Welcome New Members

The following members joined IAGLR between August and October 2023. We're glad you're here!

Zephaniah Ajode
Birtukan Asmare
Faith Atukwatse
Alemu Ayano
Charles Balagizi
Anthony Basooma
Yvonne Bigengimana
Mubwebwe Arthur Bisimwa
Simon Buhungu
Mbilingi Bwambale
Julie Bwoga
Geoffrey Chavula
Memory Chimpesa
Joseph Chombo
Tallent Dadi
Mushagalusa Deo
James Echessa
Nestory Gabagambi
Abebe Getahun
Lloyd Haambiya
Jose Halafo
Alice Hamisi
Lynne Heasley
Btni Hyangya Lwikitcha
Riziki Jacques
Lulu Tunu Kaaya
Geoffrey Kanyerere
Cyprian Katongo
James Last Keyombe
Lucyphine Kilanga
Lily Kisaka
Tchalondawa Kisekelwa
Mary Kishe
Evans Lomodei
Lwabanya Mabo
Beatrice Marwa
Lorena Matos
Mwamad Mbalaka
Athanasio Mbonde
Grant Milne
Ritha Mlingi
Maria Mpamulungi
Hillary Mrosso
Mbalassa Mulongaibalu
Deogratias Nahayo
Nelly Nakangu Furaha
Herbert Nakiyende
Eva Nambeye
Caroline Nampemba
Jean Namugize
Kundananji Nawanzi
Gaelle Ndayizeye
Benjamin Ngatunga
Harrison Ngige
Lambert Niyoyitungiye
Loziwe Njobvu- Chilufya
Winifred Nkalubo
Asante Nkhata
Nabintu Noella
Chrispine Nyamweya
Joyce Nyeko
William Okello
Benard Opaa
Masilya Pascal
Ajok Paska
Harris Phiri
Richard Rugadya
Nzigire Rutakaza
Kamakune Sandrine
Baraka Chrisostom Sekadende
Asilatu Shechonge
Amon Shoko
Oscar Wembo
Tekle Worako

MEMBER PROFILE

Heather Dettman

Senior Science Advisor, Multi-Partner Research Initiative, Natural Resources Canada

About my work

Since 1990, I have been a research scientist with Natural Resources Canada (NRCan) where I have developed expertise in analyses of petroleum products including oil sands bitumen. My research topics have included studies of refinery corrosion, petroleum upgrading and refining process upsets, bioprocessing, and diesel fuel analysis. In 2013, I led the development of oil spill science facilities and projects at the NRCan CanmetENERGY lab in Devon, Alberta. In 2022, I became the senior science advisor for the NRCan Multi-Partner Research Initiative (MPRI), a research funding program aiming to help the Canadian and international spill science community address priority response knowledge and technology gaps.

Inspiration for this work

My Ph.D. was in biochemistry from the University of Alberta where I used nuclear magnetic resonance (NMR) spectroscopy to study protein-membrane interactions. After an NSERC postdoctoral fellowship at Yale University, I became manager of the University of Ottawa Chemistry Department NMR Facility. After a few years, I helped staff at the NRCan CanmetENERGY lab in Ottawa with their NMR instrument. They soon offered me a job, and so began my work with "earth-processed biomass," petroleum.

Something else about myself

I have always liked water. By the age of 16, I had become a lifeguard and swimming instructor and obtained



scuba certification. At camp I learned to paddle a canoe and then during graduate school, a kayak. When at Yale, I began windsurfing and have taken lessons for sailing in Victoria. Despite living at a land-locked location, my work to improve oil spill science to protect water is also personal.