

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, and South Indian Ridge): Types, distribution and the role of marine scientific research in their discovery.

Ms. Pratima Jauhari
Geologist, International Seabed Authority

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
