



NICOLA NEWSLETTER

DEAR NICOLA MEMBERS

12/2019

As we approach the end of 2019, we take the opportunity to reflect on the accomplishments of the past 12 months and define the path that we will take in the year to come. I would like to introduce the Steering Committee for 2020. Let me take the opportunity to thank Renier and Andrea for their hard work, commitment and invaluable contributions to help NICOLA succeed over the past few years. Please welcome the onboarding of the new team members, Prathna Benimadho (BP SA) and Johan Kriek – Treasurer (GCS RSK JV).

NICOLA STEERING COMMITTEE 2020



Christina Masimula
(Chairperson)
Shell Downstream South Africa
Senior Programme Manager: Soil and
Groundwater



Heidi Snyman
(Vice-chairperson)
Golder Associates
Principal Remediation
Technologies



Johan Kriek
(Treasurer)
GCS RSK JV (PFJ) LTD
Manager Southern Africa



Erasmus Chauke
TOTAL South Africa
Environmental Remediation and Due
Diligence Specialist



Hayley Thomas
Shell
Scientist (Hydrogeologist) Soil and
Groundwater
Projects & Technology PFS Safety
& Environment



Lindokuhle Hlongwane
Astron Energy
Site Remediation Specialist



Margaret Duddington
ERM
Principal Consultant



Tracey Drew
SRK Consulting
Senior Environmental Scientist



Prathna Benimadho
Moodley
BP SA
Country Portfolio Manager |
Specialist NICOLA Remediation
Management



Rochelle Bloembof
(NICOLA Administrator)
Golder Associates
Mine Closure Consultant



WHO ARE WE?

NICOLA is a forum for contaminated land management in Africa, which aims to establish a solid platform for the development, application and dissemination of sustainable practices, knowledge and technologies. NICOLA was established in 2014 and has over the last five years grown into a flourishing organisation with a growing membership base year on year. The overall objective of NICOLA is to pro-actively empower the African contaminated land management sector to identify, assess and manage contaminated land within a science based sustainable best practice framework.

NICOLA focuses its activities in three main themes, these are “Knowledge Sharing”, “Networking” and “Inspiring Scientific Best Practice”. We have gained momentum with each passing year and specifically making progress in these areas in the last 12 months.

FEEDBACK ON RECENT EVENTS...

5TH ANNUAL CONFERENCE

NICOLA recently hosted its 5th Annual Conference at the Krystal Beach Hotel in Cape Town. This year’s theme was about “Emerging Challenges: Together Towards Tomorrow”. The conference gave us an opportunity for the contaminated land and remediation community in South Africa and beyond to connect and share the latest developments and examples of best practice by bringing together global leaders and professionals under one roof. We believe that our diverse and dynamic group of keynote speakers and presenters provided in-depth insight, as well as, actionable and practical tools of engagement methods and mechanisms that have worked in other countries. The Steering Committee would like to take this opportunity to thank its members, delegates, presenters and keynote speakers for another successful conference. Check out the highlights of the two days by clicking on the following link: [NICOLA Conference video](#)

WASTE KHORO 2019: ASBESTOS AND LAND REMEDIATION SUMMIT

NICOLA has recently partnered with NICOLE to facilitate world class knowledge sharing by arranging for NICOLEs working group lead on asbestos, Dr Simon Cole, to attend and present in front of South Africa’s leading regulators and high-ranking government officials at the “WASTE KHORO 2019: ASBESTOS AND LAND REMEDIATION SUMMIT”, held in Kimberley from the 18-20 September. This presented a great opportunity to leverage the expertise within the NICOLE organisation to support the advancement of understanding the field of Asbestos environmental contamination. Asbestos presents a significant challenge in South Africa resulting from the historical legacy left behind from asbestos mining in the country.

NICOLA would also like to thank the following NICOLA members who presented at the Waste Khoro: Andrea Bianchini (Geostream Africa), Theo Ferreira (GeoRem), Richard O’Brien (SRK), Xanthe Adams (SRK), Adam Sanderson (WSP), Simon Labuschagne (AECI) and Dr Matthew Lahvis (SHELL).

VAPOUR INTRUSION TRAINING

The first Petroleum Vapour Intrusion Fundamentals training course was held in Cape Town on the 17th of September 2019. This is the first course of its kind in South Africa and has also been awarded certification for credits towards continuing professional development (CPD).

