



# INTERNATIONAL SEMINAR ON BAUXITE RESIDUE (RED MUD)

## FIRST CIRCULAR



## OCTOBER 17-19, GOA, INDIA

### ICSOBA SECRETARIAT

Row House A/5, Rajat Utsav II Kachimet,

Amravati Road, Nagpur 440033, India

Phone: + 91 9975372011

Website: <http://icsoba.org/>

E-mail: [info@icsoba.org](mailto:info@icsoba.org)  
[tanisha@icsoba.org](mailto:tanisha@icsoba.org)

ORGANISED BY:



**ICSOBA - INTERNATIONAL COMMITTEE  
FOR STUDY OF  
BAUXITE, ALUMINA AND ALUMINIUM**



IN COOPERATION WITH:

**HINDALCO, INDIA**

**HATCH, AUSTRALIA**

Dear Colleagues,

The International Committee for Study of Bauxite, Alumina & Aluminium (ICSOBA) has great honour in announcing: **The International Seminar on Bauxite Residue (Red Mud)** to be held in Goa, India during October 17-19, 2011.

In the span of last 48 years, ICSOBA has organised ten International Congress meetings and eighteen International Symposia in venues located in Europe, Canada, Jamaica, Brazil, India and recently in China. It was proposed at the time of the ICSOBA symposium in China in November 2010 that an International Seminar on bauxite residue (red mud) be organized in view of the recent dam failure in Hungary.

Alumina refineries world over presently generate more than 100 million tons of red mud per annum, which is likely to increase with the setting up of new production facilities and decreasing ore quality. Less than 5% of red mud is being utilized in the world with the remainder disposed in ponds.

#### **Aims and Objectives**

- To review the present status of bauxite residue characterisation, handling, disposal, storage, treatment and utilization in various alumina refineries of the world.
- To discuss problems related to environment and safety considerations for safe disposal and storage of mud.
- To highlight the best options for mud handling, storage, treatment / utilization etc. for existing and future Greenfield alumina refineries.
- To discuss promising research developments in the field of safe storage of red mud and its treatment / utilization.

**We invite you, dear colleagues,** to participate and present papers in the International Seminar "ICSOBA - 2011" on the topic of your interest or field of work, from amongst the wide-ranging objectives of the seminar mentioned above. The Seminar will provide an excellent opportunity to meet and interact with International Experts, Scientists, Engineers, Entrepreneurs and Representatives of alumina industries, companies dealing with red mud, R&D institutes and end users world over.

A Technical Excursions will be arranged to the rehabilitated red mud storage areas of HINDALCO in Belgaum, India.

We look forward to seeing you in Goa, India in October 2011.

Best Regards,

Roelof Den Hond

President ICSOBA

## **PATRONS**

Mr. D. Bhattacharya, Managing Director, HINDALCO Industries, India

Mr. Ron Knapp, President, International Aluminium Institute, UK

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Dr. George Komlossy, Hungary

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## **ORGANIZING COMMITTEE**

Mr. Roelof Den Hond, Managing Director ALCOR, The Netherlands

Dr. Li Wangxing, President of R&D Center of CHALCO (Aluminium Corporation of China Limited), China

Dr. Andrey Panov, Director Alumina Engineering & Technology Center, UCRUSAL VAMI, Russia

Dr. Peter Smith, Principal Bayer Technologist, Parker CRC, CSIRO Light Metals Flagship, Australia

Dr. Yiannis T. Pontikes, FWO postdoctoral fellow, MTM, KULeuven, Belgium

Mr. Vinod Sood, President (Special Projects), Hindalco Industries Limited, India

### **Chief Co-ordinator**

Dr. T.R. Ramachandran

### **Convenor**

Dr. Ashok Nandi

**SESSIONS**

- Introduction and key note addresses.
- Residue characterisation - including leaching, rehabilitation and paedogenesis aspects.
- Residue processing - including flocculation, settlers, filters, mud hydraulic transport and mud distribution over the storage area.
- Residue storage area design, operation and risks. Case studies for residue storage, avoiding hazardous discharges to the environment, rehabilitation and re-working.
- Bauxite residue as a feed stock - cement, iron, ceramics, etc.
- The Seminar will be concluded with a panel discussion on best available technologies and desired R&D projects for solving identified problems in the above areas.
- Optional Field trip to mud disposal area (and refinery).

ICSOBA Presidency has nominated leading bauxite residue experts as co-ordinators of the various planned sessions. The coordinator is responsible for communicating with companies/individuals to invite technical papers, review them and conduct the session in the Symposium. A detailed program with periodic updates would be available on the ICSOBA website, <http://icsoba.org>.

**CALL FOR PAPERS****Important dates**

Deadline for Abstracts (about 500 words each): 15 June, 2011.

Deadline for submission of full papers (maximum 20 pages each): 15 August, 2011.

**Proceedings**

Selected papers will be published in the TRAVAUX volume which will be available at the time of the Seminar. All other papers will be available in the Proceedings as CD to be distributed to all participants.

