

Poster Program

Posters

Poster Session 1 – Tuesday & Wednesday

Poster No.	Session	LID	Presenting author	Presentation title
P-001	Session 1.2	52	Arnauld Malard	FracSYS: a pragmatic approach for the explicit conceptualisation of fractured aquifers
P-002	Session 1.2	109	Di Giovanni, Alessia	Integrating hydrogeological models and water balance into an interactive GIS for central Apennines aquifers
P-003	Session 1.2	544	Simon Madileng	Integrated hydrogeological characterization of karst aquifer system in Lenasia South Informal Settlement, City of Johannesburg, South Africa
P-004	Session 1.2	1019	Mostafa, Mostafa F.	High-resolution conceptual modeling for improved numerical simulation of seawater intrusion in karst coastal aquifers
P-005	Session 1.3	18	Sola, Fernando	The effect of saltwater pumping on the natural dynamics of a coastal aquifer
P-006	Session 1.3	19	Vallejos, Angela	The effect of desalinated seawater infiltration on the isotopic signal of an aquifer
P-007	Session 1.3	90	Lorenzo Lipparini	Emplacement and preservation mechanisms of deep freshened groundwater in the Gela Aquifer (Sicily, Italy)
P-008	Session 1.3	116	Li, Jiawei	Monitoring fresh–salt groundwater interface in a land-subsided coastal aquifer using vertical ERT approach
P-009	Session 1.3	173	Levy, Yehuda	Alluvial fans as hydraulic connectors between coastal aquifer and a declining base level: insights from long-term monitoring along the Dead Sea shore
P-010	Session 1.3	189	Asante, Owusu-Korkor	From abstraction to subsidence: Sentinel-1 InSAR and 3-D groundwater modelling for infrastructure risk screening in Tema, Ghana
P-011	Session 1.3	199	Margarida Antunes	Seawater intrusion in a Mediterranean coastal aquifer under climatic and drought stress conditions
P-012	Session 1.3	317	Sisay, Belay Molla	Hydrogeology of Kilwa Kisiwani: an island world heritage site in coastal East Africa
P-013	Session 1.3	319	Caputo, Maria Clementina	Effect of salt concentration on osmotic potential in the dry range of the water retention curve of porous rock
P-014	Session 1.3	328	Daniele, Linda	Island aquifers challenges: insights from Rapa Nui (Easter Island, Chile)
P-015	Session 1.3	334	Nicole LeRoux	Salinization, redox shifts, and metal release in coastal groundwater systems
P-016	Session 1.3	357	Riakhi, Fatima-Ezzahra	Modelling of combined variably saturated and density-dependent flow and salinity dynamics in coastal agricultural systems under controlled drainage
P-017	Session 1.3	432	Tsai, ChiSan	The mitigating effect of irrigation activities on near-surface groundwater salinization in the subsiding coastal estuary
P-018	Session 1.3	698	Seibert, Stephan	Development of a novel modelling framework to simulate global element fluxes at land-ocean interfaces
P-019	Session 1.3	711	Leydier, Thomas	Water mixing processes and eco-hydrogeological dynamics in Mediterranean temporary lagoons
P-020	Session 1.3	783	Borgonia, Kathrina Marie	Seawater intrusion and groundwater quality in an intensively exploited coastal limestone aquifer in the island of Cebu, Philippines
P-021	Session 1.3	843	José Guilherme Filgueira	Groundwater monitoring, seasonal dynamics and sustainable operation of the Dunas Aquifer System on the Western Coast of Ceará, Brazil
P-022	Session 1.3	925	Palak Singh	Coastal aquifers at the crossroads: groundwater dynamics, human dependence, and lessons from India for global coastal sustainability
P-023	Session 1.3	980	Folch, Albert	Coupled ocean–groundwater numerical modeling for understanding coastal aquifer dynamics under variable marine forcing
P-024	Session 1.3	1001	Nayak, Soumya Kanta	Influence of submarine groundwater discharge on porewater chemistry and its relevance to coastal enhanced weathering
P-025	Session 1.3	1007	Murugan, Ramasamy	Hydrodynamic controls on nearshore groundwater discharge: implications for hydrogeochemical fluxes
