

46th IAH Congress - Malaga, Spain 2019

Monday 23 September 2019

Parallel: Monday Morning 3: Topic 2 - Multiuse room 2 (11:15-12:45)

time	[id] title	presenter
11:15	[46] Impacts of Climate Change on Groundwater – results from the BINGO project	Dr NOVO, emilia
11:30	[58] Fresh Groundwater Resources for the Future Generations of Yemen	Dr AL-MOOJI, Yusuf
11:45	[260] Drivers of changes in Austrian groundwater levels – climate vs. water use	Prof. BIRK, Steffen
12:00	[189] Examination of the hydrologic cycle with long-term precipitation and groundwater level data	Mr ILYÉS, Csaba
12:15	[91] IMPACT OF CLIMATE CHANGE ON GROUNDWATER RECHARGE AND BASE FLOW IN THE MUDA RIVER BASIN, MALAYSIA	Dr SHAMSUDDIN, Mohd Khairul Nizar

Parallel: Monday Morning 2: Topic 1 - Conference room 2.2 (11:15-12:45)

time	[id] title	presenter
11:15	[53] Transboundary Aquifers: moving beyond boundaries to management alternatives	Dr SANCHEZ, Rosario
11:30	[284] Advances in Groundwater Monitoring	Dr KUKURIC, Neno
11:45	[224] Groundwater Management - A Perspective from Alberta, Canada	Mr CLISSOLD, Roger
12:00	[152] Squaring the cycle of groundwater processes in nutrient budgets: a socio-hydrogeological application in the Lombardy Plain (Italy)	Dr RE, Viviana
12:15	[245] Protecting a freshwater lens against sea level rise: a field experiment	Dr DE LOUW, Perry
12:30	[234] Stochastic knowledge integration for groundwater exploration in data scarce areas	Dr PEETERS, Luk

Parallel: Monday Morning 4: Topic 3 - Conference room 1.B (11:15-12:45)

time	[id] title	presenter
11:15	[264] Pumping response and sustainable well yield of some hard-rock aquifers	PISCOPO, Vincenzo
11:30	[614] THE ARTIFICIAL RECHARGE OF AN URBAN DRINKING WATER AQUIFER (Udine – Italy): A DIGITAL MODEL TO GROW THE WATER FLOW FROM WELLS, PROJECT THE POLLUTION PROTECTION WORKS, OPTIMIZE THE COST-BENEFITS	Dr DROLI, gian paolo
11:45	[475] How efficient energy production can be fostered in transboundary aquifers	Dr SZŐCS, Teodóra
12:00	[164] Management of groundwater-energy-food nexus for sustainability	TANIGUCHI, Makoto
12:15	[57] The “hydropuls®” Process for Regeneration and Intensification of Wells	FISCHER, Toralf
12:30	[448] Development of Integrated water resources management model in the transboundary Cijevna River Basin (Montenegro – Albania)	Mr BLAGOJEVIĆ, Momčilo

Parallel: Monday Morning 5: Topic 3.1 - Multiuse room 1 (11:15-12:45)

time	[id] title	presenter
11:15	[272] Developing a structured groundwater database for hydrogeological interpretation as a tool for sustainable groundwater management in Guinea-Bissau (W Africa)	MARCOLLA, Arianna
11:30	[632] Empowering Local Drillers and Training Communities To Ensure Groundwater Resource Sustainability by Adequate Self Flowing Well Design and Drilling	Mr FADILLAH, Arif
11:45	[146] Lessons learned from groundwater governance and management and capacity building programmes in the developing world	Dr BEEKMAN, Hans
12:00	[50] Water Scarcity in Pacific Island Countries; Experiences in National Water Policy Development.	Prof. WHITE, Ian
12:15	[265] Inferring groundwater recharge associations to climate, land use and geological structures using multi-decadal groundwater level observations from the semi-arid Limpopo basin of South Africa	LINDLE, John
12:30	[370] IMPACTS OF LAND-USE CHANGES AND URBANIZATION ON COASTAL GROUNDWATER RESOURCES OF LAGOS, SW-NIGERIA: Integrated Hydrogeochemical and GIS-based Assessments	Prof. TIJANI, Moshood

Parallel: Monday Morning 6: Topic 5 - Auditorium 2 (11:15-12:45)

time	[id] title	presenter
11:15	[169] Hydrogeological modeling of the Eastern Mountain Aquifer, Israel, suggesting substantial migration of discharging springs in time	Mr LEVY, Yehuda
11:30	[14] How ground gets wet: physical experiments of variably saturated flow	Dr DIPPENAAR, Matthys
11:45	[28] Monitoring technology of groundwater-air pressure (enclosed potentiometric) for karst collapse studies	Prof. JIANG, Xiaozhen
12:00	[17] Prediction of Groundwater Inflow Rates to Longwall Coal Panels in Central Turkey	YAZICIGIL, Hasan
12:15	[30] Optimization of pilot points distribution in inverse modelling- A case study from Qatar Aquifer	Prof. BAALOUSHA, Husam
12:30	[88] ISOTOPES AND NOBLE GASES INVESTIGATION OF SOUSS-MASSA AQUIFER, MOROCCO.	Prof. HSSAISOUNE, Mohammed

Parallel: Monday Morning 1: Topic 1 - Conference room 2.1 (11:15-12:45)

time	[id] title	presenter
11:15	[25] Assessing groundwater recharge and evapotranspiration in a Nordic humid region dominated by snowmelt	Mr BOUMAIZA, Lamine
11:30	[136] Groundwater Modeling in Integrated Water Resources Use in the Little Akaki Watershed, Ethiopia	Mr TOLERA, Mesfin Benti
11:45	[54] Exploration of deep groundwater systems in mega-fans - Example from Northern Namibia	Dr HOUBEN, Georg J
12:00	[261] Developing a hydrostratigraphic classification system for South Africa.	Dr DIAMOND, Roger
12:15	[336] Re-utilizing possibilities of abandoned hydrocarbon wells in Northern Hungary	Prof. SZÚCS, Péter

12:30	[61] Isotopic and geochemical evidence of groundwater origin and salinization in multi layered coastal aquifer of India	Mr VENGADESAN, Manivannan
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Parallel: Monday Morning 7: Topic 5 - Conference room 1.A (11:15-12:45)

time	[id] title	presenter
11:15	[295] Similarity based approaches in Hydrogeology: basic concepts, alternative approaches, first results, potential applications, pitfalls and problems	Prof. BARTHEL, Roland
11:30	[185] Identification and Quantification of Spatial and Temporal Hyporheic Fluxes Using High-resolution Distributed Temperature Sensing in the First-order Alpine Stream in Taiwan	Prof. CHIU, Yung-Chia
11:45	[139] Lysimeter experiment on municipal landfill waste	Dr DABROWSKA, Dominika
12:00	[31] Integrating Fiber-optics distributed temperature sensing and electromagnetic geophysics data for multiscale characterization of GW-SW interactions in heterogeneous streambeds.	Mr GAONA, Jaime
12:15	[344] Towards a holistic approach in characterising the water cycle in the Campine area (NE Belgium) at various temporal and spatial scales	Dr BEERTEN, Koen
12:30	[69] ASSESSING COASTAL AQUIFER VULNERABILITY TO SEAWATER INTRUSION USING GALDIT METHOD: APPLICATION TO THE OULJA COASTAL AQUIFER, SAHEL DOUKKALA, MOROCCO	Mr ECHELFI, Yassine

Parallel: Monday Afternoon 3: Topic 2 - Multiuse room 2 (15:00-16:00)

time	[id] title	presenter
15:00	[351] REGIONAL CLIMATIC FEATURES CONTROLLING GROUNDWATER RECHARGE IN SOUTHEASTERN BRAZIL REVEALED BY STABLE ISOTOPES	GASTMANS, Didier
15:15	[130] Groundwater runoff in small river basin: retrospective analysis and projections due to climate change	Dr FILIMONOVA, Elena
15:30	[405] GEOMORPHOLOGICAL CHARACTERICS OF THE FLASH FLOOD AFFATED AREA DURING CEMPAKA TROPICAL CYCLONE IN GUNUNGSEWU KARST AREA, INDONESIA	Dr HARYONO, Eko
15:45	[140] Teleconnections between NAO, EA, and SCAND and groundwater levels in Portugal	Dr NEVES, Maria da Conceição

Parallel: Monday Afternoon 2: Topic 1 - Conference room 2.2 (15:00-16:00)

time	[id] title	presenter
15:00	[626] Assessing recharge dynamics by the use of remote sensing and stable isotopes in the arid region of the Nubian Sandstone Aquifer System of Northern Chad	Dr VOGT, Marie-Louise
15:15	[659] COASTAL FLOODINGS AND ITS CONNECTION WITH MOTRIL-SALOBREÑA AQUIFER (SOUTHERN SPAIN)	Ms BLANCO-CORONAS, A.M.
15:30	[513] Some unsolved aspects on groundwater to be considered in the revision of the European Water Framework Directive	Dr SAHUQUILLO, Andrés
15:45	[412] Dealing with seawater intrusion in the Chtouka Aquifer, Morocco	Mrs ABOURRIG, Fatima