**REGISTRATION & SPONSORSHIP FEES****Registration**

Two simple ways to register:

Online at <http://icsoba.org> or

Contact us according to the contact details provided at the end of this circular.

**Sponsorship**

As a sponsor in this ICSOBA Event, you will raise your company profile and gain unparalleled access to the key decision makers in this industry. You can choose from various sponsorship packages given in the table. Lunches, dinners and tea / coffee can also be sponsored.

Company profile of sponsors, co-sponsors and supporters will be published in the souvenir and will also be reflected in the ICSOBA website (<http://icsoba.org/>).

## Advertisements

A Souvenir will be brought out containing company profiles and advertisements. The tariff is indicated in the table.

### Fees:

REGISTRATION	Corporate / Individual members	Others
Delegates	US\$ 400	US\$ 500
Students	US\$ 200	US\$ 300
Accompanying Spouse	US\$ 250	US\$ 350
<b>ADVERTISEMENTS in the Souvenir</b>		
Back page cover colour	US\$ 1100	US\$ 1200
Front inside page colour	US\$ 800	US\$ 900
Back inside page colour	US\$ 600	US\$ 700
Full Page colour	US\$ 500	US \$ 600
Half Page Colour	US\$ 300	US \$ 400
<b>SPONSORSHIP</b>		
SPONSOR Entitles 6 free delegates	US\$ 6000	US\$ 7000
CO-SPONSOR Entitles 3 free delegates	US\$ 3000	US\$ 4000
SUPPORTER Entitles 1 free delegate	US\$ 2000	US\$ 3000

Note: A fee of US\$ 50 per delegate will be charged for the visit to HINDALCO's red mud rehabilitated area on October 19, 2011.

Indian delegates and companies can pay an equivalent amount in INR.

## Payment and communication

Modes of payment:

- 1.Payment by Paypal.com in favour of info@icsoba.org by any credit card. Please also confirm your payment by e-mail to info@icsoba.org.
- 2.Online registration and payment on the web site <http://icsoba.org>.
- 3.By wire transfer to "ICSOBA SECRETARIAT" Current Account No. 2162002100009212 of Punjab National Bank (D.N. 2162), SWIFT CODE: PUNB/NBBNKW
- 4.By demand draft in the name of "ICSOBA SECRETARIAT" and sent by post to ICSOBA Secretariat, Row House A/5, Rajat Utsav II Kachimet, Amravati Road, Nagpur 440033, India.

For any further payment inquiry, please contact us according to the contact details provided at the end of this circular.

### Visa & Invitation Letter

All foreign travellers to India are legally required to hold a valid visa. Delegates must register for the Seminar before lodging their visa/ETA application. Following your registration, you will receive an invitation letter from ICSOBA secretariat. For more information, contact your nearest Indian Embassy/Consulate or view the Indian Bureau of Immigration.

Website: <http://www.immigrationindia.nic.in/index.htm>.

## CONFERENCE INFORMATION

### Venue - Goa

Goa, a former Portuguese colony with rich history, is world famous tourist place on the west coast of India. Goa has a unique mix of native and Portuguese cultures and architecture that attract an estimated 2.5 million visitors each year. There are beautiful beaches and several Catholic and Hindu shrines. Goa is well connected with all the major cities of India and there are frequent flights between Mumbai-Goa, which takes only 50 minutes.

### Venue - Hotel

The Bauxite Residue Seminar will be organized in Hotel VIVANTA BY TAJ PANAJI, Goa. Please visit the web site <http://www.vivantabytaj.com/panaji-go/overview.html> for details. ICSOBA has negotiated special room rates for delegates of the bauxite residue seminar. ICSOBA rates, including breakfast and airport pick-up per night are:  
INR 5500 single occupancy + taxes (about US\$140)  
INR 6600 double occupancy + taxes (about US\$170)

Delegates can coordinate with secretariat to book the above hotel or book the hotel directly with information to ICSOBA by contacting Mr. SuhelKumar Deoda, sales manager of the hotel, as follows:

E-mail: suhelkumar.deoda@tajhotels.com  
Phone: +91 832 663 3636 (general)  
+91 832 663 3674 (direct),  
+919225989313 (cell)  
Web site: www.vivantabytaj.com

## CONTACT DETAILS

### Address of the Organizing Committee

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Row House A/5, Rajat Utsav II Kachimet,  
Amravati Road, Nagpur 440033, India

Phone: + 91 9975372011

Website: <http://icsoba.org/>

E-mail: [info@icsoba.org](mailto:info@icsoba.org)

[tanisha@icsoba.org](mailto:tanisha@icsoba.org)

[icsoba2008@gmail.com](mailto:icsoba2008@gmail.com)

Contact Person: Ms. Tanisha Dutta De, Executive ICSOBA

You are requested to send all materials related to the Seminar "ICSOBA-2011", to the address shown above. Email messages are preferred.

Your participation in the Seminar will be highly appreciated.

Organizing Committee

ICSOBA-2011