P-026	Session 1.4	592	Romario Albert Adonya1	Groundwater flow systems and their influence on microbial methane migration, and accumulation in the Pannonian Basin
P-027	Session 1.8	72	Balacco, Gabriella	Influence of lithostructural features on nitrate transport dynamics in the vadose zone of Malta
P-028	Session 1.8	82	Perović, Ivana	Occurrence and seasonal dynamics of per- and polyfluoroalkyl substances (PFAS) contamination in the Krško aquifer (Slovenia)
P-029	Session 1.8	117	Jeong, Eunju	Spatial distributions of microplastics and PFAS at the streambed interface near a wastewater effluent outfall in Korea
P-030	Session 1.8	134	Blom, Gert-Jan	Groundwater as a hidden driver of persistent aquatic pesticide pollution in the Western Cape, South Africa
P-031	Session 1.8	197	Moses Souta	Conceptualisation of contaminant pathways in the Lomagundi dolomite aquifer, Zimbabwe
P-032	Session 1.8	377	Bense, Víctor	Subsurface heat island anomalies beneath a small city as tracers of heterogeneous lateral groundwater flow toward a near urban groundwater abstraction
P-033	Session 1.8	537	Vadillo, Iñaki	Presence and distribution of contaminants of emerging concern in volcanic aquifers of Valle Central (Costa Rica)
P-034	Session 1.8	563	Iñaki Vadillo Pérez	Bayesian priors improve nitrate source attribution in the Barva-Colima volcanic multilayer aquifer system (Costa Rica)

Poster No.	Session	LID	Presenting author	Presentation title
P-035	Session 1.8	579	Szűcs, Andrea	Groundwater quality patterns in a major porous aquifer affected by multiple anthropogenic and climatic pressures in the northern part of the Great Hungarian Plain
P-036	Session 1.8	595	Peter Malik	Radon and tritium in groundwater of the less permeable sedimentary rocks in northern part of the Pannonian Basin
P-037	Session 1.8	662	Kuo, Chih-Ching	Hydrochemical signatures of groundwater salinization in the coastal Jhuoshuei River Alluvial Fan, Taiwan
P-038	Session 1.8	700	Huneau, Frederic	Crossing nitrate isotopes and contaminants of emerging concerns to investigate pollution processes to N'Djamena urban groundwater resources
P-039	Session 1.8	835	Garel, Emilie	Tracing anthropogenic contamination in a shallow coastal aquifer using an integrated multi-tracer approach (Lomé, Togo)
P-040	Session 1.8	989	Ligavha-Mbelengwa, Lufuno	Seasonal patterns of emerging organic contaminants in groundwater: tracing anthropogenic impacts
P-041	Session 2.1	85	de Volder, Sofie	Enhancing geothermal efficiency: fluorescent tracer testing for aquifer thermal energy storage (ATES) in fractured aquifers.
P-042	Session 2.1	168	Abdulhaq, Hawkar	A decision-support chain for underground thermal energy storage in depleted clastic reservoirs: from suitability screening to breakthrough risk reduction
P-043	Session 2.1	171	Bence Molnár	Analysis of aquifer heterogeneity as a risk factor for geothermal wells based on theoretical and field-based numerical simulations
P-044	Session 2.1	185	Tóthi, Tamara	Modelling groundwater flow and temperature using forward and multi-parameter inverse numerical methods for improving geothermal potential exploration
P-045	Session 2.1	200	Margarida Antunes	Data-driven geothermal groundwater potential using integrated GIS–machine learning approaches
P-046	Session 2.1	220	Janža, Mitja	Modelling groundwater flow and thermal regimes in the Ljubljana urban aquifer
P-047	Session 2.1	276	Hegels, Marlis	Dissolution effects of increased thermal spread in geothermal operations in the North Alpine Foreland Basin
P-048	Session 2.1	289	Kun, Éva	Multi-scale modelling of geothermal heat transport in the Budapest Thermal Karst and the Pannonian Basin
P-049	Session 2.1	368	Casati, Tommaso	A new multidisciplinary approach to assess well clogging issues in an open-loop groundwater heat pumps system integrated with metagenomic analysis
