

EXPLORATION AND EXPLOITATION OF DEEP SEABED MINERAL  
RESOURCES IN THE AREA: CHALLENGES FOR AFRICA, AND  
OPPORTUNITIES FOR COLLABORATIVE RESEARCH IN THE MID-  
ATLANTIC RIDGE, ATLANTIC INDIAN RIDGE AND  
THE SOUTH-WEST INDIAN RIDGE

(SENSITIZATION SEMINAR ON THE WORK OF  
THE INTERNATIONAL SEABED AUTHORITY)

Hosted by

THE SOUTH AFRICAN GOVERNMENT

AND THE

INTERNATIONAL SEABED AUTHORITY

17 – 19 MARCH, 2015

TSHWANE, SOUTH AFRICA



PROVISIONAL AGENDA

## DAY ONE

8:00 am - 10:00 am

Registration

10:00 am – 11:00 am

OPENING

1. Welcoming remarks by the Permanent Representative of the Republic of South Africa to the International Seabed Authority
2. Address by the Deputy Minister/Director-General of Mineral Resources of the Republic of South Africa.
3. Address by H.E. Nii Allotey Odunton  
Secretary-General, International Seabed Authority

11:00 am-11:30 am

COFFEE BREAK

Session 1: The UN Convention of the Law of the Sea and the Implementation Agreement for Part XI

11:30 am-12:15 pm

Contents and achievements of the 1982 United Nations Convention on the Law of the Sea

- H.E. Satya N. Nandan,  
former Secretary-General, International Seabed Authority

12:15 pm- 1:00 pm

The International Seabed Authority: Role, functions and organs

- H.E. Nii Allotey Odunton,

1:00 pm-2:30 pm

LUNCH

Session 2: Other institutions created by the Convention

2:30 pm-3:15 pm

The Division for Ocean Affairs and Law of the Sea/UNOLA

- Mr. Vladimir Jares  
Deputy Director, The Division for Ocean Affairs and  
Law of the Sea,  
Office of Legal Affairs, United Nations, New York

3:15 pm-4:00 pm

The Commission on the Outer Limits of the Continental Shelf

- Mr. Vladimir Jares  
Secretary, Commission on the Outer Limits of the Continental  
Shelf and Deputy Director, The Division for Ocean Affairs and  
Law of the Sea

4:00 pm-4:30 pm

COFFEE BREAK

### Session 3: The Work of the International Seabed Authority

4:30 pm-5:15 pm

The legal framework for activities in the Area: Prospecting and exploration for polymetallic nodules and other mineral resources of the Area.

- Mr. Michael Lodge,  
Deputy to the Secretary-General and Legal Counsel, International Seabed Authority

## DAY TWO

8:30 am- 9:15 am

Mineral resources of the Area (with an emphasis on the southern Mid-Atlantic Ridge, the Atlantic Ridge and south Indian Ridge): Types, distribution and the role of marine scientific research in their discovery. **[speaker to be determined]**

9:15 am-10:00 am

Prospects for the development of polymetallic sulphides in the ridges of the South Atlantic and Indian Oceans.

- Dr. Georgy Cherkashov,  
VNIIOkeangeologia (Institute for Geology and Mineral Resources of the Ocean), Angliysky Pr., 1190121 St. Petersburg, Russia

10:00 am-10:30 am

COFFEE BREAK

10:30 am-11:15 am

Exploration activities for polymetallic nodules in the Clarion-Clipperton Zone of the North Pacific Ocean.

- Dr. Sandor Mulsow, Chief, Office of Resources and Environmental Monitoring, International Seabed Authority

11:15 am-12:00 pm

Activities, equipment and capacities required for the conduct of exploration in the Area.

- Dr. Georgy Cherkashov,  
VNIIOkeangeologia (Institute for Geology and Mineral Resources of the Ocean), Angliysky Pr., 1190121 St. Petersburg, Russia

12:00 pm-12:45 pm

Protection and preservation of the marine environment from activities in the Area: Considerations in respect of polymetallic nodules, polymetallic sulphides and ferromanganese cobalt-rich crusts.

- Dr. S. Kim Juniper,  
BC Leadership Chair in Ocean Ecosystems and Global Change, School of Earth & Ocean Sciences, and Department of Biology, University of Victoria, British Columbia, Canada

12:45 pm-2:00 pm

**LUNCH BREAK**

2:00 pm-2:45 pm

Promotion and encouragement of marine scientific research in the Area – The Authority’s Endowment Fund

- Mr. Yongsheng Cai  
Legal Officer, International Seabed Authority

2:45 pm-3:30 pm

The role of the Enterprise as a mechanism for the participation of developing States in activities in the Area, and the possible benefits to be derived from developing states sponsorship of exploration.

- Mr. Baidy Diene  
Deputy Secretary-General  
The Senegal/Guinea-Bissau Management and Cooperation Agency  
122. Avenue André Peytavin  
PO Box 11841 Peytavin  
Dakar, Senegal

3:30 pm-4:00 pm

**COFFEE BREAK**

4:00 pm-4:45 pm

Development of national capacities for seabed mineral development.

- The Indian experience
- Dr. Rahul Sharma,  
Senior Scientist,  
National Institute of Oceanography, Dona Paula, Goa, India

**DAY THREE**

**Session 4: Participation of the States in the region in activities in the Area.**

8:30 am-9:15 am

Environmental Perspectives on Marine Mining in the Southern African Region

- Dr. Kerry Sink  
Marine Program Manager  
South African Biodiversity Institute  
Centre for Biodiversity Conservation  
Rhodes Avenue, Kirstenbosch  
Capetown, South Africa

- 9:15 am-10:00 am                    The ISA Mining Code and Seabed Mining within the Exclusive Economic Zones: A Governance Agenda for African Littoral States
- Dr. Alex Benkenstein  
Programme Manager  
“Governance of Africa’s Resources Programme”  
South African Institute of International Affairs – SAIIA  
Cape Town, South Africa
- 10:00 am-10:30 am                    **COFFEE BREAK**
- 10:30 am-11:15 am                    Recommendations for an offshore mapping programme for the South African continental shelf
- Dr. Hayley Cawthra and Mr. Michael MacHutchon  
Marine Geosciences Unit  
South African Council for Geosciences  
Cape Town, South Africa
- 11:15 am-12.00pm                    Marine Geophysics, Seafloor Geology and the link to palaeoanthropology offshore of Mossel Bay
- Dr. Hayley Cawthra  
Marine Geosciences Unit  
South African Council for Geosciences  
Cape Town, South Africa
- 12.00 pm – 12.45 pm                    General discussion
- 12.45 pm – 2.00 pm                    **LUNCH**
- 2:00 pm-3:30 pm                    Recommendations of the Seminar
- 3:30 pm-4:00 pm                    **COFFEE BREAK**
- 4:00 pm                                    **CLOSING REMARKS**
- Department of International Relations and Cooperation, The Republic of South Africa
  - International Seabed Authority

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