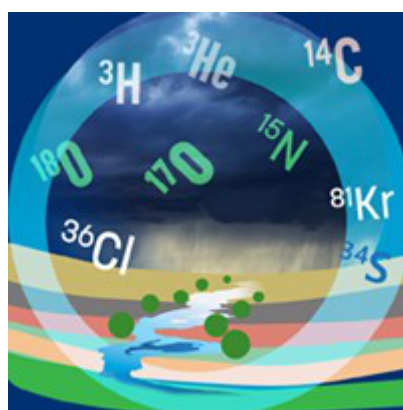


Session Program

20–24 May 2019



International Symposium on Isotope Hydrology: Advancing the Understanding of Water Cycle Processes CN-271

Poster Session 2

Vienna International Centre, Board Room C
C Building, 4th Floor

Wednesday 22 May

14:45

Poster Session 2: Isotopes in groundwater age dating and paleohydrology

Poster Session | Location: Vienna International Centre, Posters Area - C04, C Building, 4th Floor

Testing ^{14}C -DOC dating in aquifers of the London Basin, UK

Speaker

Dr William Darling

Isotopic investigation ($\delta^2\text{H}$, 3H , $\delta^{18}\text{O}$, $\delta^{13}\text{C}$ and ^{14}C) on recharge, origin, residence time and dynamics in the Douala/Cameroon aquifer system

Speaker

Dr Huguette Christiane Emvoutou

Dating very old groundwaters in thermal aquifers of the province of Buenos Aires, Argentina, through ^{14}C and noble gases measurements

Speaker

Daniel Emilio Martínez

Multi-tracer groundwater study including ^{39}Ar in the Salalah Plain, Dhofar, Oman

Speaker

Ms Viola Raedle

Application of stable isotope and groundwater dating techniques in the confined aquifers of Rio Cuarto River Basin, Cordoba, Argentina

Speaker

Dr Marina Luciana Maldonado

Understanding Kr-81 abundances in the atmosphere for improved accuracy in groundwater dating

Speaker

Jake Zappala

Isotope Hydrology: A tool for a better understanding of the hydrological processes of groundwater systems in the coastal basin of Akermoud (North of Essaouira city, Morocco)

Speaker

Mr Mohamed Qurtobi

Identification of He sources in the Complexe Terminal paleogroundwater (southern Tunisia)

Speaker

Rim Trabelsi Ep Gdoura

Assessing the hydrogeological functioning of an evaporite karst system coupling tritium and physico-chemical data

Speaker

José Manuel Gil Márquez

The CorsicArchive Project: Integrating isotope hydrology, climatology, and tree rings to improve climate record interpretation

Speaker

Mr Tobias Juhlke

IWAVE-The IAEA water availability enhancement approach

Speaker
Oliver Kracht

Application of isotope hydrology in groundwater resources management in Myanmar

Speaker
Ms Khin Cho Cho

Advances in isotope hydrology and its role in sustainable water management in Cuba (Project CUB/7/009)

Speaker
Dr Carlos Alonso-Hernandez

Evaluation of the meteoric Cl- input for calibration of ^{36}Cl dating with ^{81}Kr ages in the brackish Nubian Sandstone Aquifer of the Negev Desert, Israel

Speaker
Mr Roi Ram

Contribution of environmental isotopes (^2H , ^{18}O , ^{13}C , ^{14}C) in the development of a conceptual hydrogeological model of the Complex Terminal Aquifer in the Kebili Basin

Speaker
Mohamed Rafea Trigui

Using isotope hydrology tools to assess both groundwater recharge and withdrawals in the Nubian Sandstone Aquifer

Speaker
Dr Nadia Babiker Ibrahim Shakak

55 years of isotope investigations to unravel the groundwater cycles in the Southern Vienna Basin

Speaker
Martin Kralik

Application of quantum technology for radio-argon dating of glacier ice

Speaker
Zhongyi Feng

Conventional tritium method calibration with $^3\text{H}/^3\text{He}$ ratio in Eastern Lithuania groundwater

Speaker
Vytautas Samalavičius

Integrated studies of ^4He and ^{81}Kr noble gas ages of the deep aquifers with coupled particles track modeling in the Baltic Artesian Basin

Speaker
Prof. Robert Mokrik

Use of noble gases to investigate unconsolidated aquifers along the Ping River, Thailand

Speaker
Dr José Corcho

Isotopic data for inferring groundwater dynamics in Cagayan de Oro city, Philippines

Speaker
Mr Charles Darwin Racadio

Investigation of recharge sources of groundwater its residence time and quality through entire area of Bari Doab for sustainable management through the utilization of isotope and chemical techniques

Speaker
Ms Saira Butt

Krypton-81 feasibility study on deep thermal groundwaters in the karstified Upper Jurassic limestone of the Molasse basin (Germany-Austria)

Speaker
Mr Michael Heidinger

Identification of recharge processes by means of environmental isotopes in the Lake Chad basin

Speaker
Dr Sara Vassolo

Application of geochemical and isotopic techniques in the study of groundwater in Sidi Merzoug-Sbiba basin, central Tunisia

Speaker
Khaoula Khmila

The stable isotope characteristics of groundwater in the Sokoto Basin

Speaker
Dr Ogechukwu Jennifer Ete

The use of isotopic tracers for integrated and sustainable management of shared groundwater resources of the lullemeden aquifer systems (Sahel region)