P-050	Session 2.1	425	Matías Taucare	Integrating thermal and hydrogeological properties in an alluvial aquifer: a comparative approach to TRT using analytical and numerical modelling in the Aconcagua Basin, central Chile
P-051	Session 2.1	522	Glenda Taddia	Hydrogeological modeling for the optimization of an open-loop geothermal system at Politecnico di Torino: the "Spina della Didattica" case study (Turin, Italy)
P-052	Session 2.1	530	Wachowicz-Pyzik, Anna	Conventional and unconventional geothermal systems in further development of the geothermal energy sector
P-053	Session 2.1	569	Ruiz-Aguilar, Diego	Hydrogeophysical characterization of an area close to Cerro Prieto Geothermal Field (Mexico)
P-054	Session 2.1	865	Mucsi, Endre Dömötör	Lithostratigraphy as an important factor in the characteristics of geothermal reservoirs of the Great Hungarian Plain
P-055	Session 2.1	873	Sakata, Yoshitaka	Evaluation of thermal energy potential from snow-melting wells in Japan
P-056	Session 2.1	964	Rivera Villarreyes, Carlos	Understanding the feasibility of aquifer thermal energy storage using numerical simulations
P-057	Session 2.1	1024	Forberger, Árpád	The hot side of geothermal applications
P-058	Session 2.2	13	Abdelrahman Ahmed Ali Abdelrahman	BioFLOWLAND from mining to living landscapes: biodiversity and water resilience across borders
P-059	Session 2.2	208	Park, Kyuyoung	Integrated approach to simulating radionuclide migration: coupling infiltration tests in unsaturated–saturated zones
P-060	Session 2.2	339	Hu, Litang	Numerical assessment of long-term contaminant migration risk and management strategies at a redeveloped heavy-metal smelting site
P-061	Session 2.2	359	Zhou, Aiguo	Isotopic fingerprints of stibnite oxidation: unraveling water-rock interactions in mine groundwater systems
P-062	Session 2.2	374	Zaniboni, Linda	Comparative analysis of the impacts of gold mining on surface and groundwater at a global scale
P-063	Session 2.2	502	Philipp Marx	Application of radon measurements to determine groundwater inflows into watercourses in the Lusatian post-mining landscape
P-064	Session 2.2	575	Samara Triantafyllia	Evaluation of hydrogeochemical processes in former mining areas: the case of the Kirki Mine, Evros, NE Greece
P-065	Session 2.2	628	Paul Joël Havemann Lourens	Assessing the influence of a graben structure on the migration of pollutants from mining and industrial waste facilities
P-066	Session 2.2	640	Gladness Mohale	Hydrogeological characterisation and conceptualisation of groundwater flow in the Quaternary catchment X11B, Carolina area, Mpumalanga Province of South Africa.
P-067	Session 2.2	689	Bartosz Kaczynski	Hydraulic testing and instrumentation strategies under extreme deep underground conditions
P-068	Session 2.2	751	Palak-Mazur, Dorota	Contribution of research groundwater monitoring in solving transboundary problems – experiences from Poland
P-069	Session 2.2	777	Lei Lyu	Numerical characterization of fracture permeability for groundwater flow modeling in a tin mine using GEOFRAC
P-070	Session 2.2	844	José Guilherme Filgueira	Hydrochemical assessment of a natural uranium anomaly in a fractured crystalline aquifer, Santa Quitéria, northeastern Brazil
P-071	Session 2.2	930	Živanović, Vladimir	The role of hydrogeologists in the development of critical mineral deposits: the Jadar project in Serbia case study
P-072	Session 2.2	979	Raza, Yasmin	Understanding the impact of groundwater abstraction in urban city Karachi Pakistan
P-073	Session 2.2	1032	Gaël Kobessen	The potential impact of sand mining on water resources: a case study in the Mahalapye River sub-catchment as a conceptual foundation for numerical modelling of the Limpopo River Basin.