Parallel: Monday Afternoon 6: Topic 5 - Auditorium 2 (15:00-16:00)

time	[id] title	presenter
15:00	[869] A Versatile Multi-Port System for High Resolution Groundwater Monitoring in Rock and Overburden	Prof. CHERRY, John
15:15	[400] Combining unsaturated zone modelling with indirect and direct measurements to quantify solute transport during snowmelt	Prof. FRENCH, Helen Kristine
15:30	[153] Application of hydro-geophysical monitoring method to identify the flow path of CO ₂ and gas tracers injected in shallow aquifer system at K-COSEM site, Korea	Mr LEE, Seong-Sun
15:45	[63] Use of 16S rRNA Sequencing Analysis on Bacteria in Well-Water to Identify Groundwater Recharge Sources	Mr HIGGINS, Mark

Parallel: Monday Afternoon 7: Topic 5 - Conference room 1.A (15:00-16:00)

time	[id] title	presenter
15:00	[277] Monitored Vapor flux and groundwater recharge in 2 hydrological years by a precision meteo-lysimeter	Dr CLAUS, Kohfahl
15:15	[312] Deep Coastal Aquifers - Case Studies in Tanzania and Somalia	Ms MORRIS, Sunniva
15:30	[158] Remote Sensing for Monitoring and Mapping Karst Groundwater Flooding in the Republic of Ireland	Dr MCCORMACK, Ted
15:45	[408] Exploring the use of Fiber Optic Distributed Temperature Sensing for monitoring seawater intrusion	Mrs DEL VAL, Laura

Parallel: Monday Afternoon 1: Topic 1 - Conference room 2.1 (15:00-16:00)

time	[id] title	presenter
15:00	[501] Methods to evaluate aquifer recharge in Spain for water planning	Prof. CUSTODIO, Emilio
15:15	[322] Reassessing groundwater resources in the southern lullemeden Basin: Combining archival data and current monitoring.	Mr HECKMANN, Matthias
15:30	[368] ISOTOPIC EVIDENCE OF THE DEEP MAASTRICHTIEN AQUIFER IN THE SENEGAL	Prof. FAYE, SERIGNE
15:45	[341] Geometry and hydrogeological functioning of Ouled Bousbaa aquifer systems: Central Morocco	Ms TIJANI, Rim

Parallel: Monday Afternoon 5: Topic 3 - Multiuse room 1 (15:00-16:00)

time	[id] title	presenter
15:00	[29] Conflicts and resolutions of shared waters in the Americas	Dr RIVERA, Alfonso
15:15	[298] Assessment of Climate Change Impacts on Thonon-les-Bains Groundwater Resources: A Requirement for Water Resources Governance and Long-Term Investment Planning	Mr BOISSON, Marc
15:30	[442] Analysis of groundwater drought propagation in temperate climates using a water balance model and groundwater model	Mr WOSSENYELEH, Buruk Kitachew

15:45	[825] Groundwater Pollution in North China Plain and Division of the Pollution Prevention and Control in Typical Areas: A Brief Introduction	Dr QIAN, Yong
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Parallel: Monday Afternoon 4: Topic 3 - Conference room 1.B (15:00-16:00)

time	[id] title	presenter
15:00	[331] Group Water Schemes: Where society's needs and expectations meet	Dr O'CONNOR, Sophie
15:15	[82] Technical and economic feasibility of Managed Aquifer Recharge for irrigation development in Northern Australia.	Dr EVANS, Richard
15:30	[710] Outreach and public education strategies to achieve science based groundwater management policy	Mr STONE, Andrew
15:45	[15] Large-Scale Managed Aquifer Recharge in Support of California's Agriculture: The Salinas and Kings River	Mr DAUS, Anthony

Parallel: Monday Afternoon 11: Topic 3.1 - Multiuses room 1 (17:00-18:30)

time	[id] title	presenter
17:00	[168] Governance and Management of high arsenic Ground water based Drinking water supply in India	Dr SINHA RAY, Syamaprasad
17:15	[404] MAPPING OF SUITABLE ZONES FOR MANUAL DRILLING IN RDC AND SETTING UP A NATIONAL GROUNDWATER DATABASE	Dr FUSSI, Fabio
17:30	[128] Governance Status in Water Management Institutions in Barind Tract, Northwest Bangladesh - An Assessment based on Stakeholder's Perception	Dr JAHAN, Chowdhury Sarwar
17:45	[468] The use of mixing cell modelling to determine transboundary groundwater flow between Malawi and Mozambique:	Ms FRASER, Christina
18:00	[675] The upper aquifer in Lake Chad basin: a tremendous opportunity to supply good quality water to people and cattle in an extremely arid region	Mr MASSE, Clément
18:15	[290] Meeting the challenges of sustainable groundwater development and management in emergency response: a joint initiative by Groundwater Relief and Médecins Sans Frontières Holland (MSF-OCA) to build understanding about the Tipam Sandstone Aquifer whilst meeting immediate needs of refugees in the Mega camp of Cox's Bazaar, Bangladesh	Mr BURROWS, Geraint

Parallel: Monday Afternoon 8: Topic 1 - Conference room 2.1 (17:00-18:30)

time	[id] title	presenter
17:00	[333] The Groundwater Drought Initiative (GDI): Analysis of European groundwater drought	BRAUNS, Bentje
17:15	[443] Fusing geological information with hydraulic tomography: Lessons from unconsolidated deposits	Prof. ILLMAN, Walter
17:30	[611] Permeability of the crystalline basement in Uganda - evidence from approximately 600 pumping tests and implications for solar pumping	Dr OWOR, Michael
17:45	[504] An Intelligent Framework for Groundwater Overexploitation Management (based on hydrogeological modeling)	Ms MHAMMDI ALAOUI, Meriyam
18:00	[794] Evaluation of sustainable groundwater of the Mexico Basin aquifer after a century of intense pumping	PALMA NAVA, Adriana

18:15	[735] Combination of hydrogeological and geophysical techniques to characterize the origin of salinity in a porous multilayer aquifer (Estepona, southern Spain)	Dr SÁNCHEZ-GARCÍA, Damián
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Parallel: Monday Afternoon 10: Topic 2 - Multiuses room 2 (17:00-18:30)

time	[id] title	presenter
17:00	[52] Climate Change and Groundwater in Low Islands, a surprising resilience	WHITE, Ian
17:15	[249] Present and future potential groundwater recharge from precipitations over France	CABALLERO, Yvan
17:30	[275] DEEP AQUIFERS IN SPAIN: A NECESSARY RESEARCH TO ADAPT TO CLIMATE CHANGE	Mr DEL POZO, Jesús
17:45	[203] Climate change impact on groundwater recharge in Slovenia in the period 2011-2100	Dr FRANTAR, Peter
18:00	[170] Evidence for changes in groundwater drought in temperate environments associated with climate change	Dr BLOOMFIELD, John
18:15	[40] Impact of sea level rise and Sustainable groundwater management in in Kalpitiya Peninsula, Sri Lanka	Prof. RANJANA PIYADASA, Ranjana

Parallel: Monday Afternoon 13: Topic 5.3 - Multiuses room 3 (17:00-18:30)

time	[id] title	presenter
17:00	[348] A quantitative appraisal of groundwater head time-series measurement: How well are we doing?	Dr POST, Vincent
17:15	[542] Numerical Modelling of Groundwater Flow in Medipalli open cast mine area, Telangana, India.	Mr PARSA, Santhosh Madhav Chandra
17:30	[588] Quantifying the contributions of silicates weathering and calcite dissolution to hydrochemistry of groundwater in sandstone using Sr isotopes	Prof. JIANG, Xiao-Wei
17:45	[654] Are 253 samples better than 65 samples? Urban groundwater monitoring in developing countries – Lessons learnt in N'Djamena, Chad	Ms NDEDJE-ALLAH, Mélanie Ronelngar
18:00	[580] Quantity and Quality Variations of Dissolved Organic Matter (DOM) in Column Leaching Process from Agricultural Soil: Hydrochemical Effects and DOM Fractionation	Mr GU, Wenlong
18:15	[604] Assessing the feasibility of managed aquifer recharge through unsaturated zone modeling with VS2DTI in a multilayer system	Dr AGUILERA, Héctor