Speaker
Kamel Zouari

Factors controlling the radon distribution in groundwater of a small tropical mountainous river basin, southwest India

Speaker
Dr Sabu Joseph

Improving shallow groundwater resources management in the Lake Chad basin through isotope hydrology: Outcomes from the IAEA RAF/7/011 project

Speaker
Frederic Huneau

Application of ^{222}Rn in distinguishing groundwater mixing relationships in the Table Mountain Group aquifer, Western Cape, South Africa

Speaker
Ms Yaa Agyare-Dwomoh

Advances in the hydrological understanding of the Actopan Basin, Veracruz, Mexico, using a multi-tracer approach

Speaker
Mr Juan Perez Quezadas

Understanding water circulation with tritium-tracer measurements in selected catchments across Japan

Speaker
Dr Maksym Gusyev

Noble gas and radiocarbon constraints on the residence time of groundwater in the Table Mountain Group (TMG) Aquifer, South Africa

Speaker
Ms Zita Michele Harilall

Transit time distribution function based on tritium data from the Cauê aquifer, Iron Quadrangle, Minas Gerais, Brazil

Speaker
Aurelio Silva

A multi-isotope approach to trace salinisation in the lower valley of Wadi Medjerda, northern Tunisia

Speaker
Prof. Mohamed Fathi Ben Hamouda

The contribution of geochemistry and environmental isotopes to the underground water resources assessment in the Great Algiers District (Algeria)

Speaker
Dalele Khouss

Spatial distribution of both groundwater recharge and withdrawals in the Nubian Sandstone Transboundary Aquifer using isotope hydrology tools, Lower Nile Basin

Speaker
Dr Nadia Babiker Ibrahim Shakak

Using of environmental isotopes to improve the understanding of Wadi Samail Catchment hydrogeology: a pilot study within the framework of the IWAVE project

Speaker
Mr Ahmed Salim Mohammed Al Sa Idi

Synthesis of isotopic studies in the Senegal Maastrichtian aquifer: Lessons learned and perspectives

Speaker
Prof. Serigne Faye

Recharge mechanisms in the shallow groundwater of the coastal Golfo de Uraba from a stable and radioactive isotope study

Speaker
Ana Karina Campillo Perez

Recent seawater intrusion into deep aquifers determined by the radioactive noble-gas isotopes ^{81}Kr and ^{39}Ar

Speaker
Prof. Yoseph Yechieli

Isotope hydrology to evaluate long term impact of groundwater exploitation under arid climate. Case of the Djibouti coastal basalt aquifers

Speaker
Kadar Mohamed Hassan

Isotopic and geochemical composition of water and gaseous phases associated to Sandim-CO₂ rich hydromineral system - NE-Portugal

Speaker
Dr Paula Carreira Paquete

The use of krypton-81, noble gases and environmental isotopes to characterize and to date Continental Intercalaire paleogroundwater (southern Tunisia)

Speaker
Kamel Zouari

Seasonal variations of tritium, uranium and stable isotopes in groundwater and spring waters in the Anthemountas Basin, Northern Greece

Speaker

Ms Alexandra Ioannidou

The impact of water and land use on nitrate contamination and groundwater residence time in a densely populated area: the Lombardy Plain (N Italy)**Speaker**

Prof. Elisa Sacchi

Preliminary isotopic assessment of the Douarah Basins' aquifers in central Tunisia**Speaker**

Samah Khaled

Inaccurate application of isotope hydrology techniques to the Nubian Sandstone Aquifer (NSA) in Sinai and the Western Sahara Aquifer System (NWSAS)**Speaker**

Prof. Samir Anwar Mahmoud Elgamal

The IWAVE project in Latin America in support of SDG 6.5: Integrated water resources management**Speaker**

Emilia Bocanegra

Evaluation of drinking water sources of a small Romanian urban community using isotopic techniques - Preliminary results**Speaker**

Dr Carmen Varlam

Ten years of isotope hydrology in the Central African Republic**Speaker**

Mrs Chantal Laure Djebebe Ndjiguim

Assess impact of climate change on water resources of the Pamir**Speaker**

Ms Elena Finaeva

Tritium and stable isotopes in waters of Baltic Sea in 2016-2017**Speaker**

Dr Olga Jefanova

Thrifty use of water through tank cascade systems in Sri Lanka as an adaptation to climate change impacts on crop production**Speaker**

Dr Anhettigama Gamaralalage Chandrapala

Water resources management and inventory in Azerbaijan Republic**Speaker**

Mrs Gunay Abdiyeva-Aliyeva

Water resources management using isotope techniques. Case study of Nakhlak-Anarak lead mine, Iran**Speaker**

Yousef Khalaj Amirhosseini

Hydrogeochemistry and isotope studies of groundwater in the Ga West Municipal Area, Ghana**Speaker**

Mr David Saka

^{14}C and ^4He isotopes for groundwater dating of the Tubarão aquifer system, central portion of the Paraná basin in the State of São Paulo, Brazil

Speaker

Prof. Didier Gastmans

Isotope hydrology and chemical study of water resources management in Myanmar

Speaker

Ms Aye Aye Thin

17:30