P-074	Session 2.2	1042	Vera Nyabuto	Mining impacts on underground water systems

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P-076	Session 3.6	269	Moghimi Benhangi, Saman	Toward a transboundary groundwater flow model for the Görlitz–Zgorzelec aquifer: integrating 3D stochastic geological modeling and transient groundwater simulation
P-077	Session 3.6	356	Bruno, Simone	Reconstruction of the hydrogeological structure of the Po River Basin (northern Italy) for modeling purposes to support sustainable groundwater management
P-078	Session 3.6	371	Zaadnoordijk, Willem	Evaluation of the temporal evolution of groundwater levels from repeated spatial interpolation for prediction of land subsidence
P-079	Session 3.6	480	Syed Mustafa	Hydrological connectivity during droughts and floods in data-scarce arid transboundary river basins
P-080	Session 3.6	505	Tschumper, Rolf	Innovative study to determine remaining drinking water resources using the example of an unconsolidated rock aquifer in the Emmental Valley, Switzerland
P-081	Session 3.6	554	Timothy K Parker	Ten years of California's Sustainable Groundwater Management Act: enhanced state and local data collection and integration for climate adaptation
P-082	Session 3.6	573	Chin Man Mok	Managing integrated water resources under rainfall and demand uncertainty
P-083	Session 3.6	613	Kim, Yongje	Assessment of water deficient areas considering natural and anthropogenic factors in the Geungang River Basin, South Korea
P-084	Session 3.6	647	Buera Cuerva, Javier	Ancient water practices in the arid environment of Cabo de Gata-Níjar Natural Park (SE Spain). An example of resilience in the context of global change
P-085	Session 3.6	954	Huttner, Philipp	High resolution modelling of groundwater recharge with MIKE SHE
P-086	Session 3.6	988	Carolina Fernanda dos Santos	Hydrological memory and baseflow dynamics in a tropical catchment from long-term hydrological modeling
P-087	Session 3.6	992	Hutzemakers, Julien	Evolution of groundwater resources of Wallonia in a changing climate
P-088	Session 3.6	996	Lucia Ortega	Tracing hidden hydrological reorganization in glacier-related hazard systems: an isotope-hydrology framework
P-089	Session 3.8	54	Igbinedion, Joseph	Analysis, comparison and review of water policies for governance and management in Sub-Saharan Africa
P-090	Session 3.8	175	Ricardo Hirata	Why are there so many irregular wells in Brazil?
P-091	Session 3.8	410	Shammy Puri	Transforming spontaneous to ordered conjunctive management: a pilot case, West Fergana Valley
P-092	Session 3.8	956	Dale L Barrow	Toward transboundary groundwater cooperation: developing a groundwater strategy for the Cubango-Okavango River Basin (CORB)
P-093	Session 3.8	994	Peng Dou	Impact of different replenishment and exploitation schemes on groundwater environment in typical water conservation areas
P-094	Session 4.1	157	Bäthge, Annemarie	Quantifying the impact of climate drivers on groundwater dynamics in diverse environmental settings and heterogeneous time series data – a method comparison
P-095	Session 4.1	160	Sebastian Walczak	Downscaling GRACE data for physically consistent monitoring of groundwater storage changes and associated land subsidence
P-096	Session 4.1	169	Abdulhaq, Hawkar	Building a groundwater data factory for faster decisions, lower risk, and compliance by design
P-097	Session 4.1	237	Jude King	Combining AI-based data mining and 3D interpolation for groundwater salinity models
P-098	Session 4.1	423	Pugliese, Ernesto	Machine learning approaches for spring detection in the Northern Apennines (Italy)
P-099	Session 4.1	481	Giaccio, Federica (Sapienza University Of Rome)	The resilience of karst springs to climate change: in-depth analysis of long discharge time series in the Umbria Region (Italy) and potential forecasting
P-100	Session 4.1	609	Gastmans, Didier	Hydro(geo)chemical modeling as a complementary tool for integrated water resources management
P-101	Session 4.1	701	Szjártó, Márk	Combined time-series analysis, satellite data and machine learning techniques in water balance assessment for the Kis-Balaton Water Protection System
P-102	Session 4.1	761	Livia Freitas	A national groundwater well dataset to advance water security in Brazil
P-103	Session 4.1	851	Buday-Bódi, Erika	Machine learning-enhanced 3D seismic characterization in Upper Pannonian thermal water reservoirs, case study of Polgár 3D (Hungary)
P-104	Session 4.1	862	Mohammed Noor Hassan	Data-driven optimization of groundwater potential zones in the Hamissana Shear Zone, Sudan: a comparative study of AHP and genetic algorithm approaches
P-105	Session 4.1	926	Kaustub Sinha	From algorithms to aquifers: assessing the groundwater impact of AI data centres on groundwater sustainability