Parallel: Monday Afternoon 9: Topic 1 - Conference room 2.2 (17:00-18:30)

time	[id] title	presenter
17:00	[759] Hydrogeochemical and Environmental isotope characteristics of deep and shallow circulating groundwaters along a regional fault, Eastern Cape, South Africa	Prof. DEMLIE, Molla
17:15	[746] Toward a sustainable use of the coastal sedimentary aquifer supplying the main city of Benin (West Africa): a joint use of MRS and TEM methods to estimate groundwater storage and aquifer properties	Mr LAWSON, Fabrice Messan Amen
17:30	[716] Managing Groundwater Resources: Case Studies from British Columbia, Canada	Dr KALWIJ, Ineke

17:45	[358] Understanding the potential of Nature Based Solutions to recover the natural ecosystem services of the Medina del Campo Groundwater Body in the NAIAD EU project	MANZANO, Marisol
18:00	[593] GROUNDWATER MANAGEMENT: AN EXAMPLE OF A PROJECT RELATED TO REHABILITATION OF THE SOUTHERN COASTAL AQUIFER AS PART OF THE NATIONAL WATER SYSTEM IN ISRAEL	GEV, Israel
18:15	[41] BOREHOLE YIELD ESTIMATION FROM ELECTRICAL RESISTIVITY MEASUREMENTS – A CASE STUDY OF GARU TEMPANE AND BAWKU WEST DISTRICTS, UPPER EAST REGION, GHANA	Mr ACHEAMPONG, ALBERT

Parallel: Monday Afternoon 12: Topic 5 - Auditorium 2 (17:00-18:30)

time	[id] title	presenter
17:00	[276] Numerical modelling to assess head losses and flow characteristics through water well screens	BAYER-RAICH, Marti
17:15	[306] The mapping and characterisation of sand and gravel aquifers across Ireland; recently completed and proposed future work	DUNCAN, Natalie
17:30	[267] Groundwater flooding – assessment of different engineered flood relief schemes using semi-distributed modelling of karst system	Dr GILL, Laurence
17:45	[559] Depth-discrete groundwater flow quantification in poorly cemented sandstone using active distributed temperature sensing to optimize remediation strategy	Dr MALDANER, Carlos
18:00	[307] Hydrogeological conceptual model of andesitic stratovolcanoes. The Bromo-Tengger case-study (Indonesia)	LACHASSAGNE, Patrick
18:15	[247] The effect of multi-step adsorption isotherms on the solute transport in porous media	FEKETE, ZSOMBOR

Parallel: Monday Afternoon 14: Topic 8 - Conference room 1.A (17:00-18:30)

time	[id] title	presenter
17:00	[402] Flow path and velocity by 3-D groundwater flow simulation based on detailed facies analysis of Fukushima Daiichi Nuclear Power Station in Japan	Ms SATO, Hikaru
17:15	[34] Diffusion and weathering of oil spill in Daya Bay, the South China Sea	Dr ZHU, Zhen
17:30	[410] Effect of microbially mediated sulfate reduction on arsenic mobilization in the Pleistocene aquifers of the central Yangtze River Basin	Prof. DENG, Yamin
17:45	[379] Assessing emergent contaminants as anthropogenic markers and its fate in aquatic ecosystems at Yucatan Peninsula	Dr LEAL-BAUTISTA, Rosa
18:00	[362] Groundwater/surface-water interactions and their effect on nitrate pollution in the Oglio River basin (N Italy)	ROTIROTI, Marco
18:15	[138] Study on the groundwater quality management in unconfined aquifers of rural areas, South Korea	KIM, MoonSu

Parallel: Monday Afternoon 15: Topic 10 - Conference room 1.B (17:00-18:30)

time	[id] title	presenter
17:00	[477] Smart management of unconfined aquifers in urban areas	Dr PRYET, Alexandre

17:15	[540] Hidden figures: What the JMP data do not tell us about groundwater use in urban Sub-Saharan Africa	Mr CHAVEZ, Rafael
17:30	[541] Managing the Response to Clean Air and Carbon Reduction Targets from Open Loop Ground Source Heat Pump Systems on Urban Groundwater Resources; Two Case Studies	Mr WILLIAMS, Huw
17:45	[731] Informal and formal groundwater use in peri-urban areas of Jaipur, India, and implications for its management	FROMMEN, Theresa
18:00	[748] Thermal Impact and Performance of High-Temperature ATEs (HT-ATES) systems: a strong dependence on hydrogeological and storage conditions	Dr HARTOG, Niels

Tuesday 24 September 2019

Parallel: Tuesday Morning 5: Topic 3 - Conference room 1.B (11:15-12:45)

time	[id] title	presenter
11:15	[423] Estimation of Ecosystem Services improvement in the implementation of deep managed aquifer recharge in Llobregat delta (Spain)	Dr VILANOVA, Ester
11:30	[466] Sustainable water resources management: understanding human-water system	Mrs BRACIC ZELEZNIK, Branka
11:45	[309] Groundwater for water scarcity regions - how to delineate the most necessitous areas? Case study for Slovakia	Mr MALÍK, Peter
12:00	[628] The relationship between Groundwater Governance and Management at Local Municipal Level.	FOURIE, Fanus
12:15	[680] Challenges for the assessment and management of transboundary aquifers at the global scale	CANDELA, Lucila
12:30	[651] What can modern farms learn from older one? A lesson from ancient wise hydrogeologists	Dr BABAD, Avshalom

Parallel: Tuesday Morning 3: Topic 2 - Multiuse room 1 (11:15-12:45)

time	[id] title	presenter
11:15	[181] Climate change and Australian groundwater	Dr WALKER, Glen
11:30	[574] Estimating future stream connectivity using a water balance approach based on climate projections until 2100	Dr MAS-PLA, Josep
11:45	[729] Coupled climatological and hydrogeological models used for predictive managements in the Hungarian parts of the Pannonian basin, special focus on groundwater dependent ecosystems, and various developments of irrigation.	TOTH, Gyorgy
12:00	[262] Climate effects on intra-annual groundwater level fluctuations in Fennoscandia	NYGREN, Michelle
12:15	[449] : The resilience of the Alsatian aquifer, France to climate and anthropogenic change	Ms LABARCHÈDE, Agnès
12:30	[97] Potential effects of climate change and future abstraction rate in a groundwater system located in coastal Kenya	FERRER RAMOS, Núria

Parallel: Tuesday Morning 7: Topic 8 - Conference room 1.A (11:15-12:45)

time	[id] title	presenter
11:15	[263] Multidisciplinary approach to study the landfill leachate impact on groundwater hydrogeochemistry in aquitard and aquiclude	RUSI, Sergio
11:30	[236] Hydrogeochemistry of groundwater in the Namaqualhd region, South Africa: Implications for surficial uranium potential	Ms MAKUBALO, Sisanda
11:45	[173] Feature selection for mapping the probability of groundwater pollution using Random Forest	Dr MENDES, Maria Paula
12:00	[354] Regional Groundwater Contamination Related to Exploration & Production of Natural Gas – Pavillion Gas Field, Wind River Basin, Wyoming USA	Mr WIREMAN, Mickel

12:15	[241] An improved DRASTIC-based groundwater vulnerability assessment using particle swarm optimization (PSO) algorithm	TORKASHVAND, Maryam
12:30	[246] The occurrence and distribution of antibiotics in Hutuohe Valley, North China	Dr LIU, Dandan

Parallel: Tuesday Morning 6: Topic 5.3 - Multiuse room 2 (11:15-12:45)

time	[id] title	presenter
11:15	[299] Modeling the 3-D hydraulic conductivity distribution in the southern Po river plain by stationary and non-stationary geostatistics	DI CURZIO, Diego
11:30	[418] Biogeochemical precipitates at the terminal points of regional groundwater flow systems as analogs for geothermal plants and past processes	Mrs KOVÁCS-BODOR, Petra
11:45	[463] Characterization Deep and Shallow Aquifer using Stable Isotope 18O and D. Case Studies from Self Flowing Wells in Indonesia	Mr REZA, Teuku
12:00	[279] A multi-method characterization of river-aquifer interaction at the meter-scale: combining field measurements, heat transport modelling and groundwater modelling	Mr GHYSELS, Gert
12:15	[732] A New Method for Pore Water Content Measurement of Low-Permeability Rocks	Dr KAZAK, Ekaterina
12:30	[696] Groundwater in the upper part of the eastern desert of Egypt: isotopes, infiltration, flow conditions, and chemical indicators	Prof. TROEGER, Uwe

Parallel: Tuesday Morning 2: Topic 2 - Conference room 2.2 (11:15-12:45)

time	[id] title	presenter
11:15	[587] Response of spring discharge to climate changes in hard rock aquifers of different lithologies	Dr FILIPPINI, Maria
11:30	[197] A GIS-based water budget procedure used to evaluate groundwater resources under climate change scenarios	Prof. DUCCI, Daniela
11:45	[526] Numerical and analytical assessment of stormwater infiltration via wells and infiltration trenches	Mr HENAO CASAS, Jose David
12:00	[551] What does it take to get recharge in a semi-arid climate?	Prof. ACWORTH, Ian
12:15	[597] Groundwater storage in high Alpine catchments and sensitivity to climate change	Dr ARNOUX, Marie
12:30	[640] Impact of rainfall structure and climate change on soil and groundwater salinization	Dr GARGOURI ELLOUZE, Emna