Dr Matt Lahvis (SHELL) presented on training materials developed by the Interstate Technology Regulatory Council on the Fundamentals of Petroleum Vapour Intrusion. NICOLA's Vapour Intrusion Working Group lead Steve McKeown (ERM) also presented during the training regarding the South African context, the new NICOLA VI position Paper and local case studies.

NICOLA CONNECT

The NICOLA Connect events have been held on an ad hoc basis and continue to be enjoyed in all three cities (Cape Town, Durban and Johannesburg). Geostream Africa and GeoRem hosted the Johannesburg events, Geomeasure Group hosted the Durban event earlier this year with the most recent event in Cape Town hosted by Shell on September 16. The event was a huge success with over 30 attendees and interesting talks given by both Dr Matt Lahvis and Simon Cole.

The next NICOLA Connect event will be hosted by GeoRem and will be held in JHB in February 2020. More details to follow.

UPCOMING EVENTS...

CONTAMINATED LAND MANAGEMENT (CLM) 101 TRAINING

The next Contaminated Land Management 101 training will be presented on 16 and 17 January 2020 at the Golder offices in Midrand. CLM is a multidisciplinary field which spans across engineering, science, legal and social subject matter. For this reason, few (if any) practitioners involved in CLM have formal training in all the applicable disciplines. A need therefore exists to enhance the knowledge of practitioners to have a working knowledge of all the applicable disciplines included in CLM while remaining specialised in the particular aspect.

The purpose of this introductory short course is therefore to establish a common knowledge base amongst CLM practitioners in South Africa. The course addresses the need for all practitioners in the industry to have a broad overview of all the aspects to be considered when managing contaminated land. Please contact admin@nicola-org.com for more information regarding the programme or bookings.

SUSTAINABLE REMEDIATION CONFERENCE 2020

The Steering Committee is very excited to announce that NICOLA will be hosting the International SustRem 2020 Conference next year. We see this as an opportunity to showcase and celebrate the progress South Africa has made since hosting the ICCL and demonstrate the value of collaboration and dialogue across sectors. We believe hosting this event will further boost South Africa's participation, contribution and development in this field as well as bring a new perspective given the environmental legacy in South Africa and our current socioeconomic

challenges. We hope SustRem 2020 will create a platform for expanding NICOLA more broadly across Africa and we are looking at using it as an opportunity to maximise further training and collaboration. If you are interested in supporting the Steering Committee in delivering the conference or would like to learn more details about presenting or sponsorship opportunities, please contact admin@nicola-org.com.

SUSTREM 2018 / XI SEMINÁRIO EKOS BRASIL

XI Seminário EKOS BRASIL, jointly with the International Sustainable Remediation (SustRem) Conference, a first of its kind in Latin America, addressed environmental and social challenges, providing a benchmark of understanding to practitioners and a call to action to change current social, environmental, and economic conditions associated with contaminated areas. The conference brought together more than 400 international and national experts from industry, service providers, academia and public environmental agencies in a fruitful forum for knowledge exchange and networking. 30 speakers from US, Europe and Latin America and four sessions: Solutions, Transformation, Trust and Value. For more information, please click on the following link: [Seminário EKOS Brasil - SustRem](#)

INSPIRING SCIENTIFIC BEST PRACTICE

Three of NICOLA's working groups have delivered position papers in 2019, these being:

- Vapour Intrusion - Position Paper on the Management of Vapour Intrusion in South Africa.
- Significance in the context of Contamination – Position Paper on a Sector Interpretation of “Significance”.
- Light Non-Aqueous Phase Liquids (LNAPL) - Position Paper on Management of Light Non-Aqueous Phase Liquids within the South African context.

These papers provide a NICOLA ‘position’ on a certain topic considering local and international best practice and guidance. These papers are designed to give our members easy access to the information they need to understand key issues in contaminated land management and keep up to date as scientific understanding progresses.

The vapour intrusion working group and LNAPL working group remain active and aspire to deliver further support materials for the NICOLA community.

Based on member requests, and in line with expectations of the DEA, three new working groups have been established:

- Arsenic led by Meris Mills
- Mercury led by Richard O’Brien
- Asbestos led by Micole Martins

If you would like to be part of the above working groups, please complete the short online form by clicking on the following link: [New working groups](#). Alternatively, you can contact the working group champions, or contact admin@nicola-org.com.

Wishing you and your family a wonderful holiday season and a happy new year! Safe travels!

Christina Masimula
Chairperson: NICOLA
