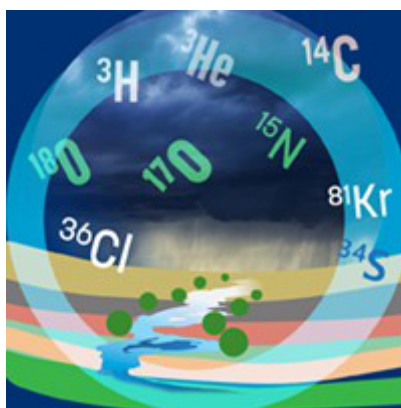


Session Program

20–24 May 2019



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

SESSION 2

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

Tuesday 21 May

08:30

SESSION 2: Isotopes in water quality studies

Session | Location: Vienna International Centre, Board Room C, C Building, 4th Floor | Conveners: Frederic Huneau, Michael Hendry

08:30–09:00

An (e)valuation of nitrate isotope monitoring for improving nutrient management in complex catchments

Speaker

Prof. Pascal Boeckx

09:00–09:30

The new titanium method: a simple, one-step reduction of aqueous NO₃⁻ to N₂O for IRMS or laser-based analysis of δ¹⁵N, δ¹⁸O, and δ¹⁷O

Speaker

Dr Mark Altabet

09:30–09:45

Groundwater recharge and nitrate contamination sources in the Plateaux Region of Togo

Speaker

Kossitse Venyo Akpataku

09:45–10:00

Isotopic and geochemical evidence of anthropogenic recharge in the Thiaroye urban aquifer of Dakar, Senegal

Speaker

Dr Seynabou Cisse Ep Faye

10:00

10:30

SESSION 2: Isotopes in water quality studies (continued)

Session | Location: Vienna International Centre, Board Room C, C Building, 4th Floor | Conveners: Prof. Pascal Boeckx, Dr Mark Altabet

10:30–10:45

Assessment of sources and fate of contaminants in groundwater: the case of Milan Metropolitan area

Speaker

Dr Massimo Marchesi

10:45–11:00

Application of hydrochemical and isotope techniques to investigate nitrogen pollution in Mauritius

Speaker

Mr Jean Oswaldo Yannick Fanny

11:00–11:15

Recent advances and challenges in nutrient source apportionment using phosphate oxygen isotopes

Speaker

Prof. Daren Clive Goody

11:15–11:45

Filling the hydrogeological gaps for an improved management of shared groundwater resources in the Sahel Region: main outcomes from the RAF/7/011 project

Speaker

Prof. Frederic Huneau

11:45–12:00

Use of isotopes and conventional methods to update hydrogeological information of the Sebaco Valley aquifer, Nicaragua**Speaker**

Prof. Valeria Delgado Quezada

12:00–12:15

Socio-Hydrogeology: coupling isotope geochemistry and public engagement to constrain nitrate pollution. The case of Grombalia (Tunisia)**Speaker**

Viviana Re

12:15–12:30

Vulnerability assessment of hard-rock aquifers in the Upper-Volta-Gourma-Liptako area using chemical and isotope methods**Speaker**

Laurence Gourcy

12:30

14:00

SESSION 2: Isotopes in water quality studies (continued)**Session** | **Location:** Vienna International Centre, Board Room C, C Building, 4th Floor | **Conveners:** Michael Hendry, Frederic Hunaeu

14:00–14:15

Application of isotopic techniques for the determination of water sources in the intensive agriculture area of Guadalhorce detrital aquifers (south of Spain)**Speaker**

Dr Iñaki Vadillo-Pérez

14:15–14:30

Continuous real-time analysis of water stable isotopes in ecohydrology**Speaker**

Barbara Herbstritt

14:30–14:45

Use of isotopes for environmental management. Case study: Hydrogeological conceptual model of a mining site under remediation**Speaker**

Dr Daniel Cicerone

14:45