Parallel: Tuesday Morning 1: Topic 1 - Conference room 2.1 (11:15-12:45)

time	[id] title	presenter
11:15	[652] Natural radioactivity of groundwater, the new challenge in drinking water quality: how can flow system approach help?	Ms BAJÁK, Petra
11:30	[741] New evidence of recent recharge of the Continental Intercalaire transboundary aquifer, north-west of Algerian Sahara, using hydrochemical and isotopic technics	Mr HAKIMI, YUCEF

11:45	[345] Groundwater assessment in sand rivers in adaptation to climate variability and water scarcity: opportunities and challenges in semi-arid Africa	Dr STIGTER, Tibor
12:00	[730] Delineation of wellhead protection zones for the control of point pollution sources in the Lusaka Aquifer System, Zambia	Dr BANDA, Kawawa
12:15	[364] Groundwater flow modelling: A decision-making tool for water resource management in coastal areas - Case study of the Oussouye plateau (South Senegal)	Prof. FAYE, SERIGNE
12:30	[240] DETERMINATION OF GROUNDWATER LEVEL INDICATORS AND THRESHOLDS LEVELS FOR GROUNDWATER DROUGHT MANAGEMENT	Mrs ALLIER, Delphine

Parallel: Tuesday Morning 8: Topic 10 - Multiuse room 3 (11:15-12:45)

time	[id] title	presenter
11:15	[427] Determination of the source of salt contamination using a combination of novel stable isotopic parameters (37Cl, 81Br, 18O and 2H) and tritium to assess the impact on regional groundwater supplies in southern Ontario, Canada	LABELLE, Lori
11:30	[244] The Urban Water Cycle - SuDS as a measure for preservation and prevention; example from Bergen, Norway	Ms VENVIK, Guri
11:45	[115] Evaluation of groundwater environment changes due to urbanization in the Tokyo metropolitan area, Japan: Application of subsurface temperature observation integrated of long-term monitoring and repeated measurement of temperature-depth profiles	Dr MIYAKOSHI, Akinobu
12:00	[85] Induced land subsidence due to groundwater withdrawal compared to rising sea-levels in sinking cities	Prof. DASSARGUES, Alain
12:15	[457] Detection and Assessment of Pharmaceutical Drug Residues in Drinking Water	Dr BRENCIC, Mihael
12:30	[84] Geothermal use of old flooded mines: from a risky trial-and-error approach towards challenging predictive simulations	Prof. DASSARGUES, Alain

Parallel: Tuesday Morning 4: Topic 3 - Auditorium 2 (11:15-12:45)

time	[id] title	presenter
11:15	[433] Evaluation of Water Information Systems Applied to Groundwater Governance	Mr BARREIRAS, Nuno
11:30	[478] Groundwater management with environmental flows : Hydro-economic models, methods and results	Dr PRYET, Alexandre
11:45	[406] Groundwater Management and Governance: Science is Necessary but Insufficient	SIMMONS, Craig T.
12:00	[636] Optimization of water resources in the rural environment: modelling tools for evaluating conjunctive use of ground- and surface-water and for crop yield estimate	DE FILIPPIS, Giovanna
12:15	[156] Hydrogeological modelling for the watershed management of the Mar Menor coastal lagoon (Spain)	Dr ALCOLEA, Andres
12:30	[216] What hydrogeology can learn from data science in terms of reproducible research	NÖLSCHER, Maximilian

Parallel: Tuesday Afternoon 7: Topic 8 - Conference room 1.A (15:00-16:00)

time	[id] title	presenter
15:00	[359] Major issues in groundwater and surface water quality in Cambodia and Myanmar	Dr LENCZEWSKI, Melissa
15:15	[269] Investigating the impact of a municipal solid waste facility on groundwater using environmental isotope and landfill gas analysis	PREZIOSI, Elisabetta
15:30	[301] Chemical (macro, trace - including rare earth elements) and isotopic record of deep brines leakage to shallow freshwater aquifers in northern and central Poland	Dr KACZOR-KURZAWA, Dorota
15:45	[310] Characterization of carbon in the shallow alluvial groundwater system	Dr MARKOVIĆ, Tamara

Parallel: Tuesday Afternoon 8: Topic 10 - Multiuse room 3 (15:00-16:00)

time	[id] title	presenter
15:00	[342] Groundwater impacts of underground infrastructure in London	Mrs DOTTRIDGE, Jane
15:15	[366] Atmospheric nitrogen originated in a highly human impacted area: from deposition to infiltration and drainage in the vadose zone	STEVENAZZI, Stefania
15:30	[325] Nullspace Monte Carlo particle tracking to identify source areas of groundwater pollution in the N-W Milano FUA (AMIIGA Project-CE No 32)	Prof. ALBERTI, Luca
15:45	[528] Knowledge exchange on Climate Adaptation with Nature-based solutions and Best Management Practices for Sustainable (ground)water management in Resilient Cities	Dr BOOGAARD, Floris

Parallel: Tuesday Afternoon 2: Topic 2 - Conference room 2.2 (15:00-16:00)

time	[id] title	presenter
15:00	[538] Impact of climate changes on groundwater resources: Study case of N'fis watershed in Marrakech Area, Morocco	Ms EL KHANTOURI, Fatima Azzahra
15:15	[472] Adapting to water scarcity and climate change in Mediterranean regions: Contribution of the 3D-FEFLOW salinity transport model in the island of Jerba, southeast Tunisia	Mr HEDOIN, Jérémie
15:30	[672] GROUNDWATER RECHARGE AS KEY PARAMETER TOWARDS SUSTAINABILITY OF WATER RESOURCES MANAGEMENT IN LIMPOPO NATIONAL PARK AND KRUGER PARK	SAPPA, Giuseppe

Parallel: Tuesday Afternoon 3: Topic 3 - Conference room 1.B (15:00-16:00)

time	[id] title	presenter
15:00	[630] A practical guide to conserving groundwater underground	LOURENS, Paul
15:15	[694] A method to drive performance in groundwater resources management and protection	LACHASSAGNE, Patrick
15:30	[763] Launch of the new Groundwater working group for implementation of the United Nations Framework Classification (UNFC)	Prof. PETITTA, Marco
15:45	[543] Strategies for Sustainable Groundwater Management Plan for Typical Granitic Watershed, Telangana state, India	Dr MADHNURE, Pandith

Parallel: Tuesday Afternoon 5: Topic 5.3 - Multiuse room 1 (15:00-16:00)

time	[id] title	presenter
15:00	[23] Advantages and challenges of using soil water isotopes for assessing groundwater recharge: Illustration with a field study located in Canada	CHESNAUX, Romain
15:15	[24] Effects of water table depth on the hydrological process in the unsaturated zone	Dr HUO, Siyuan
15:30	[227] Modelling water stable isotopes to trace the variability of groundwater recharge	Mrs MATTEI , Alexandra
15:45	[67] Analysis of exact groundwater model within a confined aquifer: New proposed model beyond the Theis equation.	Mr MATHOBO, Mashudu

Parallel: Tuesday Afternoon 6: Topic 5.3 - Multiuse room 2 (15:00-16:00)

time	[id] title	presenter
15:00	[166] Development of the method predicting suitable area for installation of ground-source heat pump system using response surface methodology	Dr KANEKO, Shohei
15:15	[205] A detrending method for hydrogeological series in complex systems	Mrs TRABUCCHI, Michela
15:30	[369] Assessment of groundwater arsenic contamination in the Red River Delta (Vietnam) by integrating satellite-based data	Dr POLLICINO, Licia
15:45	[335] Implication of geological heterogeneity on the distribution of dissolved arsenic in an alluvial aquifer in Italy evaluated using a 3D multicomponent reactive transport model	PEDRETTI, Daniele

Parallel: Tuesday Afternoon 4: Topic 5 - Auditorium 2 (15:00-16:00)

time	[id] title	presenter
15:00	[771] Improving Groundwater-Surface Water Modeling by Integration of Rain Gauge and NEXRAD Data	Dr MOK, Chin Man
15:15	[373] Evaluating sensitivity and uniqueness of underdamped slug test models for fractured rocks	DAUSSE, Amélie
15:30	[393] AN ANALYSIS OF RIVER MORPHOLOGY ON FRESHWATER LENS DYNAMICS IN ARID/SEMI-ARID REGIONS	ALAGHMAND, Sina
15:45	[376] Interpretation of a large scale pumping test conducted in faulted sedimentary rock from channel type flow structures	Mr GUIHÉNEUF, Nicolas