P-106	Session 4.1	931	Tamás Buday	Analysis of the average drawdown effect of periodic water extraction using analytical and numerical methods
P-107	Session 4.1	946	Naïma El Assaoui	Predictive modeling of groundwater levels using machine learning: case study of the Berrechid Aquifer (Morocco)
P-108	Session 4.1	1022	Khaoula Charrek	Probabilistic assessment of fault-controlled hydraulic connectivity in Tunisian aquifer systems using a Monte Carlo-machine learning workflow
P-109	Session 4.8	100	Saito, Masahiko	Numerical study on formation of preferential flow paths in non-uniform seepage field using soil erosion model
P-110	Session 4.8	131	Schorpp, Ludovic	Use of open-access tools to construct and calibrate a groundwater delta-scale model
P-111	Session 4.8	180	Karlović, Igor	Using grain size distribution data to constrain hydraulic conductivity estimates in groundwater flow models: Varaždin aquifer case study
P-112	Session 4.8	247	Zapata Barra, Catalina	Sensitivity and uncertainty analysis of soil–water dynamics through a bucket-model approach
P-113	Session 4.8	366	Margaret E. Stevenson	Influence of hydraulic conductivity zone placement on preferential flow in a saturated heterogeneous gravel column

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P-114	Session 4.8	369	Maria Clementina Caputo	Utilizing ensemble-based uncertainty analysis for potential observation well locations in the Pwales Aquifer, Malta
P-115	Session 4.8	541	Kyra Boek	Benchmarking reactive mass transport in cryo-hydrogeological systems
P-116	Session 4.8	958	Ion Păsărică	Incremental drawdown-based interpretation of pumping tests: implications for spatio-temporal variability and parameter uncertainty
P-117	Session 4.8	963	Rivera Villarreyes, Carlos	On understanding the role of uncertainty behind 3D geological structural models towards better groundwater modelling predictions
P-118	Session 4.8	998	Nazanin Mohammadi	Using time-lapse gravimetry to quantify subsurface hydrogeological heterogeneity
P-119	Session 4.8	1000	Alper Elçi	Characterizing hydrogeological properties of aquifers with InSAR-based land subsidence observations and a coupled modeling approach
P-120	Session 4.8	1009	Földvári, Koppány	Numerical modelling of typical geothermal reservoirs of the Pannonian Basin – handling challenges and uncertainties in early exploration
P-121	Session 4.8	1023	Pryet, Alexandre	A flowchart-based framework for decision-support groundwater modeling
P-122	Session 5.3	27	Kim, Ho-Rim	Quantifying anthropogenic impacts on urban groundwater dynamics: a machine learning and causal inference approach in Seoul, South Korea
P-123	Session 5.3	47	Fumi Sugita	Restoration and water quality management of an urban pond supported by nutrient-rich groundwater
P-124	Session 5.3	526	Zagar Klara	Stable isotopes in tap water: insights into urban water supply structure and management in Ljubljana
P-125	Session 5.3	610	Gastmans, Didier	Tracking urban waters in middle size municipality using stable isotopes: a study case in southern Brazil
P-126	Session 5.3	965	Majid Taie Semiromi	Implications of blue-green infrastructure for enhancing groundwater quantity and quality in urban areas: benefits and constraints
P-127	Session 5.4	64	Bridget R Scanlon	Adapting to climate extremes using conjunctive management of surface water and groundwater and managed aquifer recharge
P-128	Session 5.4	163	Puigserver diana	Natural attenuation of emerging and biological contaminants during managed aquifer recharge (MAR) of coastal aquifers using reclaimed water
P-129	Session 5.4	178	Evi Derks	Seasonal stream level raising as managed aquifer recharge: a case study from the eastern Netherlands
P-130	Session 5.4	300	Marylidia Villagrán Marroquín	Model comparison to evaluate the implementation of adjustable weirs in agricultural drainage ditches for groundwater management in Belgium
P-131	Session 5.4	416	Miguel Moreno	Drought and managed aquifer recharge (MAR) in Mexico: priority framework to increase drought resilience
P-132	Session 5.4	589	Reham Mohammed	Treated wastewater reuse for sustainable agriculture using MAR approach. Case study: Kiskunfélegyháza, Hungary
P-133	Session 5.4	902	Syed Mustafa	Enhancing urban flood resilience through nature-based solutions in data-scarce environments
P-134	Session 6.1	156	Kirsty Upton	A risk-based approach to groundwater governance in West Africa
P-135	Session 6.1	231	Surinthip, Anuwat	Integrating geophysical surveys and groundwater potential assessments in salt dome areas of northeastern Thailand for sustainable water security
P-136	Session 6.1	294	Alexander, Sarah	Data-scarce recharge estimates from wadi flows in Yemen
