducted Oceanic Plate beneath the Siberian Continent**

**Kazuhiro Tsukada**, The Nagoya University Museum, Japan

**Title: Landslide Hazard Assessment along the Eastern Zone of Gulf of Aqaba-Dead Sea Transform Fault**

**Ali Kahal**, King Saud University, Saudi Arabia

**Title: Chronology, stratigraphy and geometry of an ice dammed paleolake depression in a complex tectonically context by using direct and no-direct methods: A case-study of the Navamuño peatbog (Sierra de Béjar, Iberian Central System)**

**Valenti Turu**, Castilla-La Mancha University

**Title: New Constraints on Active Faults and Related Structures in Northeastern Tunisia from Gravity Analyses: Geodynamic Implications**

**Fatma Rabii**, University Tunis El Manar, Tunisia

**Title: Auger Drilling Evaluation of Contamination of PB and CD in Rui Barbosa Avenue in Santo Amaro - Bahia, Brazil**

**Eduardo Paim Viglio**, Geological Survey of Brazil

**Title: Introduction of a Tsunami Source Estimation Database Based on Tsunami Deposits in the Pacific Coast of the Tohoku District in Japan**

**Tomoyuki Takahashi**, Kansai University, Japan

**Title: Seasonal Variation in Biomarker Responses of Donax Trunculus from the Gulf of Annaba (Algeria): Implication of Metal Accumulation in Sediments**

**Akila Amira**, Chadli Benjedid university, Algeria

**Title: Estimation of Peak Flood and Runoff Depth using a Semi-Distributed Hydrological Model for Ungauged Catchments in Northern Ethiopia**

**Demlie G. Zelelew**, Amhara Agricultural Research Institute, Ethiopia

**We are pleased to inform you that we have speaker slots left, if you are interested please contact Robert Martin at [geology@geology-earthscience.com](mailto:geology@geology-earthscience.com)**

**Note: This is the Tentative Program, Program Schedule is subject to change with final allotment of speaker slots**