Parallel: Tuesday Afternoon 1: Topic 1 - Conference room 2.1 (15:00-16:00)

time	[id] title	presenter
15:00	[670] Groundwater connectivity of a sheared gneiss aquifer system in the Cauvery river basin (peninsular India): Implications for water resources	Ms COLLINS, Sarah
15:15	[681] Investigating the productivity of weathered basement aquifers with a synthetic dataset	Dr BIANCHI, Marco
15:30	[671] Dynamic integration of groundwater and surface water models in an innovative water resources simulator	Dr MCMILLAN, Lindsay

15:45	[776] THE PROBLEM OF NITRATES IN GROUNDWATER BODIES IN THE JUCAR RIVER BASIN DISTRICT	Mr ESTRELA MONREAL, Teodoro
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Thursday 26 September 2019

Parallel: Thursday Morning 4; Topic 7 - Conference room 2.1 (11:15-12:45)

time	[id] title	presenter
11:15	[43] Karst groundwater exploration and utilization in south China	Prof. PU, Junbing
11:30	[78] Unlocking the mysteries of the Diquini Tunnel, Haiti's largest supply of water	ADAMSON, James
11:45	[122] An Example of Inverse Delineation of Basin Boundaries Based on Water Budgeting in Highly Karstified Terrains	Mr PETROVIC, Branislav
12:00	[155] Contrasting the behaviour of karstic and non-karstic hydrologic processes at the catchment scale	Dr LIU, Yan
12:15	[120] Quantification of large-scale groundwater resources in karst aquifers within the Mediterranean region under the light of long-term shifts in climate	Mr CORCORAN, Flann
12:30	[450] A global dataset of simulated karstic groundwater recharge to support water management and speleothem analysis	Prof. HARTMANN, Andreas

Parallel: Thursday Morning 7: Topic 7 - Multiuse room 2 (11:15-12:45)

time	[id] title	presenter
11:15	[143] Influence of stress on incipient karst generation in natural fracture networks	Dr WANG, Xiaoguang
11:30	[583] Experimental study of solute transport in looping dual-conduit systems	Mr WANG, Chaoqi
11:45	[268] THE CASTLETON KARST HYDROGEOLOGICAL SYSTEM, DERBYSHIRE, UK: A CHALLENGE FOR MODELLERS	Prof. GUNN, JOHN
12:00	[398] QUANTITATIVE CLASSIFICATION OF CARBONATE AQUIFERS BASED ON HYDRAULIC BEHAVIOUR	Dr KOVACS, Attila
12:15	[499] Water balance as a tool for sustainable management of karst aquifers – example of the catchment of the Malenščica karst spring (Slovenia)	KOGOVSŠEK, Blaž
12:30	[187] Water isotope monitoring to study transpiration and trees drought responses on Mediterranean karst	CARRIÈRE, Simon

Parallel: Thursday Morning 8: Topic 6 - Conference room 1.B (11:15-12:45)

time	[id] title	presenter
11:15	[512] Use of stable isotopes to identify sources of nitrogen transformation processes in the aquifer of the Campo de Montiel (Central Spain)	Dr MONTERO-GONZÁLEZ, Esperanza
11:30	[403] Isotope studies and other hydrogeological techniques to estimate groundwater contributions to a swamp ecosystem	Dr DAVID, Katarina
11:45	[558] Isotope and geochemical tracers to quantify seasonal variations of the water balance components in a groundwater-dependent low altitude Mediterranean peat bog (Corsica Island, France)	Dr SANTONI, Sébastien
12:00	[586] Springs as elements of natural and cultural heritage. The example of Sant Hilari Sacalm (Les Guilleries, NE Spain).	MENCIÓ, Anna

12:15	[720] Hydrogeology of the Villafáfila lakes (Zamora, Spain) and their relationships with regional flow	Dr HUERTA, Pedro
12:30	[461] Using light-weighted geophysical techniques for the rapid ecohydrological characterization of different peatlands in the Alps	Prof. BECHTEL, Timothy D.

Parallel: Thursday Morning 5: Topic 7 - Conference room 2.2 (11:15-12:45)

time	[id] title	presenter
11:15	[239] Development of a protection concept for the Dong Van Karst area as basis for a sustainable drinking water supply, Northern Vietnam	Mr RICHTER, Dominik
11:30	[251] Typology of karst aquifers in Europe: a review – GeoERA RESOURCE project, CHAKA work package	PARDO-IGUZQUIZA, Eulogio
11:45	[256] Impact of historic and future climate on spring recharge and discharge based on an integrated numerical modelling approach: Application on a snow-governed semi-arid karst catchment area	DOUMMAR, Joanna
12:00	[749] Impact of low flow conditions on microbial signature and natural attenuation in a karst aquifer	SINREICH, Michael
12:15	[257] Calibration of a semi-distributed lumped model of a karst system using time series data analysis: the example of the Qachqouch karst spring (Lebanon)	DUBOIS, Emmanuel
12:30	[329] Predictive groundwater flood mapping in a lowland karst environment	Dr NAUGHTON, Owen

Parallel: Thursday Morning 3: Topic 5.1 - Multiuse room 3 (11:15-12:45)

time	[id] title	presenter
11:15	[126] Dynamic outcrop analogues in groundwater reservoirs. A disruptive approach for reservoir characterization and modelling.	Dr MASSONNAT, Gérard
11:30	[213] Passive seismic monitoring of the groundwater level in the Fontaine de Vaucluse aquifer	Ms DUMONT, Isabelle
11:45	[127] Sequence stratigraphy as an inter-disciplinary tool for karst network forecast. Multiphase and multiprocess karst genesis in the Urgonian Formation.	Dr MASSONNAT, Gérard
12:00	[178] Hydrogeological and hydrogeophysical insights into karst aquifer unsaturated zone. Challenges and limits.	Dr CHALIKAKIS, Konstantinos
12:15	[124] Inter-disciplinary characterisation of carbonate reservoirs. ALBION, a multi-scales dynamic analogue.	Dr DANQUIGNY, Charles
12:30	[141] Characterization of aquifer heterogeneities by integrating tomographic pumping tests and flowmeter data	ALIOUACHE, Mohammed

Parallel: Thursday Morning 6: Topic 7 - Multiuse room 1 (11:15-12:45)

time	[id] title	presenter
11:15	[357] Methodological approach for karst aquifers evaluation: case study of Učja Valley aquifer, NW Slovenia	ZVAB ROZIC, Petra
11:30	[422] Rapid karst development in salt layers during and following flash floods along the shores of the Dead Sea	Dr GAVRIELI, Ittai
11:45	[459] Statistical evaluation of the World Karst Aquifer Map: Global distribution of karst aquifers	Prof. GOLDSCHIEDER, Nico

12:00	[545] Underground Dam Construction Impact to the Groundwater Quantity and Quality of Ryukyu Limestone Aquifer in Southern Okinawa Island, Japan	Mr HERMAWAN, Oktanius Richard
12:15	[294] Hydraulic and geochemical impact of occasional saltwater intrusions through a submarine spring in a karstic and thermal aquifer (Thau lagoon area, Montpellier, France)	PETRE, Marie-Amelie
12:30	[518] Identification of flowpath and depict of flow system of deep buried karst system (Jinci karst catchment) in northern China	GAO, Xubo

Parallel: Thursday Morning 1: Topic 5 - Auditorium 2 (11:15-12:45)

time	[id] title	presenter
11:15	[497] Simulation of Borehole Heat Exchangers using MODFLOW-USG and USG-Transport	Dr PANDAY, Sorab
11:30	[396] Groundwater salinization mechanism in an arid inland basin: the Manas River Basin in the Northwest China	Prof. JIN, Menggui
11:45	[424] An iterative geophysical – geological – hydrogeological approach for high resolution interpretation of ERT profiles. The Sigüenza-Guadalajara limestone-marl-sand series case-study (Spain)	Ms HERNANDEZ GARCIA, Marta
12:00	[487] Conceptual and numerical groundwater flow models to evaluate construction, geotechnical and environments effects of the Brión railway tunnel for the Ferrol Outer harbor	Dr NAVES, ACACIA
12:15	[789] Hydrochemical and isotopic multi-tracer data to characterize subsurface upwelling of saline groundwater along conductive fault zones	ZECHNER, Eric
12:30	[456] A simple graphical method to visualize the end-member fractions in a three-component groundwater mixing: the example of Ferrarelle system (Riardo, southern Italy)	Dr CUOCO, Emilio

Parallel: Thursday Morning 2: Topic 5 - Conference room 1.A (11:15-12:45)

time	[id] title	presenter
11:15	[567] The piezometric tidal signal, a new tool for studying the properties of even the shallowest aquifers	Dr COLLIGNON, Bernard
11:30	[440] Comparative analysis of karst spring hydrographs using automatic recession methods	Mr OLARINOYE, Tunde
11:45	[762] Drainage galleries system to depressurize active landslide in unconfined aquifer located in the north of Bucaramanga, Colombia	Mr SUESCÚN, Luis
12:00	[660] Using natural tracers and high frequency physicochemical monitoring as complementary tools to a groundwater flow modelling	Mrs POULAIN, Angélique
12:15	[619] HYDROLOGIC AND STRATIGRAPHIC IMPACTS TO DENSITY-DRIVEN FLOW ALONG BRINE-TO-FRESHWATER INTERFACES IN ARID BASINS	MCKNIGHT, Sarah
12:30	[667] Dating groundwater with radio-krypton and radio-argon	Dr YANG, Guo-Min

Parallel: Thursday Afternoon 1: Topic 5 - Auditorium 2 (15:00-16:00)

time	[id] title	presenter
15:00	[658] Remote sensing and integrated hydrological models in hydrogeology	Dr LUBCZYNSKI, Maciej

15:15	[552] An absolute upper limit to specific storage has been determined using theoretical analysis and field measurements: What are the implications for groundwater modelling?	Prof. ACWORTH, Ian
15:30	[772] Scavenging Operational and Monitoring Data for High-Resolution Site Characterization	Dr MOK, Chin Man
15:45	[321] Data worth in models of groundwater contaminant fractionation	Dr HALLORAN, Landon J.S.