P-137	Session 6.1	384	Kusaman, Tusneem	Hydrogeological exploration for groundwater management: case studies of Donpradoo and Pakpayoon subdistricts, Pakpayoon district, Phatthalung Province
P-138	Session 6.1	489	Massimo Spadoni	Groundwater quality assessment in the Middle and Lower Awash Basin (Afar, Ethiopia): an international cooperation experience
P-139	Session 6.1	588	Tibor Yvan Stigter	Investigating the behavior and lateral extent of sand river alluvial aquifers in support of sustainable groundwater development in the Limpopo dryland area of Mozambique
P-140	Session 6.1	720	José Luis García Aróstegui	Groundwater in international cooperation at IGME-CSIC
P-141	Session 6.1	737	Steve Kumwenda	Developing a standardized diagnostic and physical audit manual for handpumps and boreholes serving rural groundwater water supply systems
P-142	Session 6.1	860	Pedro Lombe	Drought propagation and groundwater storage dynamics in southern Angola
P-143	Session 6.1	972	Margarida Antunes	Potentially toxic elements in groundwater of southern Honduras and its potential relevance for chronic kidney disease
P-144	Session 6.1	1008	Mahilet Berihun	Factors influencing organisational purchasing practices in the handpump supply chain and their implications for quality assurance
P-145	Session 6.1	1034	Fussi, Fabio	Estimation of groundwater potential for solar pumping systems in southern Madagascar using large water points database and machine learning
P-146	Session 6.2	2	Karekezi Jean Pierre	Strengthening groundwater knowledge in Rwanda: gaps, challenges, and opportunities for improved resource assessment
P-147	Session 6.2	228	Endo, Takahiro	Groundwater for emergency water supply: evidence from the 2024 Noto Peninsula earthquake, Japan
P-148	Session 6.2	337	Mónica Guzman-Rojo	Fire-driven groundwater recharge vulnerability and recharge-zone protection: a pilot case in the Municipality of San José de Chiquitos, Bolivia
P-149	Session 6.2	424	Victor Klabá	Beyond status quo: knowledge-based co-construction labs for climate adaptation in Sud-West Europe's thermal spa towns
P-150	Session 6.2	458	Moshood Tijani	Socio-hydrogeological approaches for climate-resilient groundwater management in the coastal zone of southwestern Nigeria
P-151	Session 6.2	767	Prandi, Emilio Carlos	Integrating aquifers, watersheds, and participatory governance
P-152	Session 6.2	852	Lucas Daniel Cunha de Paula	Beyond technical rationality: a socio-hydrogeological framework for groundwater decision-making in agro-exporting economies
P-153	Session 6.2	937	Amruta Pradhan	Unsustainable transition to groundwater use as a response to a systemic shock: case study of Pench Irrigation Project, Maharashtra, India

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P-155	Session 6.5	88	Munodawafa, Tichazvipedza Fadzai	Challenges of geophysical reports in east and southern Africa
P-156	Session 6.5	258	Gál, Nóra	Multi-level data systems for risk mitigation, management and visualization in support geothermal exploration in Hungary
P-157	Session 6.5	894	Atanaskovic Samolov, Katarina	Hydrogeologists in geological surveys as strategic actors in groundwater governance and climate resilience: the Serbian experience

Poster Session 2 – Thursday & Friday

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P-162	Session 1.1	257	Roland Bäuml	Systematic compilation and analysis of regional groundwater age data in a fractured aquifer system in central Germany
P-163	Session 1.1	278	Benčić, Ivana	Development of a conceptual model of the groundwater–river interaction under changing climate conditions by using hydrochemical and isotopic parameters
P-164	Session 1.1	516	Persoiu Aurel	Preferential recharge of karst aquifers by winter precipitation
P-165	Session 1.1	644	Koeniger, Paul	A validation and comparison study of stable isotope based on mean catchment altitude estimations of springs in the Lebanon Mountains
P-166	Session 1.1	666	Abderrahman El Farchouni	Hydrochemical and isotopic assessment of groundwater recharge mechanisms in semi-arid alluvial aquifers: integrating environmental tracers with conceptual modeling
P-167	Session 1.1	685	Kang, Hyun-Ji	Constraining gamma transit time distributions in a volcanic island aquifer by combining seasonal $\delta^{18}\text{O}$ attenuation with multi-tracer ages
P-168	Session 1.1	934	Cho, Sunghyen	A study of baseflow separation using end-member mixing analysis during consecutive events
P-169	Session 1.2	435	Denisse Toro	Groundwater in the fractured rocks of Chacabuco, Maipo Basin, central Chilean Andes
P-170	Session 1.2	450	Baud Benjamin	Insight from mountain groundwater flows: springs in deformed and partially-covered karst aquifers in the Roya Valley (Saorge, France).