Parallel: Thursday Afternoon 8: Topic 8 - Conference room 1.B (15:00-16:00)

time	[id] title	presenter
15:00	[451] Saline groundwater generation from paleo-termite mounds in the Buffels River valley, South Africa	Mrs VAN GEND, Jani
15:15	[237] Evaluation of the in situ behavior of a non-electrolyte solution using fluorescent dye tracers	Ms KIYOTOMO, Haruka
15:30	[498] Groundwater flow and solute transport models to assess and mitigate the environmental effects of the Sardas site in Sabiñánigo (Huesca, Spain)	SAMPER, Javier
15:45	[638] Origin of Groundwater Salinity in the vicinity of Lake Fitri, Central Lake Chad Basin	Dr ISSEINI, Moussa

Parallel: Thursday Afternoon 7: Topic 7 - Multiuse room 2 (15:00-16:00)

time	[id] title	presenter
15:00	[235] Distribution Characteristics and Genesis of Carbonate Thermal Reservoirs in Xiongan New Area	ZHANG, Wei
15:15	[204] Tracing bacterial transport in epikarst and karst-conduit aquifers with injected E. coli	FRYAR, Alan
15:30	[338] DISTRIBUTARY FLOW IN KARST SYSTEMS: GEOLOGICAL AND CLIMATIC CONTROLS	Dr AULER, Augusto
15:45	[163] Nitrate fate and origin in epikarst springs in Jinpo Mountain area, Southwest China	Dr XIAO, Qiong

Parallel: Thursday Afternoon 6: Topic 7 - Multiuse room 1 (15:00-16:00)

time	[id] title	presenter
15:00	[411] Advances in understanding long-tailed breakthrough curves from tracer tests in karst aquifers	Dr GOEPPERT, Nadine
15:15	[292] Characterizing the linkage between soil moisture dynamics and discharge at a karst region in Southwest Germany	BERTHELIN, Romane
15:30	[297] Mechanism analysis of sinkhole formation at Hanpoao-Baishiling village, Xinhua County, Hunan Province□China	DAI, Jianling
15:45	[766] Visual KARSYS – a web service for modelling karst aquifers	Dr JEANNIN, Pierre-Yves

Parallel: Thursday Afternoon 3: Topic 5.1 - Multiuse room 3 (15:00-16:00)

time	[id] title	presenter
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15:00	[287] Aquifer Dynamic Characterization Tools System : the ADYCHATS industrial pilot site for better understanding of mass flux in groundwater	Dr DUCASTEL, Beatrice
15:15	[271] Numerical simulation of water flow through observation boreholes: Measurements with Colloidal Borescope (CB) and In-Well-Point-Velocity-Probe (IWPVP)	JORDANA, Salvador
15:30	[217] Fault zone in massive limestones : karstified or not karstified contexts ?	LEONARDI, Véronique

Parallel: Thursday Afternoon 2: Topic 5 - Conference room 1.A (15:00-16:00)

time	[id] title	presenter
15:00	[761] Numerical innovations in geological and groundwater modeling with unstructured meshes applied to underground works and complex geologies in Andean Mountains	SUESCÚN, Luis
15:15	[315] Combining long term monitoring of distributed temperature and cross-hole ERT with hydraulic tests to characterize the seawater intrusion and SGD dynamics in a coastal aquifers.	FOLCH, Albert
15:30	[347] Developing a process-based conceptual model for quantifying groundwater recharge in an upland sedimentary bedrock aquifer in a semi-arid region	MANNA, Ferdinando
15:45	[209] Real-time indication of faecally contaminated drinking water with fluorescence spectroscopy: towards understanding the causation	SORENSEN, James

Parallel: Thursday Afternoon 4: Topic 7 - Conference room 2.1 (15:00-16:00)

time	[id] title	presenter
15:00	[506] THE EPIPHREATIC FLOW IN MATURE KARST AQUIFERS: THEORY, MODELS AND OBSERVATIONS	Dr GABROVŠEK, Franci
15:15	[607] Hydrochemical and isotopic indicators for conceptual model of karst groundwater in Fanghsan, Beijing	Dr QIAO, Xiaojuan
15:30	[690] Investigation of the impact of changed precipitation patterns on groundwater recharge processes in a semi-arid carbonate aquifer by an integrated surface-subsurface, multi-continuum model	Mr BRESINSKY, Lysander
15:45	[715] Conceptual hydrogeological model of the Rio Grande watershed, Alajuela, Costa Rica using hydrogeochemical and isotopic tools	Ms VARGAS-AZOFEIFA, Ingrid

Parallel: Thursday Afternoon 5: Topic 7 - Conference room 2.2 (15:00-16:00)

time	[id] title	presenter
15:00	[172] New isotopic surveys on the Poiano karst system	Prof. RONCHETTI, Francesco
15:15	[198] Enhanced understanding of coastal karst aquifer system through monitoring of source-specific contamination occurrences at intertidal springs	Mr VUCINIC, Luka
15:30	[758] Organic matter quality impacts on carbonate dissolution in groundwater of a lacustrine aquifer of Central Jianhan Plain: hydrochemistry, ^{13}C DIC and fluorescence PARAFAC data	Dr HUANG, Shuangbing
15:45	[196] A historical conflict around karst resources: the case of Tridaine spring (Rochefort, Belgium)	Dr MEUS, Philippe

Parallel: Thursday Afternoon 13: Topic 7 - Conference room 2.1 (17:00-18:00)

time	[id] title	presenter
17:00	[592] 3D complex pollutant transfer in karstified chalk aquifer systems in Eastern Normandy, France.	Mr PENNEQUIN, Didier
17:15	[603] Impact of chalk karst on river flow in Normandy : comparison of the behavior of three rivers and quantification of karst flow	Mr DAVID, Pierre-Yann
17:30	[620] Characterization of the regional groundwater flow system and groundwater related phenomena in the Villány thermal karst area (Hungary)	Mrs ERŐSS, Anita
17:45	[663] Validation of vulnerability assessment by means of the Time Dependent Model: case study from the Slovenian karst catchment	Dr ŽIVANOVIĆ, Vladimir

Parallel: Thursday Afternoon 11: Topic 5.2 - Multiuse room 2 (17:00-18:00)

time	[id] title	presenter
17:00	[282] Groundwater management in the Azores archipelago (Portugal): state-of-art and identification of the major constrains	Prof. COUTINHO, Rui
17:15	[503] Hydrogeological functioning of an andesitic island revealed by helicopter-borne electromagnetic survey (Martinique – Caribbean island)	Mr VITTECOQ, Benoit
17:30	[514] CONCEPTUAL HYDROGEOLOGICAL MODELS OF OCEANIC INTRAPLATE VOLCANIC SMALL ISLANDS	CABRERA, María del Carmen
17:45	[530] Are they different volcanic island hydrogeological conceptual models?	Prof. CUSTODIO, Emilio

Parallel: Thursday Afternoon 16: Topic 8 - Multiuse room 1 (17:00-18:00)

time	[id] title	presenter
17:00	[32] Preliminary evaluation of nitrate groundwater pollution and remediation in Shimabara Peninsula, Nagasaki, Japan	Prof. NAKAGAWA, Kei
17:15	[683] Assessment of groundwater oil contamination and the development of measures for its localization and liquidation (on the case study of the residential area within St. Petersburg, Russia)	Mr TUDVACHEV, Aleksey
17:30	[215] RANDOM FOREST MODELLING OF GLOBAL GROUNDWATER ARSENIC	Dr PODGORSKI, Joel