P-171	Session 1.2	477	Fracica Gonzalez, Laura Rossana	Assessing subsurface water pathways in a headwater catchment impacted by extreme flooding using environmental seismology
P-172	Session 1.2	614	Di Giovanni, Alessia	Comparison between effective infiltration and outflow rate in carbonate aquifers of the central Apennines
P-173	Session 1.2	624	Antonio González Ramón	Groundwater flooding in urban karst during extreme rainfall: the 2026 Grazelema event (SW Spain)
P-174	Session 1.2	659	Lucio Di Matteo	Characterizing the Cucco Mt karst aquifer system through hydrogeological monitoring: first results from the Scirca spring (central Italy)
P-175	Session 1.2	728	Petrič, Metka	Hydrological analysis of long-term cave drip hydrographs for quantifying vadose zone heterogeneity in a karst aquifer
P-176	Session 1.2	731	Lyu,Lei	The regulatory effect of paleogeomorphological reconstruction on groundwater distribution in fault basins
P-177	Session 1.2	733	Tóthi, Tamara	Thermal springs as indicators of structurally controlled groundwater flow and deep geothermal potential in the Buda thermal karst
P-178	Session 1.2	749	Assunção, Pedro	Hybrid modelling of urbanized karst aquifer under intensive pumping in Brazil
P-179	Session 1.2	769	Taucare, Matías	Mapping potential groundwater recharge in the mountainous and hyperarid Atacama Desert (northern Chile)
P-180	Session 1.2	936	Durán Valsero, Juan José	Wardrobe-type karst and bed-type karst: structural, geomorphological, and hydrogeological general characteristics
P-181	Session 1.6	148	Petrovic Pantic, Tanja	A new approach for assessing geothermal reservoir potential in south-eastern Serbia
P-182	Session 1.6	438	Kashiwaya, Koki	Evolution processes of geothermal fluids in Rungwe Volcanic Province, Tanzania, interpreted from noble gas geochemistry
P-183	Session 1.6	536	Nina Rman	Structural and hydraulic controls on forced convection in Alpine aquifer systems: insights from two thermal springs in NW Slovenia
P-184	Session 1.6	551	Marković Tamara	Hydrochemical and isotopic characterization of geothermal aquifers in the Pannonian Basin - Croatia
P-185	Session 1.6	742	Atanacković, Nebojša	Hyperalkaline springs as indicators of the natural hydrogen potential in inner Dinaric ophiolites
P-186	Session 1.6	834	Živanović, Vladimir	Spring tapping structures design as a factor in preserving water quality for bottling – Vlasina case study
P-187	Session 1.6	987	Halaj Elzbieta	Sustainable integration of low-temperature geothermal waters and energy with RES and thermal energy storage in Poland's regions
P-188	Session 1.6	991	Binghua,Li	Hydrochemical evolution characteristics and genesis of groundwater under long-term infiltration (2007—2018) of reclaimed water in downstream of Chaobai River region
P-189	Session 1.6	1030	Deák, József	Use of isotope tools to prove the ice age origin and pristineness of the Minera mineral water in Albertirsa (Hungary)
P-190	Session 1.7	12	Petre, Marie-Amelie	Investigating groundwater flow in a buried valley and bedrock aquifer system (Kurikka, Finland) using hydrochemistry and environmental tracers (^2H , ^{14}C)
P-191	Session 1.7	38	Sebastián Correa-Varela	Seasonal-driven redox dynamics: unravelling geogenic and anthropogenic Fe-Mn coupling in shallow alluvial aquifers
P-192	Session 1.7	68	Maria Nygård-Hämäläinen	Iron and manganese dynamics in groundwater extraction sites influenced by bank filtration

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P-193	Session 1.7	118	Gourcy, Laurence	Conductivity as a proxy to understand spatial and temporal nitrate concentration in groundwater – Beauce area, France
P-194	Session 1.7	190	Martínez-Barros, Renata	Unravelling the complexity of recharge mechanisms and mixing processes in mountainous aquifers
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