Parallel: Thursday Afternoon 14: Topic 7 - Conference room 2.2 (17:00-18:00)

time	[id] title	presenter
17:00	[202] A multi-method approach to quantify and simulate groundwater flow components in karst aquifers using pipe-network models	Mr SCHULER, Philip
17:15	[219] How to model the impacts of land use changes in karstic environments: Model development, parameter dimension reduction and uncertainty quantification	Mr BITTNER, Daniel
17:30	[293] Characteristics of the epiphreatic flow in the karst aquifer north from Planinsko Polje, Slovenia	Dr BLATNIK, Matej
17:45	[367] Quantitative Analysis of Daily Discharge Records - Example of Big Spring, Missouri	Dr ACHOUR, Farid

Parallel: Thursday Afternoon 15: Topic 8 - Conference room 1.B (17:00-18:00)

time	[id] title	presenter
17:00	[645] Endocrine Disruptors in groundwater of a Mediterranean Natural Reserve and Important Bird and Biodiversity Area (IBA) in Southern Spain: Fuente de Piedra basin (Málaga, Spain)	Dr VADILLO-PÉREZ, Iñaki
17:15	[486] Contribution to solute transport properties determination of a karstic formation	Dr GONZALEZ-HERRERA, Roger
17:30	[165] The environmental geochemistry behavior mechanism of Fe-Mn nodule in a oil contaminated site	Dr ZHANG, Xueqing

Parallel: Thursday Afternoon 9: Topic 5 - Auditorium 2 (17:00-18:00)

time	[id] title	presenter
17:00	[537] Stochastic investigation of flow and transport parameters via assimilation of concentration and water table data	Dr A. GODOY, VANESSA
17:15	[581] Use of hydrogeological and hydraulic modelling for well and wellfield productivity forecast: case study of Jelgava Town, Latvia	Dr PROLS, Janis
17:30	[643] Theoretical analysis of well extraction and injection capacities under constraints on hydraulic head	Mr SHANDILYA, Raghwendra Narayan
17:45	[582] Infiltration and groundwater recharge dynamics in unsaturated fractured rocks: from pore-scale (multi-scale) smoothed particle hydrodynamics modeling to catchment response simulations	Dr KORDILLA, Jannes

Parallel: Thursday Afternoon 10: Topic 5 - Conference room 1.A (17:00-18:00)

time	[id] title	presenter
17:00	[669] Comparative analysis of geophysical techniques to characterize shallow groundwater conditions	BATELAAN, Okke
17:15	[332] Finding geothermal resources under an urban area (Barcelona)	CRIOLLO, ROTMAN
17:30	[717] Spatial and statistical analysis of factors influencing groundwater vulnerability on the study area of the Gömör-Torna Karst (Hungary and Slovakia)	IVÁN, Veronika
17:45	[725] Use of Geographical Information System and Water Quality Index to Assess Groundwater Quality in krimat Aquifer (Essaouira; Morocco)	Mr EL MOUNTASSIR, Otman

Parallel: Thursday Afternoon 12: Topic 5.4 - Multiuse room 3 (17:00-18:00)

time	[id] title	presenter
17:00	[266] Integrated approaches to characterize Cenozoic clay-rich layers and investigate their role in regional groundwater flow; Dutch case studies	Dr VERWEIJ, Hanneke
17:15	[160] Mapping groundwater dynamics in the Netherlands: three dimensional insight in groundwater systems based on the Dutch national database of subsurface information (DINOloket.nl)	Dr ZAADNOORDIJK, Willem
17:30	[190] Validating the conceptual model of a fault-controlled geothermal resource through numerical simulations for a renewable and sustainable utilization	Mr TORRESAN, Filippo

17:45 [780] A tool box for managing karst

Dr JEANNIN, Pierre-Yves

Friday 27 September 2019

Parallel: Friday Morning 1: Topic 5 - Auditorium 2 (09:40-10:40)

time	[id] title	presenter
09:40	[273] Geophysically based modeling of preferential flow	Mr KUKEMILKS, Karlis
09:55	[242] Prediction of Groundwater Inflow Rates to an open Pit Mine in Eastern Turkey	ARGUNHAN ATALAY, Cidem
10:10	[327] A definition of hydraulic connectivity in geological media	Mr MOORE, John Paul
10:25	[714] Innovative coupling between GEOMODELR, FEFLOW and MODFLOW to generate unstructured and prismatic meshes with complex geological models for groundwater	Mr SUESCÚN, Luis

Parallel: Friday Morning 3: Topic 5.4 - Multiuse room 1 (09:40-10:40)

time	[id] title	presenter
09:40	[649] Multiple salinization processes along groundwater flow paths in a coastal irrigated plain, Korba, Tunisia	Dr SLAMA, Fairouz
09:55	[212] COLD WATER INJECTIONS AS INNOVATIVE SMART TRACER TECHNIQUE IN HOT FRACTURED AQUIFERS	Mr HOFFMANN, Richard
10:10	[674] Decision support tool for the evaluation of potential mar sites: Aquastore	ARGAMASILLA RUIZ, Manuel
10:25	[747] Density dependent flow, multispecies transport and geochemical modeling and applications : The code GEODENS	BOUHLILA, Rachida

Parallel: Friday Morning 7: Topic 9 - Multiuse room 2 (09:40-10:40)

time	[id] title	presenter
09:40	[721] US Geological Survey Groundwater Studies in Latin America	Dr HEILWEIL, Victor
09:55	[417] Integral water management, a challenge in the Pacific Slope of Guatemala, C.A.	Mrs DAVID, Romy
10:10	[563] Integrated water resources management advances in Ica aquifer, Peru. Improvement actions based on Managed Aquifer Recharge technique	Dr FERNANDEZ, Enrique

Parallel: Friday Morning 2: Topic 5 - Conference room 1.A (09:40-10:40)

time	[id] title	presenter
09:40	[473] Complex three-dimensional saltwater intrusion patterns in heterogeneous coastal aquifers revealed by fully coupled hydrogeophysical modelling.	Dr GONZALEZ-QUIROS, Andres
09:55	[462] A hybrid hydrogeological-geostatistical approach to groundwater monitoring network design in shale gas environments	Mr GAFFOOR, Zaheed
10:10	[751] GIS-based groundwater potential mapping using Machine learning models: Case of Medjerda aquifer, North of Tunisia	Dr TRABELSI, FATMA
10:25	[711] Tritium (3H) to understand groundwater recharge processes and flow regime of intensively exploited aquifer of northwest India	Dr RAI, Shive Prakash

Parallel: Friday Morning 4: Topic 8 - Conference room 1.B (09:40-10:40)

time	[id] title	presenter
09:40	[77] Characterization of an acid spring with extreme conditions of a dump at the Tharsis sulfide mines (SW Spain).	Mr MORENO-GONZALEZ, Raul
09:55	[21] Progressive release of nitrate from agricultural vadose zone delays groundwater quality improvement response to remediation	Dr JIANG, Yefang
10:10	[80] CLUES-GW: A Simple Coupled Steady State Surface-Groundwater Model for Contaminant Transport	Dr RAJANAYAKA, Channa
10:25	[10] Contribution to the study of groundwater salinity of the Bou Areg and Gareb plains. Hydrogeological approach Geophysics and Hydrogeochemistry. Morocco, North Oriental.	Ms ELMEKNASSI, malak

Parallel: Friday Morning 5: Topic 8 - Conference room 2.1 (09:40-10:40)

time	[id] title	presenter
09:40	[591] Experimental investigations of enhanced solute dispersion in beach aquifers due to wave action	Dr ANDERSEN, Martin S
09:55	[48] Determining the Source of Deicing Salt Contamination to Bedrock Wells Using Downhole Logging Methods	Dr ROBBINS, Gary
10:10	[653] Application of water isotopes and hydrogeochemistry for the determination of water sources in the intensive agriculture area of Guadalhorce detrital aquifers (South of Spain)	Dr VADILLO-PÉREZ, Iñaki
10:25	[527] New 'full scale' monitoring method for (subsurface) stormwater infiltration to protect groundwater, long term (hydraulic) efficiency of SuDS in The Netherlands	Dr BOOGAARD, Floris

Parallel: Friday Morning 6: Topic 9 - Conference room 2.2 (09:40-10:40)

time	[id] title	presenter
09:40	[390] Informed tourism development in Haiti: understanding the Bwa Dom aquifer	Dr LAVANCHY, G. Thomas
09:55	[623] Drinking water resources investigation in Papaïchton Village (French Guiana)	Mr BRISSET, Nicolas
10:10	[790] The Transboundary Tikuna Aquifer – A subunit of the Amazonian Aquifer System	Prof. SILVA JR, Gerson
10:25	[220] Preliminary quantification of surface water inputs to the Ozama Wetlands National Park (Dominican Republic)	Mrs JOSE CLASES, Sandra

Parallel: Friday Morning 15: Topic 9 - Multiuse room 2 (11:15-12:45)

time	[id] title	presenter
11:15	[339] THE ORIGIN OF GROUNDWATER AND ITS CHEMICAL COMPOSITION IN THE AZUA PLAIN, DOMINICAN REPUBLIC	Mrs RAMIREZ GARCÍA, Australia
11:30	[438] Characterization and modelling of Portoviejo aquifer (Ecuador) in different climate change and socio-economic scenarios	Prof. RIBEIRO, Luis

11:45	[465] Adaptive Groundwater Governance Strategy for the Family Farming Sector in the high Andean plateau (Puna Region) of Jujuy province (Northwest of Argentina)	Mr ZAMORA GÓMEZ , Juan Pablo
12:00	[496] ORIGIN AND CHARACTERISTICS OF GROUNDWATER IN THE OZAMA WETLANDS NATIONAL PARK BASIN, DOMINICAN REPUBLIC	Mrs RODRÍGUEZ , Yenny
12:15	[744] REMOTE SENSING FOR SUBSIDENCE ANALYSIS DUE TO GROUNDWATER USE IN THE BOGOTA PLAIN, COLOMBIA	Prof. MOLANO, Carlos
12:30	[436] Huaura aquifer (Peru) response towards land use and climate change scenarios with special emphasis in Albufera de Medio Mundo	Mrs CID ESCOBAR, Daniela

Parallel: Friday Morning 11: Topic 6 - Conference room 1.A (11:15-12:45)

time	[id] title	presenter
11:15	[70] Numerical assessment on the impact of water table decline on phreatophytes in arid regions	Prof. YIN, Lihe
11:30	[281] Rainwater pipeline project between Paris Charles de Gaulle Airport and the river Marne: assessment and reduction of the impacts of groundwater drawdown operations on wetlands and rivers	Mr VIGOUROUX, Rémi
11:45	[723] The role of groundwater in supporting eco system and cultural services in North West England	Dr CLARKE, Derek
12:00	[469] Groundwater-Surface water interactions in natural wetlands: a multidisciplinary approach to unravel a neglected issue	Mr BURT, Nathan
12:15	[509] Aquifer recharge mechanism in the southeastern area of the Salar de Atacama, northern Chile, from the isotopic composition of water.	CUSTODIO, Emilio

Parallel: Friday Morning 12: Topic 8 - Conference room 1.B (11:15-12:45)

time	[id] title	presenter
11:15	[413] Limitations of current protocols to predict groundwater contamination from alkaline mine waste	Mrs GOMEZ-ARIAS, Alba
11:30	[425] Evaluation Of Chemical Analysis Of A 'Hidden Spring'	Dr YAVUZ, Veysel Süleyman
11:45	[480] A multi-method approach to assess the temporal variability of drinking water quality in Sub-Saharan Africa	WARD, Jade
12:00	[452] Degradation of chloroethene plumes of aged sources located in the hyporheic zone in the presence of co-contaminants with the combination of In-Situ Chemical Reduction methods with biostimulation of the dechlorinating microorganisms	Dr PUIGSERVER, Diana
12:15	[374] Traces of World War I in groundwater: perchlorate contamination of the chalk aquifer in NE France	Ms CAO, Feifei

Parallel: Friday Morning 8: Topic 5 - Auditorium 2 (11:15-12:45)

time	[id] title	presenter
11:15	[621] Investigation of groundwater recharge under a semiarid irrigated mountain-front area (Haouz-Tensift basin, Morocco).	Mr BOUIMOUASS, Houssne

11:30	[822] Application of a flow-through cell to monitor groundwater source heat pump systems in Melhus, Norway	Mr STENVIK, Lars Aaberg
11:45	[665] Changes of the isotopic signatures and hydrochemistry in the unsaturated zone detected by a precision lysimeter installed in a dune belt (Doñana National Park, southwest Spain)	Mr RUÍZ, Fernando
12:00	[706] Equalising flow in water wells: from theory to practical results	Mr PUJADAS-FERRER, jordi
12:15	[409] INCORPORATING THE SPATIAL VARIABILITY OF TRITIUM IN PRECIPITATION TO CONSTRAIN THE DISTRIBUTION OF GROUNDWATER TRITIUM AND MODERN RECHARGE IN SOUTH AFRICA	VAN ROOYEN, Jared

Parallel: Friday Morning 13: Topic 8 - Conference room 2.1 (11:15-12:45)

time	[id] title	presenter
11:15	[483] Groundwater quality constraints in the Vieira de Leiria - Marinha Grande aquifer and its implications for water supply (Portugal)	WALLSTRÖM, Johanna
11:30	[525] New Quickscan method for prevention of groundwater pollution through stormwater infiltration, XRF as new quick scan method to map heavy metals in Dutch Sustainable urban Drainage Systems	Dr VENVIK, Guri
11:45	[323] Assessing the potential impacts of shale gas development on shallow aquifers through upward fluid migration: A multi-disciplinary approach applied to two areas in eastern Canada	MICHAUD, Yves
12:00	[519] A practical approach used to plan and execute, quantify and qualify an effective well clean-up strategy	Mr BOTHWELL, Thomas
12:15	[394] A baseline assessment of emerging organic contaminants in New Zealand groundwater	MOREAU, Magali
12:30	[539] Geomorphic controls of arsenic pollution in groundwater of Ganga delta of West Bengal, India: an appraisal on medical geology	Dr ACHARYA, Tapas

Parallel: Friday Morning 14: Topic 9 - Conference room 2.2 (11:15-12:45)

time	[id] title	presenter
11:15	[349] Insight the Western Andean Front Hydrogeology using springs geochemistry: the case of Aconcagua Basin (Central Chile)	Mr TAUCARE, Matías
11:30	[113] Hyperthermalism in the Ollachea Tunnel (Puno, Peru)	Prof. FERNÁNDEZ RUBIO, Rafael
11:45	[226] HYDROGEOLOGICAL METHODOLOGY FOR THE ASSESSMENT OF NATURAL MINERAL WATER PROJECTS FEASIBILITY INTO PARANÁ SEDIMENTARY BASIN	Mr PINTO SARAIVA, Giancarlo
12:00	[22] INTEGRATED WATER RESOURCES ASSESSMENT IN THE DRY CORRIDOR OF EL PROGRESO, GUATEMALA	Dr MACHORRO SAGASTUME, Rudy
12:15	[689] Hydraulic fracturing and Aquifer Management. A dialectical association in potential areas of exploitation of unconventional reservoirs in Colombia	Dr ESCOBAR, John
12:30	[118] Hydrogeological database focused for sustainable management of groundwater in San José de Chiquitos. Santa Cruz, Bolivia	Ms GUZMÁN ROJO, Mónica Ximena

Parallel: Friday Morning 9: Topic 5.4 - Multiuse room 3 (11:15-12:45)

time	[id] title	presenter
11:15	[684] Groundwater flow system of the North China Basin: Groundwater age, heat and flow simulations	Dr HAN, Dongmei
11:30	[494] The importance of fluid flow system evaluation in the understanding of hydraulic trapping of hydrocarbons – Case study of Hajdúszoboszló and Ebes gas fields, Hungary	Ms SZABÓ, Zsóka
11:45	[430] Investigation of hydrochemical and isotopic tools for identifying recharge areas and groundwater evolution in carbonate aquifers overlain by complex glacial sediments.	PRIEBE, Elizabeth
12:00	[223] Physiographic and climatic controls on groundwater dynamics in Southern Germany	HAAF, Ezra
12:15	[707] Estimating natural gradient groundwater flow direction at multiple depths simultaneously in a bedrock aquifer using fibre optic Active Distributed Temperature Sensing (A-DTS)	Dr MUNN, Jonathan

Parallel: Friday Morning 10: Topic 5.4 - Multiuse room 1 (11:15-12:45)

time	[id] title	presenter
11:15	[18] When not finding enough water is both good and bad – Methods to assess a crystalline rock, potential site for Canada's used nuclear fuel.	Dr BLYTH, Alexander
11:30	[64] Earth and atmospheric subsurface tidal analysis - A passive approach to quantify groundwater system properties	MCMILLAN, Timothy C
11:45	[121] Numerical investigation of the combined effect of different driving forces in the Buda Thermal Karst, Hungary	Mr SZIJÁRTÓ, Márk
12:00	[291] Hydrodynamic and heat transport 3D modelling of the Pannonian Basin, HU-SRB-RO - pilot area of the DARLINGe project	KUN, Éva
12:15	[123] Revealing groundwater flow systems on the basis of statistical spring data analysis	Dr TÓTH, Ádám
12:30	[612] A MULTI-SCALE GROUNDWATER MODELLING TO UNDERSTAND REGIONAL AND LOCAL GROUNDWATER PROCESSES IN THE VALLE DEL CAUCA AQUIFER, COLOMBIA	Mrs GALVIS RODRIGUEZ, Sandra